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AND HOME JOURNAL

THE ONLY WEEKLY AGRICULTURAL **WESTERNS CANADA**

REGISTERED IN ACCORDANCE WITH THE COPYRIGHT ACT OF 1876

AUGUST 21, 1907

WINNIPEG MANITOBA

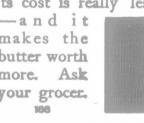
VOL. XLII, NO. 778

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acres, more or less.

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The homesteader is required to perform the conditions connected therewith under one of the following plans:

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cultivation of the land in each year for three years.

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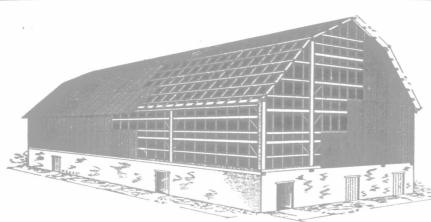
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This cut shows an up-to-date Barn Construction, 40 feet x 70 feet, and the method of covering with Corrugated Sheets. The framework is light, as the corrugated sheets, when nailed in place, make the building very rigid. This drawing is made from actual plans and the barn has been built many times with splendid results.

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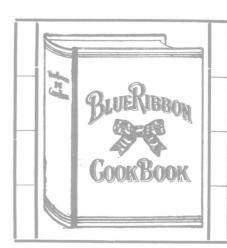
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AUGUST 21, 1907

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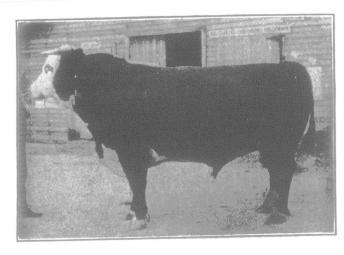
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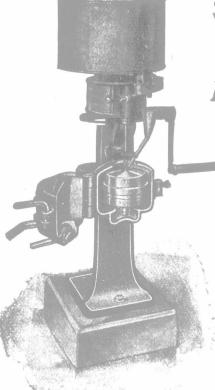
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Farmer's Advocate

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REGISTERED IN ACCORDANCE WITH THE COPYRIGHT ACT OF 1875.

August 21, 1907

WINNIPEG, MANITOBA.

Vol. XLII. No. 778



Comparative Crop Estimates.

crops in the States and in Western Canada. do this accurately would be too big a task for one eighty as given above. the publishers of this paper, for the reason that perfectly sound assumption. But there may be tion to the increased cost of handling it. individual farms and localities in the States where land is lower priced and more fertile than certain farms and certain districts in Canada, and as a consequence farm crops could be produced cheaper than in Canada.

must be arrived at by making comparisons of outlook and stirring humanitarian impulses, to-date is not so great as commonly supposed, for, those items in the cost that can be directly ward an ultimate betterment of the laborer's while the average of intelligence, comfort and culcharged to it, leaving out of consideration the position, while hand in hand with these agencies ture in the laborer's family is undoubtedly adreturns from the crop which in actual estimates had gone invention, which intellectualized labor vancing, the relative positions of the average would have to be considered in arriving at the and stimulated it to organize and obtain increas- working man and the average capitalist employer profit. These direct charges are labor, including ing remuneration for its toil. Well that such are about as far apart as ever they were, and the the operations of all machinery with its deprecia- influences have been at work, for, on the other laborer who seeks to conform reasonably well to tion, and handling the crop, seed, twine, and the hand, modern industry and finance, by centraliz- the demands of the present-day civilization must rental charge of the land. Upon such a basis ing and monopolizing manufacture, and fleecing needs calculate about as closely as did his protoit will be seen at once that the lower rental charge the gullible public by floating watered type of earlier times. against the land is the only advantage that stock and by various other forms of organized Canada can have against older districts, unless extortion, aided by protective tariffs and unjust it is the case that our land requires less cultivat- taxation, have unquestionably brought about the ing than that in older districts, and this as a concentration of much wealth into a few hands, matter of fact is quite often true.

Fifteen bushels of wheat per acre at 70 cents per millinery. bushel on \$10 land will return a profit of 60 per ished to 6 per cent. on the \$50 land.

Statistics have been gathered of the cost of producing a crop of wheat in the state of Minnesota, the items of which are as follows:

Seed		.80
Cleaning seed		.03
Plowing	I	.06
Harrowing		. 27
Seeding		. 27
Weeding		.08
Cutting		. 33
I wine		. 18
Shocking		. I 2
Stacking		. 44
Threshing (labor)		. 20
Threshing (cash)		. 34
Machinery rental		. 34
Land rental		.80

Total, per acre\$6.26

American wheat growers.

but upon its location in respect to markets.

We have, however, Mr. Benson's memorable car fare, and an occasional railroad trip, to say

These estimates are for a crop averaging about the statistics for very much of the tables would fifteen bushels to the acre. A heavier crop Western Canada on account of land being lower siderably greater as the first charges must be set

How the Laborer's Position Compares.

In discussing this problem recently, we stated especially on the American continent. It is

resists his son's appeal for 30 cents to join a base-It was no embarrassment to wear fresh-greased cow-hide top boots to school or church when all a homestead, think lightly of the deprivations, because their neighbors are in much the same furniture and clothes. So it will not do to compare the working man's wages to-day with those he received ten or twenty years ago, and jump there are many new demands upon his purse.

estimate for the tariff commission, which nothing of the hundreds of other items that bulk when published in these columns, though chal- so large in the course of a year. He probably lenged, had many an endorsation from practical feels, also, that his home is incomplete without lifelong wheat raisers. This estimate placed the a musical instrument of some kind. And why growing of wheat upon such a low basis that shouldn't he be entitled to these things, when his there was scarcely a profit to be found in it. employer is riding around in a five-thousand-Others will place all charges against a crop of dollar automobile, and sending his daughter on a wheat as grown in Western Canada about equal trip to Europe? Fashion dictates the luxuries A request comes to us to give some data for to those against States grown wheat quoted above, of the rich, and no one raises a hand of protest, comparisons between the cost of raising farm with the exception of the rental charge, which is no matter how dishonorably the money that buys To probably on an average nearer one dollar than the luxuries has been obtained. Yet there are plenty of people who dwell with horror on the 'increasing extravagance' of the poor, and if they find a laborer who is profligate or drunk, have to be collected at first hand. In a broad would cost but little more for the labor of hand- how ready they are to point their cut-and-dried Western Canada on account of land being land threshing, but the profit would be conis no benefit to the working man. By these same priced, newer and more fertile here than in the down against an acre whether it yields fifteen critics, the indulgences and misdeeds of the well-States, so much so in fact as to leave an advan- or fifty bushels. In this principle lies the secret to-do are tolerantly condoned, especially if they tage after the handicap of higher priced labor of success in crop growing; namely, to increase happen to be liberal supporters of public benefits and the returns of a crop very considerably over the tions. We talk considerably about equality and democratic privileges, but a great many of us who assumption that the general average of land cost of production, for beyond a certain point democratic privileges, but a great many of us who values in Canada is lower than in the States, a the returns from a crop are aways out of proporact accordingly when it comes right down to the point in the form of a concrete instance.

The general conclusion to be drawn from the foregoing paragraphs is that, while the unmistakable tendency of modern times, especially in the that church, school, platform and press had New World, has been towards an improvement of The comparative cost of producing a crop tended, by broadening the individual citizen's the laborer's position, still the real betterment to

The Natural Way,

The globe-trotter is impressed with certain The man who has purchased land for \$10 an acre is slow to realize that when land values have appreciated to \$50 an acre the value of the profive times as great to yield the same rate of profit. changing of styles in every thing, from boots to proportion of males and females in the population, there will prevail neat, well-kept home-It must be admitted, to a large extent, that the steadings and where the relative proportion of cent. on the investment, but the profit is dimin- standard of living varies with the age and the men is greater than of women, there the farmneighborhood in which one lives. The father who steads are less inviting, the borders of the fields ball team, by telling him how little money he had are dotted with the flowers of weeds, and about to spend when a boy, is using an unfair argument. the house and barns will be found hedges of It is easy to do without things one never has had, weeds breast-high, rank and defiant. These particularly if his neighbors haven't them, either. circumstances are intimations of the direction in which to work to find a solution of the vexed labor the other boys were doing the same, but it would problem and a remedy for dirty farms. Where sting the spirit of the least sensitive lad to be the there are wives to be had men and women usually only one wearing such foot-gear in public. The marry and troupes of boys and girls gladden the young couple who have come West to rough it on days of their parents; the forces of humanity increase and humanity is ever by instinct the straits. Had they remained in the East, they enemy of thorns and briars. These reflections would have found it necessary to spend more for lend color to Mr. McKellar's plea in last week's issue for the offering of more inducements to female immigrants. The only real cure for weeds to the conclusion that he can have no possible is manual labor and in our country the opporcause for complaint. Rents have increased at a tunities for weeds to flourish have become out of feverish rate, the cost of most staple lines of goods all proportion to the labor to combat them. These are about the average figures for the has risen considerably since then, besides which Added to this there is always present in every So far no official statistics have been collected The working man of to-day aspires—and quite individual a desire to clean up the person and for Western Canada, and in view of the significance properly and worthily aspires—above the position surroundings just as we all at about fourteen of rental charges in the cost of production it is of a mere clodhopper. His own self-respect and years of age begin to wash behind our ears and doubtful if such data would be of much value the interests of his family demand that he con-brush our matted, tangled heads. The influence in this enquiry, since land varies with us from ten form, in so far as his means allow, to the usages to fifty dollars per acre within a radius of forty and amenities of civilization. The city laborer is only temperature is most significant. Woman miles, depending not upon its productiove power, has his water rates to pay, his rent or taxes and is only temporary, is most significant. Woman interest, his electric-light or gas bill, his street- is the salvation of our farms.

Some Needed Reforms.

EDITOR FARMER'S ADVOCATE:

available supply is none too large. While rail- taken. road construction is not extensive as was last year expected, it engages the employment of a larger number of men and cuts down considerably the number available for farm work.

number that will avail themselves of the excursions which start from eastern parts in a short time, but already officials from the two provincial Departments of Agriculture are making preparations for their reception and distribution. 8,000 is a conservative estimate of the number that will yet be required and that in all probability another thousand will be necessary to harvest this year's crop. Last year 8,066 men were actually distributed, but this year, although there is an increase of 15% in the average, all of which will likely be harvested, the yield over the province does not promise to be so high so last year, which was phenomenal. Much will depend on in the matter of the number of men that will be required to harvest the crop.

long we can depend for our harvest help on these Their land being new will stand and in some cases a change in their methods of farming on that round and at the same time return a profit, must a mare in foal a prize in the yeld class account and in some districts causing a deprecia- be worked out. tion in the value of farm land. This is in the growing while the source of supply is decreasing. Recently an ingenious citizen of the Republic to the harvesting of the crops from South America enough has been said to convince the most obduboard.—Ed.] up through the States and into Canada. It looks easy and some day may be put in practical can count on that for the solution of his labor fast rule can be laid down as what suits one farm Editor Farmer's Advocate: difficulties. He can, however, depend on a supply from another source, Great Britain. The excursions run by the C. P. R. last year when some 1,800 laborers were brought from England direct to the West, demonstrated what could be done in this direction. The supply in Ontario and the farther East will not fail for some time. Each year sees shipload after shipload from Great Britain and other European countries, land in Canada, induced to come by the available homesteads in the West. But so urgent is the Ontario farmer's demand for help that a large number renovate the soil. The determination with which advancing something like the same theory as of these are intercepted. Many of them, how-some farmers have persisted in sowing clover seed your present writer puts forth, but the breeder ever, only remain for a year or two; then after and in changing conditions to try to find the best of Prince of Wales came forth and distinctly receiving a training in farm work they take the treatment to get a catch is deserving of the com- proved one of his granddams as having been excursions to the West. It is largely on these mendation of every well-wisher of the country, and bred in Derbyshire and the other granddam in that the promoters of the excursions and those merits the gratitude of every farmer. In the action Warwickshire, from which counties they were that the promoters of the excursions and those of the clover plant upon fields that have been long they are designed to benefit must ultimately enlivated we believe the solution of the problem of taken north by dealers. If any of your various

warrant the title "the flour barrel of the world" to confine our attention and place our dependence in one crop alone; to strain every muscle of our Farming in the West is undergoing a change, bodies during seeding; to take just enough gentle is in a sort of transition period, and as a conse-exercise for a pleasant healthy appetite while the quence many problems are cropping up for crop is ripening and then to rustle up harvestsolution. Some of these concern the production help, anything that looks like a man, and to go at end of the business, some the selling end, and it again in harvest-time like a whirl-wind? some the social. Considering the first mentioned, Present indications are that an opportune time EDITOR FARMER'S ADVOCATE: the one which receives the larger share of the is at hand for a change. Wheat growing on farmer's attention and at which he is now busily account of the relatively small initial outlay engaged, many interesting points present them-required, the quick and frequently abundant selves. One of the primary requisites of the returns that can readily be converted into cash, would like to correct. production end is labor, which at present is is the ideal crop for the homesteader or the sideration of the labor market indicates that the which almost everything but weeds has been

Little as yet is definitely known regarding the in older parts was years ago much the same as ahead of the yearling filly. it is here now, that is to say, they grew wheat, sick of the job and finally so weak that it refused to produce a paying crop. Then they quit wheat Rotha and made a different turnout. and tried to coax the land to grow something Take the province of Saskatchewan alone. At else, but while it did better at that it was too date of writing, August 10th, applications for weak and worn out to return a good profit. Then 5,500 men have already been received by the they got sore on it and those of them that could Department of Agriculture and Mr. Hedley Auld, lit out for the towns and cities. Are we drifting chief of the Bureau of Statistics, states that in the same direction? To the writer if he reads the sign aright, there are three facts indicating in the case of the older established farms the necessity for a change. The scarcity, frequent inefficiency and high price of farm labor that is hired for a few months only, the alarming increase and spread of noxious weeds and the depletion of fertility, the decline in the soil's crop producing capabilities, comprise the three. More mixed farming must be done if these difficulties are to be overcome. the weather from now on, as regards yield, and This is not equivalent to saying to every farmer. "Go into the stock business," for on some farms, the newer ones, the beginners will find wheat will To the thoughtful the question of just how return a quicker profit on a smaller investment. supply in the East is not by any means inex- crop for a few years. But this cannot be conthe available supply of farm help, necessitating enable the farmer to keep his labor the year

The unsatisfactory nature of our labor supply main true. There are on record statistics that is only too apparent to every farmer; the necessity the rules in the prize list. Lady Rotha, whatever go to show that a considerable proportion of for prompt, vigorous, intelligent action in regard she may have looked at Regina, has since been those that come out on the harvest excursions to the weeds cannot fail to have escaped his proved to have been in foal. At Winnipeg the remain in the country; some go back East only attention, especially this season, and the reduction prize list insists that a brood mare must have a to return later, while some go back and stay tion in his yields to the acre must have forced foal by her side and as Lady Rotha did not foal there. As long as our supply of homesteads and itself rudely upon him before now. These are until after the exhibition she was not eligible to low-priced land holds out, and as long as it is the facts that have presented themselves to us be shown in the brood mare section, but was repeatedly. How much longer are we to ignore eligible in the yeld mare class. Personally we can count on excursions, but the number in the them, to procrastinate and to delay the working think the rules governing the brood mare class East taking advantage of them cannot continue out of a remedy? Many have sought a remedy, should be somewhat flexible, so that a mare that as it has been doing. There are not enough but the great majority still refuse to act. A gives evidence of having raised a foal or of being rotation is necessary. A judicious mixture of in foal would be eligible. At spring shows it is grain and grass growing and stock raising, with difficult to decide very often when a mare is not the manure back in the land, brings about the due to foal until late, whether she is more properly the south advanced the idea that a sort of inter-desired result. There are a number of different a brood or a yeld mare and exhibitors should be national harvesting gang be organized and follow ways in which this may be accomplished, but willing to abide by the rules of the exhibition rate of the necessity for a change in the direction operation, but it is doubtful if the Western farmer must be determined by himself; no hard and indicated. The manner in which he works it out may not give the best result on another. However, much can be learned from the methods of another. Contributions on the subject are useful and helpful.

The Good Work of Clover.

The reports we have received this season of flouring crops of red clover in different parts of Manitoba are most gratifying to us, since we have so persistently cultivated we believe the solution of the problem of moisture conserving and of firming the soil will be readers had seen Prince of Wales I am sure they But is the West, in harvesting her crops, found, and if the crop is persisted with, it will prove would have been able to detect the Shire in many

HORSE

Judging at Regina.

In looking over your report of Saskatchewan's provincial exhibition at Regina I notice some omissions and misleading statements which I

The judges were asked by the directors to select a male champion and reserve, also a female beginning to give the farmer some anxiety beginner. But it cannot be wheat, wheat, all select a male champion and reserve, also a female Requisitions sent in from the various centers for the time. The land will not stand it and the champion and reserve. We placed the Van Horne men, indicate that a considerable amount of farmer's duty to his family demands that he leave horse, Lord Ardwell, for champion (already extra help will be required this year, while a con- them a farm in good condition and not one from mentioned) and Baron of Arcola for reserve (not mentioned). In the female class Mr. P. M. Bredt's four-year-old, Irene, was placed champion The experience of the past is the teacher of the and W. H. Bryce's yearling, Lady Montrave present, and it is no less the prophet of the future. Ronald, reserve champion; in the later class the We can learn much from other countries or differ- assistance of Dr. Folmie of B. C. was called and he ent districts of the same country. Agriculture reversed my judgment, placing the four-year-old

In the Clydesdale teams the judgment of Mr. wheat, wheat, and kept at it until the land got Gibson and Prof. Rutherford was not reversed as stated, as Rosadora took the place of Lady

TULLY ELDER. Regina. [We are aware that we had made an error in naming Lady Rotha instead of Rosadora, but that does not alter the case perceptibly, for Mr. Gibson placed Lady Rotha over Rosadora in their class. We gladly make the correction in the names. As for the reserves for championship, we are glad to have their names, as it is often difficult to watch all rings of stock when the judging is going on, but we must admit that we were under the impression that the competition in the female championship was between Irene and Baron's Lassie and supposed the second choice was the reserve.—Ed.]

Brood or Yeld Mare.

EDITOR FARMER'S ADVOCATE:

As I am interested in horse judging and horse excursions, must have presented itself. The improve with continuous cropping with the one showing, I am anxious to know how it is that the same horse, I mean Lady Rotha, was shown haustible. In fact, the farmers there have been tinued. While wheat may still be a staple crop, in the brood mare class at Regina Spring Show for a number of years complaining that the West a system of farming which will keep down weeds, and as a yeld mare at the Winnipeg Exhibition. was taking the best of their young men, lessening conserve fertility, keep the land in good condition, I think a judge should use his eyes and not give a veld mare a prize in the brood mare class, nor

Summerbury, Sask.

[These matters are very largely regulated by

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Darnley and Prince of Wales,

I notice an excellent article in your valuable paper on these two celebrated sires, and from personally knowing these two noted horses I think the writer does ample justice to them, but falls into the common error of not doing justice to Prince of Wales' back breeding; but of course, Clydesdale fanciers do not like to acknowledge the English cart horse blood which undoubtedly ran through his veins. The secretary of the Clydesdale Horse Society a few years ago was always to require a large number of men for a one of the strongest enemies of weeds. Successful points of his formation, and again seeing that short length of time? Are we always going to growers are invited to give the fact every prominence, both of his granddams were grey in color I

Saskatchewan's

I notice some ients which I

e directors to , also a female the Van Horne pion (already or reserve (not s Mr. P. M. ced champion .dy Montrave ater class the called and he four-year-old

gment of Mr. not reversed lace of Lady

LY ELDER. an error in lora, but that or Mr. Gibson n their class. names. As e are glad to ult to watch is going on, under the the female nd Baron's ice was the

> g and horse it is that was shown oring Show Exhibition. id not give class, nor

J. B. L. gulated by whatever since been inipeg the d not foal eligible to but was onally we nare class nare that · of being lows it is are is not properly hould be xhibition

> valuable ad from iorses 1 iem, but istice to course, dge the ubtedly of the go was orv as breeder stinctly g been rarious e thev g that olor

Fleming, the breeder, published his letter in the culty the sure Clydesdale men have in taking Live Stock Journal. the old Prince's breeding, and I have watched their various efforts to get his two Shire crosses eradicted for thirty years. Why not acknowledge it and be as they have had to be with several more so-called Clydesdales.? No, I am market.

DRAFT HORSE.

A Question of Sex in Foals.

EDITOR FARMER'S ADVOCATE:

journal I read "that ten Clydesdale mares had foaled at 'Doune Lodge' and that nine foals are deducting and summarizing

WM. E. RAMSAY. much without arriving at any definite conclusion that we are not disposed to pursue it. In fact, we are just about convinced that neither time, place, age, temperature, health, or any external, do with the determining of sex in unborn animals. this matter.—ED.]

Color in Horses,

Breeding to color in horses has long been a action, causes the horse to go stift. the world his opinion upon the matter as it plete inability to move the limb. applies to Thoroughbreds, Hackneys and Shires. Sir Walter explains the different colors in horses, and the reason for the increasing frequency of some and the decrease of others. Suggestions are also offered as to how horses may be bred to color. Sir Walter's ideas upon chestnut Hackneys are especially worth repeating. The reason why the color is becoming more common is easily explained when we glance at the "color pedigree" of the best modern Hackney stallions. Danegelt (foaled 1879), a most successful sire, was a wholecolored dark chestnut; his sire, Denmark (foaled 1862). and his grandsire, Sir Charles (foaled 1843), were both chestnuts. Performer (foaled 1840), the sire of Sir Charles, was a brown. The chestnuts may be said to have lain dormant for a few generations, as Performer traces back to Jenkinson's Fireaway, whose sire, Driver, and grandsire, The Original Shales, were both chestnuts.

The success of chestnut Hackneys at the most important shows held during recent years, is a matter of common knowledge; it has been noteworthy ever since the date of the establishment of the Hackney Horse Society, in 1884. As a natural consequence, the services of these chestnuts have been in great demand by breeders, and the color has been inherited with other characteristics by the progeny. There can be no doubt but that the chestnut is an impressive color; in other words, that it has a strong tendency to reproduce itself. A chestnut mare, put to a stallion of the same color, will almost certainly throw a chestnut foal. To illustrate the truth of this, it may be mentioned that during the fifteen years, 1891 10 1906, considerably more than 100 chestnut wals were bred at the Elsenham stud by mating

born and from conversation with him quite and other noted horses. The volume is full of possible on the lame limb. recently he said the granddams were undoubtedly interesting and instructive information, and will Weakness of the limbs, either congenital or English cart mares. Of course I see the diffi- be read with profit by breeders and others.— acquired, may cause lameness and inability to

Lameness in Horses. (Continued.)

the camp across the water and destroy their only find out the seat of its cause. In all cases where being well developed and having little antagonispractice to remove the shoe and examine the foot flexed and the animal able to move only with assisted by observing the peculiarity of action, cramp, which renders him very lame for a time. In a previous issue of your very valuable which will be discussed later on, as the various lamenesses are observed.

Lameness is not of itself a disease, but a sign males." I also see in other columns the theory of it. It is the expression of pain or inability, advanced that breeding in the morning produces the result of disease, accident or malformation males, whilst an evening embrace results in in the limb or limbs in which it is manifested. It females. I have made enquiries at Mr. Bryce's may, however, arise from disease apart from the stables and learn that to date eleven mares have limbs, as from injury to or disease of the spinal fealed and that there are ten males and one filly cord, from disease of the brain, disease of the resulting, and that his mares are invariably bred arteries or nerves, and occasionally from disease in the evening. Such a preponderance of males of the liver. It may exist for a time independent is singular and affords room for research. Might of disease—a mere expression of pain without a jerking motion, the head being held moderately I ask that you institute enquiries along this line actual disease, as from a stone in the shoe or a for the benefit of those of us who have not such badly-fitting shoe, but if these causes of pain and will be jerked in agony. an opportunity for enquiring or abilities for lameness exist for any length of time, inflammation is sure to follow. Disease much oftener exists in a limb without lameness than lameness [We should like to accommodate our corres- without disease. Thus, a horse may have a pondent, but we have studied the question so wound, ulcer, bony deposit, a tumor, or other diseased condition in a limb, without showing alone are sufficient to indicate the seat and nature lameness. Some authorities claim that any impediment in action is lameness, while others severe character, manifested by "pointing, claim that lameness cannot exist without pain, and standing with the lame leg flexed or elevated from visible controllable circumstance has anything to that where disease which interferes with action the ground, with the healthy feet placed as much but does not cause pain exists, it causes stiffness, under the body as possible to bear the weight. We are, however, willing to assist any person who but not lameness. For example, the fracture of a wishes to conduct further investigations into bone or inflammatory action in a joint may result in anchylosis (the union of the bones into one by bony deposit) of two or more bones of the joint, ment, and experience teaches us that a slow trot which, when inflammatory action has ceased, on hard ground, with a loose rein, is the best causes no pain, but interferes more or less with pace. A horse may walk lame, but in most cases Again, comsubject of more than ordinary interest, and Sir plete dislocation of the patella (stifle bone) Walter Gilbey, Bart., is the latest author to give causes the animal no pain, but produces com-

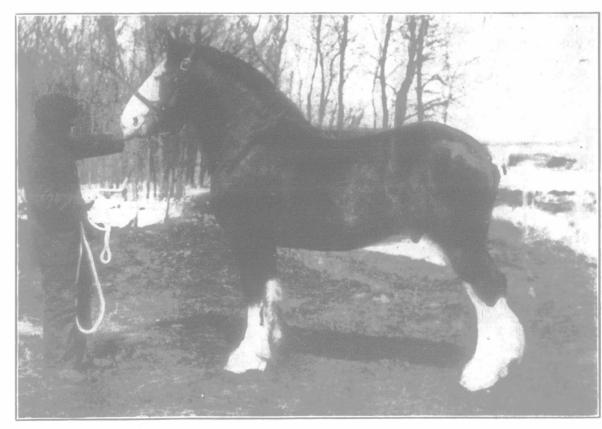
think that conclusively proves that there was mares of this color with Danegelt and his son, Pain may be generally said to be the comother than Clyde blood there. Mr. Nichol Royal Danegelt, both of which were chestnuts. mon cause of lameness. The patient feels the Sir Walter traces, also, the coloring of grey, pain either when he moves the limb or when North British Agriculturist and his statements bay, and brown, and roan Hackneys, and his he bears weight or presses upon it. During were never contradicted and I think he would be findings make a capital study. In the same style motion the patient endeavors to avoid throwing in the best position to know the breeding of he treats the original color (and those developed weight upon the lame limb by treading lightly Prince of Wales, and from his personal experience since) from the racehorse, and the many-colored or stepping short, and by removing weight as far of the old Scotch horse dealers who used to come Shires. Illustrating his work are many excellent from the seat of pain as he can, not only by using and buy draft fillies in England and carry them illustrations, from Sir Walter Gilbey's private col- the lame limb in a manner best calculated for through into Scotland before any Studbooks lection of paintings. They include Mr. Fulwar this purpose—as by treading on the heels when were formed, personally knowing the farm Craven and his Norfolk Hackney; Grey Diomed, the pain is in the toe, and upon the toes when in bailiff who was present when Prince of Wales was the property of the Duke of Bedford; Danegelt, the heels—but also by throwing as little weight as

perform the functions of progression properly. For example, want of development of muscular fibre in the extensor muscles of the forearm. sometimes seen in foals, causes the animal to stand and walk upon the front part of the fetlock The examiner, having satisfied himself which joint, the heel of the foot and the fetlock pad afraid this Canadian rule will cause trouble in leg the horse is lame in, must now endeavor to being in close contact: due to the flexor muscles doubt exists as to the seat of lameness, it is good tic power opposed to them, the fetlock joint is carefully; and if he fails to find anything wrong great difficulty. Again, a horse may be lame there, he must endeavor to find out where the from excess of tonicity in the muscles of the lameness is by a careful manual examination, limb, accompanied by much pain, as in muscular

For the detection of the lame limb, the following general rules should be observed; when the lame limb comes to the ground during progression, the patient suddenly elevates that side of the body and drops the other side. If the lameness be in the fore limb, the head, as well as the fore part of the body, is raised from the lame and dropped upon the sound limb. This is called "nodding. If the lameness be in a hind limb, the quarter of the lame side will be elevated, and that of the steady, unless the pain be great, in which case it

The signs indicating the seat of lameness are of two kinds: (1) Those manifested by action, and (2) those discoverable by examination while the animal is at rest. In some cases the latter of the disease, but the lameness must be of a

In the majority of cases, however, it is necessary to cause the patient to perform some movethe peculiar characteristics of the lameness are best shown at the gait mentioned. There are cases of lameness, however, as in slight splint



BARON KEIR (IMP.) Winner of First Prize in the Aged Clydesdale Stallion Class at Regina Exhbition. Owned and exhibited by P. M. Bredt, Golden West Stock Farm, Regina,

normal gait can be noticed.

STOCK

(Contributions invited.

Discussions welcomed.)

Breed Registration.

juncture:

Nowadays, when every recognized breed of horses, cattle, sheep, pigs in the United Kingdom possesses its stud, herd or flock book, and when the offshoots of these, in many cases, in foreign countries exceed in size the parent volumes, it is difficult to realize that at one time no such records existed. One might almost speak of the romance of breed registration, for the difficulties that were encountered and surmounted by the early promoters were numerous and formidable. It was many years after the General Studbook was originally issued, in 1793, before it had any companions or imitators, and the recent multiplication of breed registers, which have increased within the last few years with astonishing rapidity, makes it almost impossible to appreciate the trouble that beset the pioneers of the work.

There was, at the outset, no general recognition of the need of pedigree records, or any idea, pushed it further than its originators would have except on the part of a few, that they would serve a useful purpose. Some of the great breeders of haps scarcely advisable, and the building up of early times were resolutely opposed to the publication of the pedigrees of their stock, because they considered that the particulars required were of the purity of the race. One would think, indeed, divulged. Most people will remember the indig-register that is regarded as sufficient in the home asked for the pedigree of an animal he had sold: "Tell him that he was bred by So-and-So; that is a matter of domestic arrangement, on which the is pedigree enough for anybody." In the absence opinions of outsiders may not, perhaps, be of hearty co-operation, it is wonderful that the work proceeded at all. In a number of cases the withholding of information by some prominent breeders undoubtedly caused the initial volumes to be less complete and accurate than they might otherwise have been.

In several instances the idea of having a breed collecting materials, and then, when the stage of publication had been reached, the difficulty of cost arose, and time after time the work was rescued as well as the will. How much is due both to

There is no doubt as to one purpose which was entertained by the first editor and compiler of the oldest Studbook in existence—that for Thoroughbied horses, and still entitled "The General Studbook." The author expressly stated in the preface (which, however, did not appear in the first edition, published in 1793, or in the second, published in 1803, but only in that of 1808) that, "with a view to correct the then increasing evil of false and inaccurate pedigrees, he was, in the year 1791, prevailed upon to publish 'An Introduction to the General Studbook.'" That was clearly his object in the collection of the pedigrees, and it is a object which is served by this and all subsequent registers. But the author of the General Studbook further claimed that his volume "contained, in the most concise and most approved form, a greater mass of authentic information respecting the pedigrees of horses than had ever before been collected together." That, it is believed, more accurately expresses the aim of most of the compilers; the wish was to give correct information. The art of breeding was no longer to be one of mystery, but was to be carried out in the full light of day, with all available information accurately printed for the use of

lameness, where it is necessary to urge the patient breeders and others alike. Moreover, the publi- effects of the private registration of a flock, which to a sharp trot before any deviation from the cation of pedigrees enabled breeders to know what is the true craft of the breeder—systems, such as flocks. The pedigrees showed clearly how, by the use of certain ingredients, a high-class animal had even collars with numbered tags, present thembeen produced, and their intelligent study is one selves, and are already in use in many parts of the that the use of such a sire or dam, the union of cerpracticable or not, the individual registration of tain strains, produced certain results, and what on operations upon intelligible principles.

The following article, taken from a recent issue the preservation of the purity of breeds and to the regulation as to the registration of a leading of the London Live Stock Journal, will be of exclusion of alien strains. Probably this is the interest to breeders in Canada at the present most valuable influence of all, and has done breed of imported horses may cause considerable enforce improvements within the lines of the time of export of every animal purchased. breed, instead of relying more upon the introduction of outside blood. Although the records of Every animal, indeed, if it be of ascertained pure formance, but, as a rule, the test is one of blood alone, and not of excellence as well.

It is only natural that the plan of published pedigrees of live stock should have originated in this old-settled country, rather than in those of more recent growth. Curiously enough, however, the newer countries have seized upon the idea and dreamt of. Some of these developments are perregistry walls against imported stock in some cases may suggest other views as well as zeal for the nature of trade secrets that ought not to be that the qualification of an animal for entry in a nant reply of a very eminent breeder when he was of the breed, might reasonably be considered adequate in the land of its adoption. However, that required.

record occurred to one individual, who set about these observations. As would have been noticed by Mr. Herbert Gibson, of Buenos Ayres, to the speaking very expensive. from its difficulties by the munificence and public Lincoln, he threw out the suggestion that in sheep International Conference of Sheep-breeders, at It is interesting to speculate as to the inspiring ignorance of origin. There is no technical diffi- at considerable cost of time and money. motives of those who first originated the idea of culty in keeping an individual record of dams. breed registers. Probably the enterprise was not The genuine shepherd keeps one in his head. But begun with a single object, but with several, for the effects of registration—above all, for the

was being done outside their own herds, studs or ear notches, of numerical value, paint brands, or of the sources of the breeder's power. It was seen world." It must be said, however, that, whether has once been done could be repeated on the same ewes in large flocks would entail a great amount lines. The breed registers thus became of the of labor, and with a flock registered, and all its greatest and most practical assistance in carrying proceedings open to the public gaze, there does not seem to be sufficient cause for adding so much Of course, too, careful registration tended to to the work of the breeder. In Canada, a new much to maintain distinctive breeds, and to inconvenience, requiring the registration at the

These facts show that the custodians of breed human genealogy, in the form of peerages and lists registers in this country have not only to conof titled personages, doubtless supplied a hint in duct them on lines approved by themselves, but the institution of live-stock registers, yet it cannot that distant countries may put forward schemes be said that much has been done in this direction. that cannot be dismissed without careful study blood, can secure admission to the breed register, and that may, if adopted, lead to further elaboraand no cognizance is taken of individual merit, tion of the system of breed registration. These There has been some attempt in America to form are among the accompaniments of celebrity, and an advanced register, based upon merit of per- from this point of view the various suggestions may be welcomed.

Lard and Pine Tar For Flies,

EDITOR FARMER'S ADVOCATE:

In reply to your correspondent, who writes regarding flies, would say that we have tried practically everything that has been thought of here or that has been recommended elsewhere, and have come to the conclusion that the best, all things considered, is a mixture of ten parts lard and one of pine tar, stirred thoroughly together, and applied with a brush or a bit of cloth to the parts most attacked by the flies. Application has to be made about twice a week. It takes a little time, but not so much time as other applications, for the reason that nearly all other applications have to be made once or twice a day. Some applications, such as fish oil, last quite as long, but are so malodorous as to be quite impossible in a dairy The expansion of some of the breed registers is stable. Others, such as kerosene emulsion, require wonderful. This is seen in the decision of the so much preparation and such care in the prepara-Shorthorn Society to revert to an earlier plan of tion as to make their use more expensive than issuing the volumes giving the pedigrees of bulls the mixture of lard and pine tar, although the separately from those recording the entries of the materials of which they are prepared are somewhat cows. Other recent developments have suggested cheaper. The preparations on the market are usually of such a character as to require very from the report of the excellent paper contributed frequent application, and they are also generally

Your correspondent is perfectly right when he spirit of some enthusiasts gifted with the means registration the time had arrived for individualizcow from flies in the season. the individuals who started and pushed the project, and to those who did not hesitate to risk individualizing the dam was beyond debate. "She be freed from the pest with little or no effort on loss by financing the undertaking, it would be is the mother of the one, the sire the father of his part. Every possible remedy known has been difficult to calculate. They certainly deserve far many. To suggest that registration of the sire tried, but the very nature of the pest is such that more credit for what they did than they have ever alone is sufficient individualization of the off- it is not likely that it will ever be found possible spring is to admit a minimum of 50-per-cent. to get rid of these flies or to combat them, save

I. H. GRISDALE, Agriculturist. Central Experimental Farm, Ottawa.



AGED CLYDESDALED STALLIONS AT BRANDON EXHIBITION. Concord. Scottish Pancy, Gartahoile, Sturdy Royal.

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In the Trade.

The prospects are for higher prices for both beef cattle and hogs. Chicago reports say exporters are tumbling over themselves to get cattle and that the buyers consider Alberta grass steers worth 6 cents per pound fed and watered in Chicago. Alberta ranchers offer the inducement of 21/2 to 3 cents competition, which the Americans do not appear to be afraid of in spite of the almost prohibitory duty and long freight haul. That Canadian cattle should move across the line to a 6 cent market in Chicago cattle, for it will be the best that will go across,

The hog trade is even more promising than the than 10c. peep shows? staunchest advocates of swine raising could have hoped to have realized. Cattle are high priced and the unfortunate mortality among spring litters which was discussed in these columns last spring was quite general all over the country and far south. Added to this fact there is the certain prospect that wheat will not be cheap and with the increasing consuming population in Canada branch of farming.

The Sheep Trade Looking Up.

our recent fairs that there is an increasing demand summer-fallows, and return a welcome income farmers, for in spite of the fact that there are many of the machines have been in the past? plenty of thoroughly practical, close-estimating men, who can figure that it is an expense to raise sheep and other stock for the meat market, the are making good returns from their stock right various makes of the same type of machine and along. With feeding stock it seems that a lot of the feed and labor expended upon them and counted as part of the cost of production is really nothing more than a good investment and proves a modern adaptation of the affirmative side of stand would also be a great convenience, the the old saw "eating your cake and having it."

This awakening demand for sheep is felt all over America and as is usual the Americans are most anxious about it. For the first time in history sheep are higher west of the Mississippi valley than they are east of it. In the West the severe winter, the demand on the Pacific coast, lambs, the general desire to feed, etc., all give impetus to a trade that is proving quite profitable. Canadian farmers can well afford to investigate the first year and most of them were young, and cate the rising generation in the art of vulgarity per cent. The industry is inviting enough for destroy the art. a man with the grasping nature of a Rockefeller.

(Comments upon farming operations invited.)

Winnipeg "Industrial" Exhibition.

EDITOR FARMER'S ADVOCATE:

Directors of fairs and others interested therein would appear to overlook the important part agricultural machinery plays in the production of live stock, grain, cheese, butter, etc., and the expense manufacturers entail by exhibiting at from 27.5 bushels per acre in 1903, to 74 bushels

hog raising should continue to be a most profitable amusement, provided it is of an innocent nature, between 49.67 bushels in 1905 and 77.4 bushels by all means let them have it, but not to the in 1906, although there was very little difference detriment of industrial exhibits. If the fair is in the ordinary crops in these two seasons, and to consist of horse-racing, sports, cheap and vul- conditions were much the same. There has also gar amusements, then why not call it the "Win- been a great increase in the strength and vigor We are glad to learn from sheep exhibitors at nipeg Pleasure Exhibition' and drop the present of the growing crop, the blades being of great our recent fairs that there is an increasing demand appellation; viz., "The Winnipeg Industrial breadth, very dark in color, and the straw being for their stock. Manitoba farmers also intimate Exhibition." If, however, the directors desire to tall and standing up well. to us that they have concluded that a few sheep continue the combination, surely that which is Our land, being a sandy loam, is well adapted on their farms will help to fight weeds, pack the conducive to the sustenance of man and beast for the growing of seed, and we are able to sow should receive greater publicity that what is mere-less seed per acre, without danger of damage by when wheat is not moving. The wolf nuisance ly a luxury, which without the former could not frost, in order to give the individual plants is not so formidable now as formerly in the older be indulged in! Why should not the machinery plenty of room for development. This is one settled parts and fences are becoming more com- for instance, be brought up to the position of the main things to be considered in this sy-tem mon. All this augurs well for the condition of now occupied by the peep shows, and let the of seed selection. We sow about one bushel of our farms and the financial condition of our latter be installed out in the wilderness, as wheat and two of oats per acre, and on the hand

Again, why cannot the machinery be classified, and so arranged that visitors interested in that opposite is true; namely, that there are men who class of exhibit can more readily compare the not as now be compelled to wander through several different buildings to find the machine they may wish to inspect. A catalog with the name of the exhibitor, and the number of his expense of which should not be difficult to defray from advertisements appearing therein. Prizes are given for horses, cattle, dairy produce, racing, etc. Why should not some be offered for machinery? Say, for instance, for the best grain cleaning machine, a machine that would assist in eradication of weeds of which there are now numberless acres and yearly increasing, or any two years and the consequent close selling of other appliance that would tend to reduce the from the soil.

the sheep raising industry. Just recently an medium of the press, reminded of the educational condition, although later than usual, in common Alberta sheep raiser informed us that his flock value these institutions possess for the public, with the others in this district made him over 80 per cent. upon his investment Surely it cannot be considered necessary to educasince then the per cent. profit upon his capital profanity or gambling! Rather a prize should and labor expended has not fallen below 100 be offered for the best implement that would

AGRICULTURIST.



C. W. Thurn's Steam Plowing Outfit, breaking prairie with a Cockshutt Power GANG AT HIGH RIVER, ALTA.

Special Work with Oats and Wheat.

EDITOR FARMER'S ADVOCATE:

With this are a few figures, showing the results of our work during the last four years, in the selection of seed, under the regulations of the Canadian Seed Growers' Association, of which we are members. These regulations call for the growing of a plot of at least one-quarter acre each year, on specially prepared land, of seed selected by hand from a similar plot the year before. The produce of this plot, after enough large across the line to a 6 cent market in Chicago In concluding your remarks upon the present-heads from the largest and best developed plants when such a thing is rarely thought of in Winni-day fairs, you say, "Let us not forget that live are selected to sow the plot in the following year, peg even with weighing off cars, is not surpris-ing, and the prospects of losing some of the best nificant features in these institutions." What Plot," producing general crop seed. When this about the machinery which enables the tiller of system has been carried on for three successive will probably have the desired effect upon our the soil or the stock breeder to raise these pro- seasons the seed from these plots is entitled to ducts? Is it not deserving of more prominence be registered in the records of the Association as Purebred Registered Seed." The accompanying figures show an increased yield per acre, which, while it may not be entirely the result of this system, goes to prove the benefits to be derived from some such system as this.

There has been an increase in the yield of oats in 1906. This it for the improved seed. In the If the public are desirous of cheap and noisy general crop seed there is a gain of the difference

> selected seed plots, we stop up every third spout of the drill, so as to have plenty of room for the work of selection, as well as for the better develment of the plants.

> We have done much of our work so far with oats, but are taking up the selection of wheat as well, and expect to have as good results as from the oats. The great difficulty will be to keep this seed absolutely free from the seeds of noxious weeds, which up till now we have not been greatly troubled with.

While we are having good results in increased yields and vigorous seed, there is of course nore work and expense, in connection with this than with ordinary crops, but so far we have been able to dispose of all the seed we have had to spare, at prices which more than make up the difference. As the regulations demand that it shall be grown on specially prepared land the quantity which cost, improve the quality and increase the yield can be raised will always be limited, to a certain extent.

We have every prospect of a continuance of We are over and over again, through the these results for this year, our crop being in fine

OATS, IMPORTED REGISTERED SEED,	Kind of soil of harvest in this dis.	Light Fair sandy loam		do. Very good	D SEED.	Light Good sandy	do. Very good		Light Good sandy
REGISTERED SEED	Quality.	First	do.	do.	EGISTERE	First	do.	FYFE.	First class
ORTED REC	Average Yield,	27.5 bu.	*24.7 bu.	74 bu.	OATS, GENERAL CROP REGISTERED SEED	49.67 bu.	77.4 bu.	WHEAT, RED FYFE.	22.2 bu.
OATS, IMPORTED	Acres.	-(-1	do.	do.	GENERA	۳.	ıc.	WH	← 4
0.0	Variety.	Banner /	do.	*Partly destroyed.	OATS.	Ваппет	do.		Red Fyfe
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Gilbert Plains, Man.

Dow Bros.

Steam v. Animal Power Plowing.

EDITOR FARMER'S ADVOCATE:

Recently I had occasion to run down the country for a few days and during my trip called in at Dakotah, 25 miles southwest of Winnipeg, where I spent a day on the farm of Mr. C. Winslow, who has lately become possessed of one of the most modern steam plowing outfits in the West.

shown in the illustration on the preceding page.

I found the outfit at work on a piece of very rough and soddy ground, covered with a variety of weeds, the land having recently been flooded from the Assiniboine. The engine was travelling along at about two miles per hour, pulling the 10 stubble bottom with the greatest of ease. The crew consisted of an engineer, fireman, plowman and two teamsters.

The outfit had just come up off another section, where it had plowed some 240 acres of heavy stubble ground, which would have necessitated eight mules to the gang. During the working of this piece of ground Mr. Winslow took particular notice as to the amount of coal burnt and the acreage per day, and found with 2,100 pounds of coal about twenty-five acres could be turned miles of land plowed at a speed of 1.80 miles per shewing a margin of 45 cents per acre in favor cabbage leaves early in the morning. Hellebore hour. Allowing for turning at the headlands and of steam. an occasional stoppage for cleaning the fire and coaling, the speed of the engine must have been a small traction engine which he uses for grindabout two miles per hour. The water was ing feed, threshing, etc., and I supposed having taken in whilst the engine was travelling.

Owing to rain we were compelled to retire to the house, where we spent some time roughing out an approximate cost for plowing an acre of the stubble land mentioned.

The total value of the machinery in use was taken at \$4,500, made up as follows: engine \$3,500, plow \$700, two steel tanks \$120 and a couple of wagons \$130.

Now to apportion the interest and depreciation per working day, it was necessary to decide on the number of days per annum that the outfit would be at work. This, to be on the safe side, we took at seventy days, although doubtless the machinery will be working for a more extended period of the year.

pose of our calculation we decided to allot for eats only when working. this \$5.00 per day.

ance, etc. etc.

plowing twenty-five acres as follows:

lowing twenty-live acres as ronous.	
Engineer	\$ 3.00
Fireman	1.50
Plowman	1.50
Two teamsters and teams (a \$3.00	6.00
Beard of five men @ . 50	2.50
Feed of Teams @ .50	1.00
2,100 lbs. of coal at \$7.00 per ton	7 - 35
0.1 0.0	. 50
Total on \$4 500 for 70 days at 6 (5.14
Depreciation on \$4.500 for 70 days at 15	6 9.65
Wear and tear	5.00
General Expenses	2.00

one for half a day.

of \$300. Let us, nowever, take the value at 6.35. destroy the worms might come dangerously arranged little scheme for tearing up the soil to a

40 mules at \$250		 .\$10	,000.00
40 sets of harness	at \$17.00		680.00
5 gang plows at \$	75.00		375.00
30 01			

Now to apportion the interest and depreciation chargeable per day would be somewhat difficult owing to the mules and harness being used many more days in the year and for many other pur-· The machinery consists of a 32-horse, simple, poses than that of plowing. Let us, however, Case engine, a ro-furrow Cockshutt plow, two try to arrive at a cost of plowing the twenty-five steel tanks and a couple of wagons, the engine acres by taking the rate for a team and teamster and plow being identically the same as that at the same figure as for those employed in conday, plus 50 cents for board of man and fifty only upon the outer leaves, and not a particle junction with the steam plow, viz., \$3.00 per cents for feed of team. For the extra teams to gets into the head itself. The amount used to a each gang let us allow \$1.50 and fifty cents for single cabbage plant is so minute that in order feed per team. To this something must be added really to poison a man it would be necessary for use of plows and management. Let it be assumed that \$2.00 per day would cover this.

Ve should	ers at \$1	.50					 	, ,	 5 7.5
20 team	sat \$1.5	0							30.0
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General	Expense	S							 2.0

Mr. Winslow has now 32 mules, 4 horses and man. It is more expensive than Paris Green. purchased the new steam plowing outfit that he EDITOR FARMER'S ADVOCATE: would be reducing his working staff of animals. "No" said he, "You see with my present force and by using steam for the heavy work of plowwith the short working seasons we are having, it is important to get the plowing all done in the fall, and this I can do by commencing to break up the stubbles as soon as the crop is cut.

plowing outfit from running 12, 14, 18, or even ceed very far with a practical discussion of the 20 hours per day; it simply means having a subject. He drifts over at once to the easier, the change of men and two extra teams, whereas in purely theoretical side of the case. In this sense the case of animal plowing not only would extra he discusses the whole thing fairly well, certainly teamsters be required, but a duplicate complement from the facts as he states them his conclusions The rate of interest was taken at 8% and hours; also greater stabling accommodation would which Prof. Campbell has been doing down in the depreciation at 15%. The wear and tear of be required. Besides, no farmer would wish to bad lands of the south, and upon a remark once course could only be arrived at after the con- keep such a large number of animals during the made by a young girl who afterwards became course course course that the purchase of the working season, but for the purchase clusion of the working season of the working season of the working season of the purchase clusion of the purchase c

in the spring, but by the use of steam a deeper plowing in the case of the mules would either in reply. mean a reduction in the acreage per day or an We believe, as Mr. Greig does, that as the o increase of animal force.

o of his working staff of animals.

A. Burness Greig.

Treatment for the Cabbage Worm.

The cabbage worm seems this season to be doing considerable damage to the cabbage crop. It may not be any more prevalent this year than \$45.14 others, but at the same time it is making no little From this it will be seen that the cost of plow- trouble to those who grow cabbages, and unless ing an acre is \$1.81, say \$1.85. I may here men- its ravages are checked it is likely to cause no tion that before purchasing the steam outfit, Mr. small pecuniary loss. There are various remedies Winslow had agreed to pay \$3.00 per acre to advised to destroy this pest, but the active have this land plowed, as he was somewhat in principle of them all is the same; that is, poisonarrears with his work—so that on this 240 acres ing by some insecticide, of which Paris Green is alone he made a saving of something like \$276.00. the most common example. A great many other remedies have been recommended, and some of I have said before that to plow this same them are undoubtedly useful, but nothing is so land with mules, eight would be required for satisfactory and cheap as the Paris Green, and a name, each gang, which in ten hours would plow on without gross carelessness there is not the slightest the average four and one-half acres. So that to danger in the application. We have seen all farmer to direct his attention to the study of do the twenty-five acres per day either six gangs do the twenty-five acres per day either six gangs kinds of remedies used, applications of salt and science, and the problem of soil moisture is one of water, water at a temperature of about 150 the most important that he is now facing. I degrees, and hand picking of the caterpillars. Strongly suspect, however, that the solution of Let us see what capital five complete outfits The last of these is quite an undertaking if more this problem is to be found in quite a different would represent. The cost of a good mule, duty would represent. The cost of a good mule, duty of doubtful efficiency; in fact, brine can have no seeks for the point of the would represent. The cost of a good into day of doubtful efficiency; in fact, brine can have no seeks to persuade us it exists. Frankly, we insecticidal effects and water but enough paid, from the States, is to-day in the neighbor of \$300. Let us, however, take the value at \$250, insecticidal effects and water hot enough to place small credence in Mr. Greig's nicely

near injuring the plants. A good many people though do not care about applying an active poison to a cabbage head, since it is that portion of the plant to which the poison is applied which Total\$11,055.00 is used for food. There is little danger, however. of being poisoned from eating cabbage treated with Paris Green. In fact, where the crop is g own commercially this remedy is always used, and we have yet to hear of anyone being injured by eating the cabbage.

The cabbage heads form from within-that is to say, the leaves unfold from the center of the head and do not fold together to form it; therefore. whatever poison is put upon the plant can fall leaves and all, and if death then resulted it could be more properly attributed to the cabbage itself than to the Paris Green. In cooking cabbage the outer leaves are generally torn off, the head itself cut up, washed and boiled. Chemical analysis has shown that on a head so prepared. within a week after a heavy application of Paris Green, not a trace of poison remains. Paris Green for this purpose should be mixed in pro-\$52.00 portion of about one pound in 125 gallons of This is the total for 22.5 acres, so to complete water; add a little hard or soft soap to prevent the 25 we must add one tenth, making the total the liquid rolling off the leaves. Another remedy \$57.20, or \$2.28 per acre—say \$2.30—thus sometimes used is hellebore dusted over the

Steam Plows and Moisture Conserving.

Your correspondent in Aug. 7th issue, under this caption, undertakes to persuade us that the ing I can crop another 600 acres of land; further, only hope for agriculture on these plains for the future, is the wholesale adoption by farmers everywhere of motor-driven cultivating, seeding, moisture-saving machinery. He very properly in the first paragraph of his remarks divides science into two parts, theoretic and practical, Now there is nothing to prevent the steam but unfortunately this gentleman does not proof 20 teams would be necessary to accomplish are logically drawn. He evidently bases his the same amount of work in a like number of whole theory upon some little experimental work Editor, are sufficient to afford your correspondent Then again, not only will the land be in better a foundation for those theoretical absurdities General expenses were taken at \$2.00, these to condition from being exposed to the atmosphere which he is apparently endeavoring to promulnclude management, boiler inspection, insur- for a longer period and much more easily worked gate among the agriculturists of this country, the renouncement of such nonsense is sufficient reason From the foregoing we compiled the cost of and better cultivation can be obtained. Deeper for us devoting a paragraph or two to the subject

science of agriculture advances a good many of o Like many other farmers, Mr. Winslow would the practices now in vogue will be dropped. We o welcome the advent of the light agricultural believe too that farming methods will change; o motor on the farm so as to reduce the number that within the next twenty years advancement quite as marked as that which characterized the past two decades will be made; that the horse is going to be superseded by something else as the motive power on the farm just as surely as laborsaving machinery has reduced the work of men. But at the same time the principles of the art of agriculture itself cannot and will not change. There is nothing new in Prof. Campbell's moisture conserving scheme. It's simply the practical application of what to physical scientists has long been a recognized fact. The new part comes in where your correspondent drifts away from the beaten paths of sound experience, gives free range to that otherwise unsuspected poetic temperament of his, lulls us onward with him to the realms of speculation, where his imaginative mind makes phase and form from things unknown, 'and gives to airy nothing a local habitation and

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land that the true and only solution of the mois- have yet to see it fail. glance in reply.

It is well to remember in approaching this this new scheme affect any modification? subject, that there are three distinct ways in is evidently thinking about all through his instance, the form known as hygroscopic mois-have found in our own practice that shallow runners will have to be set down by hand. ater in the soil bathed in this upper twelve inches of soil full of like to take this one point up with your correspon- accumulated at my table. water "like a sponge." What is required in dent, Mr. Editor, and argue his theoretical pro- Woody River, Man.

cultural science had begun to work out this mois- percolate down into it, not for eight or ten inches, advocating these same theories with him, were thing could be accomplished by no other means. published. born, and it is along these other lines that the No motor or horse driven subsoiler yet invented true solution of the whole problem has already can do it. It can be done by one thing only and been, or in future is going to be found. What that thing is the clover plant: the roots of this crop is required in the average soil that suffers from are voracious subsoilers; they penetrate, some moisture scarcity is greater water holding mater- varieties at least, to depths of from one to twenty ial. Given that and the problem ceases to exist. feet. Their roots when they decay form chan-For example, you could cultivate a pure sand nels down which water is readily conveyed to the with all the motor or horse driven machinery lower depths. They make the lower soil more that was ever devised, you might open it as deeply pervious, they increase its capillary power, and as you liked, but you couldn't increase that soil's they are as well a fertilizer of no small import. capacity to retain moisture by the smallest frac- There is no soil that I know of in these Western Strawberry Growing in Northern Manitoba. tion of a per cent. But incorporate into that provinces that could not be penetrated by clover sand some organic material, plow down a crop roots. I have seen it growing a few inches above, or apply some barn-yard manure, and the pre- and sending its long roots down into the genuine viously barren sand becomes productive; it begins hard pan, not just the common clay subsoil we to retain the moisture which it receives. It is have in most places here. If a subsoil is too the same with these soils to which your corres- hard for clover to send its roots into, it cannot spondent has reference. Understand, I don't be cultivated by any kind of cultivating machinmean to say that cultivation has nothing to do ery yet seen in America. It may be urged that with moisture conservation; we know that it clover cannot be grown very successfully in this plays an important part. That I do mean to say province, that it is still an experiment. We have is, that however important cultivation may be in grown clover on our own farm here in Southern this respect, it is in rational cultural methods in Alberta for the past five years on soils similar conjunction with the proper cropping of the to those your correspondent talks about, and we

ture problem is to be found, and with all deference Then in respect to climate, I confess I do not would submit that such methods of cultivation quite understand Mr. Greig's statement in this are neither rational nor correct. The advocates to qualify it a little, for any man who has ever of such absurdities as these are in a class with the thought about the matter at all, knows that the hair-brained American scientist who rushed into cultivation of the soil, no matter how it is done, print a few years ago with the results of an how deeply or how shallow, can have no appreexperiment or two which he had conducted which ciable effect on climate. The climate of this seemed to show that the mechanical condition country is dependent on no such factor as this of a soil at seeding and during the growing season, for its existence. The soils of this country have a writer who displa s as much intelligence and at least, over a quarter of a century, show that as good a grounding in his subject as Mr. Greig in so far as climate is concerned the breaking climate of Northern Manitoba are "Warfield"

depth of a foot or fourteen inches, under the managing a soil to increase its water retaining positions, with sound practical contentions, hallucination that he is increasing that soil's capacity, is to get the lower subsoil opened up by but I feel that to do so at this time would be capacity to hold water "like a sponge." Agri- some means; get it so that water may freely imposing too much upon your space. I have set imposing too much upon your space. I have set ture conserving problem, along other lines, years but to as many feet. To accomplish this only forth our views of the question as clearly as I can, before this gentleman and others who are now natural forces can be employed. In truth the and trust to see the ideas of other practical men

Alta.

H. OSCAR SHELDON.

Horticulture and Forestry

EDITOR FARMER'S ADVOCATE:

Before coming to Northern Manitoba I was engaged in the fruit growing business in Missouri for over 30 years, and immediately upon taking up my residence in the Swan River Valley began the growing of strawberries. The success we have had here in this time convinces me that the climate here is just as good as it is in any place in the States for this crop, provided the following conditions are complied with:

The land should not be too light and sandy, that it will dry out too much in winter and result in winter killing. Plants will survive through our coldest winter, provided the land as were outlined in your journal on Aug. 7th, respect. Perhaps it would be well to permit him is sufficiently heavy to hold moisture. A friable clay loam that will produce about 35 bushels of wheat per acre is the best for strawberry growing. The plants should be set out in a sheltered place where they will be protected against high winds and where the snow will lie on them over winter. In the fall cover them with a mulch of straw or hay before the snow falls and leave it on until had all and the plant food in that soil nothing to now been cultivated for years, and the records the beginning of May or until the growth has well do with the production of the crop. Ordinarily, of the Dominion meteorological service, for the started, the idea being to retard growth so as to nonsense such as this is simply ignored, but when same field, extending as they do in one instance avoid the danger of June frosts to the blossoms.

The varieties I have found most adapted to the displays, comes with such clearcut statements up of these virgin prairies and their subsequent and "Senator Dunlap" and I have tried out as these, the occasion calls for some passing cultivation has had no visible effect on either large numbers only to discard them. With these temperature or precipitation. How then can varieties you need to plant alternate rows and there will be no danger but what they will fruit And lastly I would like to touch upon Mr. well. Prepare the land in the fall by plowing which water is held in the soil, There is the free Greig's theory of weed eradication. For the and harrowing four or five times and set out water of percolation, the kind your correspondent worst weeds that we have in this country to-day, the plants in the spring and if possible set homesuch an eradicating scheme as this would only grown plants. Set the rows about 4 feet apart remarks; there is the capillary water, the water be a means of aiding the pests to flourish with and the plants about 3 feet apart in the row. that is lifted up from the lower depths by the greater luxuriance, would only be a method of Keep the weeds down and allow the runners third form which may be disregarded in this instance, the form known as hygroscopic mois-

that we are most concerned. Any ordinary rid of weeds, that tearing the soil up good and remove from the Swan River Valley to a different plant can flourish with the free water table several deep only gave the pests a chance to get a firmer climate, and I would thank you to inform your feet below the surface; in fact, more of the agri- hold, and I believe this has been the experience readers that I am unable to answer the correscultural plants could grow if their roots were of practical farmers everywhere. I would just pondence upon strawberry subjects which has

J. H. Monsees.



CATTLE AT HAWTHORN BANK STOCK FARM. The Property of John Graham, Carberry, Man.

Records a Business Necessity.

EDITOR FARMER'S ADVOCATE:

We started testing our cows on the first of July, 1902, and have continued ever since, and intend to do so as long as we need to make money in operation since July 1st, 1906. from our dairy. Prof. Grisdale of Ottawa induced us to begin, and still furnishes us with day is hardly worth mentioning. We have slowly but constantly improving. the scales and the record sheet close by the milk First, the feeding of cows. When a cow calves, of course, she must be fed light for a few days; then, by watching the record sheet, the feeder can tell tell if it is time to change the pasture better than by looking at the field. He soon finds out, as we did last winter, how much better ensilage is than roots. Second, bettering the herd by selection. We have only six of our original cows left replaced by heifers raised from the best cows, bred of course, to a good Jersey bull. Third, we find they can be shown their past record.

Now for figures. You will find below how our herd has increased from month to month and year to year, and remember that the figures for 1906 are from seven two-year-olds, six three-yearolds, and six old cows:

order, and but old	CO W S.				
	1902.	1903.	1904.	1905.	1906.
January	64	81	120	1414	$213\frac{1}{2}$
February	IOI	1413	1901	1972	2741
March	1633	249	2803	2027	3681
April	2563	$297\frac{1}{2}$	343	3831	392
May	3672	4303	$445\frac{1}{2}$	520	605
June	318	4244	412	4501	6413
July	297	3651	3734	$339\frac{1}{2}$	5532
August	$288\frac{1}{2}$	312	3134	3594	4871
September	2243	3313	2601	330	410
October	1103	2463	2311	306	4691
November	731	1442	2221	2497	349
December	59	92	1353	2361	3132
			R. M.	HALLIE	DAY.

Herdsman for J. A. Halliday.

Vancouver, B. C.

Improving the Quality of Milk and Cream at Creameries.

The author of Bulletin No. 132, New Hampshire Station, makes the following statement regarding American creameries, which statement is probably true, also, of creameries in Canada:

tiened conditions is brought into contact with pay well all through the year."

many undesirable bacteria, and bad flavors are the natural result. It frequently happens that cream is not cooled to a low temperature and properly cared for after it is separated on the farm, and often is it of uncertain age when delivered at the creamery.

In order to improve the quality of the cream delivered at the New Hampshire College creamery the milk and cream is graded and paid for accordblank record sheets, etc. The time it takes per quality of milk and cream received has been drew a thin cotton bag over the hen's head and

In order to induce patrons to improve the shelf, and I don't think it takes three minutes a quality of the raw material furnished, a scale of day extra time. Of course, the records have to prices has been adopted. One cent extra per be added up afterwards, but that is done at night. Pound has been paid patrons for butter-fat in milk We test every two months, finding that cows price has been paid patrons for butter-fat in milk or cream scoring 95 points or over. The usual kindly treated don't vary much in butter-fat. or cream scoring 90 and under 95 points. One Some of the advantages of keeping a record are: cent less than the usual price per pound has been paid patrons for butter-fat in milk or cream scorthe usual price per pound has been paid patrons to be particularly common in turkeys, but from which for butter-fat in milk or cream scoring 80 and when he has reached the point of profitable under 85. Three cents less than the usual price "stuffing." He can tell if the cow is beginning has been paid for milk and cream scoring 75 and to shrink, and investigate the reason. He can under 80 points. Patrons furnishing milk or cream scoring under 75 points have at once been notified that they must improve the product or it would no longer be accepted at the creamery.

The foregoing will serve as a guide to those who are struggling with the problem of trying to does not appear to have been previously recorded improve the quality of the raw material delivered now. The rest have been weeded out and at our creameries and cheeseries. We have been tinental Europe its serious nature has been recogworking at this question for years, but up to the nized, and in America it has been carefully investpresent have found no satisfactory solution. In our last monthly letter to patrons we said, "It that people will buy cows much more readily when is taught that men and women shall be rewarded or punished finally according to the deeds done in the body," but in this life there are many ways popularly by the name of "Blackhead." The cases of avoiding or getting around pains and punishments. It is practically impossible to frame any been in fowls. The cause of the disease is a small set of rules which will suit all cases. Someone protozoon called Amaeba meleagridis, of Smith. has said that men and women are but grown-up children. We all know that children dread pun- diseases of man and animals year by year seems to ishment and love rewards. We have, therefore, to be more prominently brought to our notice. One work on the reward plan more, and less on pun- has only to refer to the malarial fevers and sleeping ishments, when dealing with a free and independ-sickness of man, the red-water and East Coast fevers ent people, such as are Canadians. We are fol- of cattle, the tsetse disease of horses, etc., to recoglowing the reward plan of offering one cent a nize the vital importance of these minute parasitic pound fat premium for sweet cream testing 25 per cent. fat or over, and delivered not less than three times a week in hot weather. The results the crudest of ways. will be made known later. H. H. D.

Prize Butter-making.

making centest at Winnipeg, outlining her system irregular in outline, and with a distinct nucleus. of making dairy butter on the farm.

"In regard to my method of making butter I might say that I used the same method in the this subject. butter-making competition as I do in my own home dairy. My plan is about as follows:

to cool (never mixing it until cool). To ripen it it has, I find, been more than once taken for tuber-During the past few years but little improve- for churning I raise the temperature to 85, keeping culosis, and I should not be at all surprised if many ment has been made in the quality of creamery at that for about two hours, then cooling down cases of reported tuberculosis of the liver have really butter; this, too, in spite of the fact that cream- to 60. Before churning I cool down to 54 in been this parasitic hepatitis. Unless carefully preery buttermakers, as a class, have never before summer and 60 in winter. I use a Daisy churn been so well infermed regarding their work, and stop churning as soon as the butter granules Never before have they been able to make use of are about the size of wheat grains. The butteras good machinery and special apparatus, and milk is drawn off and the butter covered with It is very difficult to note any very marked symptoms. never before has a fine quality of butter been more cold water in which it stands half an hour. When toms until the disease is in a very advanced stage. largely sought after by the consuming public." this is drawn off the butter is covered again with Diarrhoea is one of the most constant features, fol-In many instances the quality of creamery water in which half a cup of salt has been dis- lowed by emaciation and general weakness. Now butter has become poorer, in spite of the above- solved. I let it stand fifteen minutes this time and again there seems to be considerable puffiness mentioned improved conditions. In looking for a and then drain off as dry as possible. Then I add of the head and a reculiar discoloration which gave reason for this condition of affairs the writer one curce of salt to every pound of butter, give rise in America to the term 'blackhead' in turkeys says: "The reason is seemingly found in the the chuin a few turns and let it stand again for the effects of the parasites were most marked intergradual change which has taken place in the half an hour; then churn again until the butter is nally, there were no signs of facial discoloration: methods employed by dairy farmers in delivering in small lumps. I use a Waters butter in fact, it is almost impossible to diagnose this disease their product to the creameries. This change has worker and put the butter through about five in the ordinary way. The post-mortem appearances resulted in the acceptance and use by creamery- times, but not enough to destroy the grain. I are very marked in both the liver and in the two men of a poorer grade of milk, and, more particu- use a separator and from twelve cows churn blind intestinal sacs or cæca. The liver becomes larly, a poorer grade of cream for buttermaking." twice a week. I may say that I find it impossi- greatly enlarged. In one specimen examined it was It sometimes happens that separators are used ble to make good butter without a therm meter quite double the normal size. Over its surface are It sometimes happens that separators are used several times without being properly cleaned, and in some instances they are placed and used in seme convenient but dark and dirty corner of the seme convenient but dark and dirty corner barn. Cream separated under the above-men- Winnipeg for all they can make at prices that In color they vary from grey to mottled pale brown.

POULTRY

Cranky Hens.

EDITOR FARMER'S ADVOCATE:

Occasionally I have had hens so cranky with ing to grade and quality. The system has been their chickens that several chickens would be The scale of killed before ready to leave the nest. Recently points used for grading is as follows: Flavor, one hen proved of a very cranky nature and after 50; acidity, 25; condition, 25; total, 100. Dur- several chickens were picked and the remainder ing the time this method has been on trial the badly frightened I placed them under her and neck. It was amusing to watch her pick in the direction of the chickens, but being unable to aim correctly she concluded to give up the attempt. and next day she did not need the muzzle and since shows quite an angelic or motherly dis-

Blackhead Discussed by an English Expert.

In view of the undeniable prevalence in America ing 85 and under 90 points. Two cents less than of blackhead, a parasitic liver disease which appears other poultry is not free, the following treatise of it, read by Fred V. Theobald, M. A., Southeastern Agricultural College, Wye, Kent, before the National Poultry Conference at University College, Reading, Eng., will be read with interest by many poultry-

'During the past four years, several cases of what has been called 'infectious entero-hepatitis' have been sent to me for examination. This disease in Britain, but is probably quite common. In Conigated by several observers. The disease is probably very widespread over both European and American continents, but there are no records to show whether it is present elsewhere. It appears that the disease that have come to my knowledge have, all but two,

"The part that parasitic protozoa play in various animals to the health of ourselves and our stock With regard to our poultry, we know at present little or nothing regarding their complaints, except in the crudest of ways. Protozoa, however, are known to produce two well-known diseases in them; the first is known as spirillosis, or fowl fever-a very fatal malady in poultry in South America, caused by a small parasite, a spirocæhta. The parasites which cause the entero-hepatitis in poultry are quite Below is a briefarticle by Mrs. Tomes of Plumas, different; as far as I can ascertain, they seem to be Man., one of the prize-winners in the butter- true amœbæ, of round or oval form, somewhat As far back as 1893 and 1894 Smith worked on this subject in America, and Moore in 1895 and 1896; Salmon and Stiles have more recently investigated

"In this paper I only intend to point out the general appearance and effects of the disease. It "After separating the milk I allow the cream is somewhat important to notice this disease, because pared and stained sections of the liver are made. it is quite impossible to say what is the cause, unless

the other parts of the body are also examined. This I have seen in fowls, but in two cases, in which when freshly formed; later they assume a yellow

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glish Expert.

ce in America which appears ut from which ng treatise of Southeastern the National ege, Reading, nany poultry-

eral cases of ero-hepatitis' This disease 1sly recorded on. In Conbeen recogefully investe is probably nd American how whether t the disease nd is known The cases all but two, e is a small , of Smith.

v in various ar seems to otice. One and sleeping Coast fevers ., to recogte parasitio our stock. resent little except in are known them; the ica, caused e parasites y are quite seem to be somewhat t nucleus. ed on this 1896; Salvestigated

> t out the sease. It e, because for tuberd if many ave really fully prere made. se, unless mined. Birds.ed symped stage. ures, folpuffiness ich gave turkers. in which ad interoration s disease arances the two pecomes 1 it was face are rm, but om that Salmon ameter. brown vellow.

and cheesy appearance. All stages between may

AUGUST 21, 1907

be found, the yellow, cheesy color originating in the middle of the pale spots. These yellow areas represent dead hepatic tissue, which keeps spreading outwards. These areas not only occur on the surface of the liver, but I have also found them deep in the tissue, and later they become readily separated, as hard cores, from the degenerating hepatic tissue surrounding them. If the liver only in examined, and that casually, one may easily be lead to assume that it is invaded by tuberculosis. Nothing but with a yellowish-white mass of cells, with blood corpuscles intermixed, and the inner walls also become cæca is very important to look out for where we find yellow spots on the liver, as it at once gives us a clue to the true cause of the disease.

"The life-cycle of the parasite.—The life cycle of pass into the lumen of the cæca, and so into the referred to, the parasites killing the tissue and spreading outwards into the sound hepatic substance as the central area dies and the parasites increase. bile tubes, and so regain the intestines.

"How they reach the liver we have no direct evidence, but it is thought by the blood and derived from the cæca. This is probably partly the case, for I have found them in one case studding the spleen. But I am inclined to think that the liver may become two to six weeks after infection (Salmon) the bird is an exceptionally well-bred stallion. any illness, and in some cases birds are said to recover.

"Infection is derived from the parasites passed amœbæthen enter the liver and cæca, and soon com- which in horse company like they had at Lethbridge fluid in the swollen heads of affected birds.

cannot satisfactorily diagnose the disease. We may, however, suspect its presence in sickly birds that it is present in one or more fowls. If this is the case it is advisable to clear out their stock and start afresh, in a new run or on new land. Runs which diseased birds have been should be well soaked with carbolic, at the rate of ten quarts of carbolic to parts of water, and then the land should be well dug over. To some extent it may be checked where exhibit. Cattle, sheep and swine made a rather light showing majority signed by four, and a minority of one, bear-ing the signature of Mr. W. L. Micks, of the Local Government Board, and formerly a prominent worker in the earlier days of the Congested Districts Board.

The majority report, in its general tone, reviews the run well cleared down.

FIELD NOTES

Successful Exhibition at Lethbridge.

Lethbridge Fair was a success, a success for beyond anything previously given in Southern Alberta, a nally, the two sacs present a swollen and inflamed expended this year upwards of three thousand dollars appearance; the walls become thickened, and dull in improving their equipment, in extending their grey and yellowish masses of exudate arise on the live stock stabling, in fitting their buildings to better serous covering. The cæca frequently become accommodate the products of the soil. The entries united to the intestine by this exudate, and even numbered more than double those of last year; the kind that won out in competition with all others. it is said, to the abdominal walls, but this I have quality in every line was of the highest order. Two not yet noticed. Internally, the sacs become filled attractions stood out foremost, and made the star features of the fair: heavy horses and field grain. The estimated value of the horses that paraded before spotted with pale areas similar to those seen in the the grand stand was at least \$200,000; they were as liver, but smaller. This swollen appearance of the fine a bunch as could be gathered together at one place in that part of the province. Percherons, Clydesdales and Hackneys from the Bradshaw, Harvey and Ewen studs, vied with each other for the admiration of the crowds. R. W. Bradshaw Amaeba melagridis does not seem to have been satisof Magrath had a string of Percherons out of which factorily worked out. It certainly multiplies in the anything ever shown in Western Canada. A good cæca, not only in the mocuos membrane, but also right in the muscular tissue, Reproduction here before they came out here. Bradshaw got all the seems mainly by fission. The masses of protozoa money in mares, in young stallions, and won the specials given by the Percheron Society of America. We find exactly the same process taking He had among his entries a number of individuals place in the liver tissue, where the parasites reproduce that deserve more than passing mention. The first rapidly and set up the round areas of the disease of these is Fildor, a black, with all the substance, quality and weight he needs, a flat, clean bone, and good action. He was a winner in the three-year-olds. the central area dies and the parasites increase. Then there was Malice, the first prize two-year-old, These nidi burst, and thus the amœbæ pass into the the rival of Harvey's Baron's Sorby for heavy draft bile tubes. sweepstake honors, and Pink II, a four months old foal that weighed 700 pounds. Bradshaw also showed a French coach of special merit, Ataman, first in his class as a yearling at Illinois State Fair, well-bred and splendidly actioned.

The Clydes were a good exhibit. The class for Baron's Pride, imported to this country by Sorby of Guelph, Ont., brought to Western Canada by Ino. birds' food or water, and thus get ingested. The the sweepstakes prize, competing against all breeds, mence to multiply after penetrating the tissue, is no small honor. The other exhibitors of Clydesdales Similar organisms have been found in the serous were Messrs. Hanson, Henshaw, Smith, McCaugherty and Harker, who divided the money in the other this disease is impossible. In the first place we Saddle and Carriage horses made a large class, altogether too large to be taken up in detail here. They were the equal of the heavies in quality and numbers, in a run, if we find by post-mortem appearances the competitions in nearly all sections quite as exciting and keen.

suspected by giving the birds very little clean water stock; Whitney was first and second in two-year-old

breed, the Berkshires, and T. B. Snell was the only exhibitor.

Poultry on the other hand, were strongly shown. Anyone who has ever visited Lethbridge tair knows that poultry is one of its largest features. The society have spendid housing accomodation for this exhibit; they are encouraging the industry in every way possible. It is really marvellous the advancement made in Alberta during the past few years in poultry. The Government fattening stations at various places have demonstrated clearly the moneycareful, microscopic examination can separate the two diseases, so far as I have observed. But besides, in the liver there are marked lesions in the cæca, by society has yet held. And the association well merits which we can at once tell the cause of death. Exter-the patronage which their show receives. They are for the patronage which their show receives. They have for the patronage when the fair Barred Rocks. have for the past year. At the fair Barred Rocks made the best showing, though the entries in this breed were scarcely so large as they have been on former occasions. They were breeding pens of this

GRAINS, GRASSES, VEGETABLES, FRUIT.

This exhibit made one of the most attractive features of the fair. Grain in the sheaf, especially, came in for a deal of attention. In winter wheat the eame in for a deal of attention. In winter wheat the entries were large. T. Woolford, who got first in Winnipeg, was first again here. Grasses made a conspicuous display. The timothy, Western rye, red clover and alfalfa samples exhibited prove the certainty of this districts' hay growing possibilities. Some of the grasses shown were over seven feet in length. Vegetables, that is garden truck of all kinds, made a fine display. The Chinamen had this department pretty much to themselves and put up a good exhibit in roots, garden vegetables, cauliflower, cabbage, etc. This exhibit was one of the best seen this year in Alberta. The fruit show was good Strawberries, raspberries, gooseberries, red, white and black currants, and a few apples, green of course at this season, formed the exhibit. The strawberry display made by H. D. Whitney was of special

The Irish Agricultural Enquiry.

Few people anticipated any sensational findings by the Committee of Inquiry, which recently com-pleted its investigations into the Irish Department of Agriculture and Technical Instruction; and, now infected direct from ingested germs. The disease aged stallions brought out ten competitors. Baron's that the report has actually seen the light of pubdevelops in a very variable manner. It is said from Sorby, owned by W. H. Harvey, got the prize. This licity, one looks in vain throughout the bulky docu-He is five ment for recommendation of any sweeping changes may die. At other times it takes some months to cause years old, sired by that famous Scottish Clydesdale, either in the constitution or policy of the Department. The Committee consisted of five members, whose names I have previously given, including out into the excrement from both the cæca and liver. A. Turner of Calgary, from whom he was purchased the Hon. John Dryden, of Canada, and they were These may fall in or come in contact with other by Mr. Harvey. He was first in his class; he won instructed to inquire whether experience had shown that the Department's methods were suited to the needs of Ireland, and to report on the relations between the Department and local statutory bodies, the funds at its disposal, etc. At seventeen sittings, "Treatment and Prevention.—The treatment of the only entry in Shires. Thoroughbreds, Roadsters, and the only entry in Shires. Thoroughbreds, Roadsters, ment that its operations have stood so well the test of this scrutiny, and that its work, beset, as it was, by such difficulties during the first seven existence, has been so generally approved of by the Commissioners. An interesting feature, however, is the fact that two reports have been issued-a

The majority report, in its general tone, reviews with salicylic acid dissolved in it. As infection may bulls; Fairfield first in aged bulls and sweepstakes favorably the various operations of the Department, and probably always does take place direct, it is champion. In sheep, Merinos and Shropshires made and, among the few recommendations which it conmost important that all unhealthy birds be at once the only showing. J. B. Ririe and Passey were the tains, perhaps the most interesting is that, in the isolated, and all excrement carefully removed, and exhibitors and got all the prizes in the classes in which opinion of those who signed it, the Vice-President they made entries. Swine were represented by one should not be a member of Parliament. Again, they are not in favor of substituting for the Department a board, either wholly or partly elective, as they think that continuity of policy and efficiency of administration are best secured by the responsibility being vested solely in the head of the Department. The Vice-President should not be a permanent and pensionable civil servant, but an official in charge of the administration in Ireland, of the Act of 1800, establishing the Department. With regard to the suitability of the methods adopted, the Commissioners believe that the Department has been successful in stimulating throughout the country (1) a sense that in various directions improved conditions of agriculture are within reach of the farmer, and (2) a desire to take advantage of the methods by which that improvement may, in some measure, be obtained The difficulties are admitted, by the report, to have been great; but, it is added, "the Department has had on its side the characteristic intelligence and quickness of the Irish people." The system of training Irish itinerant instructors, and the instruction given by them, have in the opinion of the Committee, been attended with marked success. Reference is also made to the harmonious co-operation of the various local bodies. Much of the report deals with the relationship between the various courcils and boards comprised in the constitution of the Department, and the opinion is expressed that the Council of Agriculture (representing the 32 counties), two-thirds of the members of which are popularly elected



Poultry Scratching Shids as arranged at a Modern Poultry Plant at Reading, England,

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and one-third nominated, should not have its powers extended beyond its present functions; viz., a deliber- EDITOR FARMER'S ADVOCATE: ative and advisory body, with the privilege of nominating two-thirds of the Agricultural Board, which, in turn, controls the finances of the Department. claim to expecting nothing very elevating It will not, however, interest Canadians to be brought through all these intricate details of inner constitution, and I refrain from doing so.

Mr. Micks has courageously published, more than out of his scheme would entail a yearly grant of a million pounds sterling for twenty years, this must make those who think his way rather dubious of hearing much of it again in the region of practical politics. Briefly put, Mr. Micks advocates the cre-Department should have its functions restricted to

WHAT HON. JOHN DRYDEN THINKS OF IRELAND.

To the majority report are added a number of of which is that which comes from the pen of the Hon. John Dryden, who states at the outset that he was agreeably surprised with the general condition of the Irish farming industry. Setting aside the congested districts and bog areas, he regards the balance of the land as favorably comparing with most countries prominent in agricultural production, as to qualities of soils and possibility of improvement in its products. He alludes to the way in which agriculture and the training of those engaged in it were allowed to drift, and refers hopefully to the awakening within the past decade. He is confident that a good beginning has been made by the Department, but urges that people must not be too impatient for results, as, in his opinion, the full benefit will not be realized for some years. In the main, he regards as correct the ideals of those in charge, among which he specially approves the preparation of the young men and women both to teach and practice the principles of higher agriculture, at colleges and by the instrumentality of itinerant instructors. In 1906 Horticulture, 28 in Poultry-raising, and 25 in Buttermaking. In many counties Mr. Dryden found the instructor exceedingly popular, and in great demand, with astonishing statements current as to benefits received. He also deals in detail with the various live stock schemes for the improvement of horses, cattle, pigs, poultry, etc., and, in connection with poultry, states that the system adopted was quite new to him. His statement to this effect leads me to believe that probably the sche in Canada; therefore, I may not be far amiss system than in other walks of life. Are they more winter apples are almost as good as last year; in quoting a paragraph from Mr. Dryden's descrip- honest than others? Are we to look for this spirit tion. He says: "The Committee of the County in the combinations working our grain trade as else Council selects the farmers in the various districts where? Will they, of all men on earth, fail to take suitable to be their agent and employee in scattering advantage of the opportunities that may be offered in the surrounding country a better variety of eggs them for the practice of any of the above-named for hatching. He is required to put away all mongrel performances. or cross-bred fowls, and accept and care for the fowls who help themselves. Who has better chances to of the particular breed selected, according to instructions supplied by the Instructor of the Department. These fowls are furnished him, and, on the understanding that he supplies, at one shilling per dozen. standing that he supplies, at one shilling per dozen, at least 70 settings of eggs each season, he receives beat the farmers at every turn? Is there not a net-£5 from the Department. In order to interest the work of conditions woven like a web around the farpeople in the scheme, a lady is employed as an itiner- mer which compels him to deliver his grain into their ant instructress, holding meetings, visiting cottages, hands thus? Have the grain growers not organized and stirring the people to take advantage of the to better facilitate the playing of their game? Do I opportunities offered. It has appeared to me that blame them? Well, not particularly. No, it seems to this scheme has very much to commend it, and it be admitted by all that the instinct is abroad; we are is easily seen that the whole egg and poultry pro- to guard against it. duct will soon be revolutionized. The increased output, as well as the improved quality, must add convention of representative grain growers, millers Europe generally, it would seem that the demand materially to the receipts of the people engaged in it. and railway men of Manitoba, Sask. and Alberta, Besides this, the improved methods of housing and called by the Saskatchewan Grain Growers' Associ caring for the poultry will guard them from disease ation to meet at Moose Jaw when the Royal Grain

remarks: "I have no hesitation in expressing the well also to have representatives from the banks and opinion that the agricultural work at present carried elevator men, say two each. on in Ireland is worthy of the nation, having the effect of drawing the different elements more closely that would work out in the best interest of the whole certainly satisfy the Canadian grower. At the together, and in various other ways will bring about West, and the Royal Grain Commission could then same time small growers were complaining to the the most beneficial results, the full effect of which ment as would ensure their being adopted. Maniwill only be clearly seen in years to come."

EMERALD ISLE.

Trading off Virtue and Honor.

May I ask for space to air a grievance in connection with our fairs. At the start I wish to say that I lay instructive from the side shows at a fair, but I hold that it is the duty of our fair authorities to see that there is nothing inside the fair grounds sanctioned by the management which is calculated to bring the blush of shame to the cheek of any man who prizes If the majority report lacks anything to cause honor and decency above the financial success of an undue excitement, the minority document, which exhibition. I was told by a prominent official of to close down anything at all loud or in any way makes up for it. He urges the reformation of the suggestive. The so-called dance to be seen at the Department, root and branch; but as the carrying last two tents on the fair grounds during the entire exhibition for at least the last two years was most suggestively described outside as being for "broadminded men and consisting of a dance from the neck down and the knees up.' You need not blush to print it, Mr. Editor. Thousands of our young women in the company of gentlemen friends were forced ation of a Development Department for all Ireland, which, to use his words, "should be altogether detached and free from the control of the Imperial depths of uncleanness. The aim of the actors seems Government and Parliament." This would take over to be to give a full line of dirt, and they are artists all the development functions of the Department and in their particular line. The latest in obscene story, the Congested Districts Board, and the present jest and song is followed by that most degrading and disgusting thing ever invented to makes rakes of education pure and simple, including experimental koochy dance''—something the devil through his fallen angels has used for many years and has not yet improved upon. And this is what a longsuffering public is asked year after year to stand for, to patronize and pay for, and why? There can be no better individual memoranda, one of the most interesting reason than that the financial side of fairs should be gratifying. Selling the honor and virtue of the youth of our land for gold! Shall we, the people, sleep on?

Pipestone Mun., Man.

Must have Co-operation.

EDITOR FARMER'S ADVOCATE:

certainly giving us farmers plenty of food for thought With more hot weather some harvesting may be done these days. In your July 2nd issue after pointing out that ten per cent. of our wheat value is dissicrops have thinned out some during drouth and late to the country of th pated in the present elevator system, the Grain Con-sown is stunted on a good many fields. I hear our ference resolutions are turned down, etc., you also yield has been rated at 18 bushels. I wouldn't like say 'a better day may be looked for. Civilization to rate much of the wheat I have seen over 12 and is beginning a war on extortion, monoply and sweat- there will be some all the way to nothing upon indishop methods, etc.'

A writer in the Toronto Globe also says, "In these days of substitution and adulteration it is well to deal only with reliable concerns." In doing so he says protect yourself and the reliable institution, and adds, "No Government or police regulation can do the parthere were 21 giving instruction in Agriculture and ticular duty that belongs to you, and all the forces put together would not protect you from substitution and more work on less area. As is generally the unless you co-operated with them by watching labels and seeing that you get what you called for You can be your own pure food law, your own quality agent, your own best protector, and you cannot delegate these things to any other person or set of very poor.

Now look, extortion, monoply, sweatshops, methods, substitution, adulteration abroad in the land! We are told to look out for it every unknown we are told to look out for it everywhere. How can we expect a better set of men in the present elevator and New York, show that the conditions for We often hear that God helps those

What shall we do? I think there should be a and much loss on that account. These are called The representatives should be about ten from the grain growers of each province, two railway men, In concluding a most interesting memo, Mr. Dryden two millers, Mr. Castle and Mr. Horn. It might be

ment as would ensure their being adopted. Manitoba Conference practically failed: it could not hope to do much else. With all due respect to the pro-

moters of it, Manitoba can hardly hope to legislate for and operate the whole grain trade of the West. The problem is still unsolved, but that does not prove there is no solution.

The questions involved are large and intricate no doubt, and as you point out are still before the farmers, for on them falls the cost of the present expensive, unreliable method. Yes, before the farmers, railway managers of these Western provinces and the Dominion Government, Clifford Sifton said to young Liberals in Winnipeg in 1903: "The transportation problem was exasperating, inexcusable. Railways should be compelled to fulfil the obligations imposed the Brandon Fair that the police had instructions in their charters, which would be done by appointing Railway Commission." Have conditions improved?

Mr. Sifton said, also speaking to the grain dealers at that time, "When the grain grower comes to Parliament and says he objects to having his wheat go through the hands of middlemen losing thereby 6 or 7 cents per bushel, that Parliament as any Parliament would not be justified in putting the farmer in a position where he loses his legal profit, and no men such as elevator men could expect legislation that would compel the farmer to ship through the elevators when by so doing he loses money. Now these men have used existing legislation so as to compel farmers to use a service they can well do without.

Conference failed, Railway Commission failed, Royal Grain Commission yet to report, and the termination of present unsatisfactory conditions yet

Farmers! Kick partyism out of sight and unite. Moose Jaw, Sask. FRED W. GREEN.

Crops in Southern Manitoba.

EDITOR FARMER'S ADVOCATE:

Up to Saturday the 10th inst. we had it hot Crops were whitening every hour and matters looked serious on the knolls, sand or gravel. A fair good rain fell on Saturdaynight and although it Your excellent paper, as well as other papers, is will not last long it may tide us over a critical period. vidual acres. Oats and barley are moderately good where sown in good time. Weather has been good for having and mostly all of it is up in good shape so far. Summer-fallows have plowed badly; a good many only shaved, but it seemed almost impossible to get a 14 or 16-inch share down into the soil. This year's outlook seems to point to less average in crop case, too much to do plays havoc in some places. People rushed to sow, some before it was fit and did not work the land enough before sowing: some kept sowing till near July and considerable at both ends is CORRESPONDENT.

Apple Crop Prospects.

but there is a great shortage on the whole crop. Michigan shows less than an average crop. The Canadian crop of winter apples will probably aggregate not more than an average crop or perhaps slightly below, taking into consideration all the exigencies yet to be met. On the other hand there will he a decided shortage in the United States of fall and early winter apples. Missouri, Kansas, Tennessee and practically all the states producing the apples that go upon the market up to Christmas time, report a very light crop, in some cases amounting to a total failure. Summer, fall and early winter apples in Canadian orchards will be decidedly light as a whole. Taking these conditions in connection with the probable light crop of apples, and only a moderate crop of all other fruits in Great Britain and in Canada for all classes of apples would this year be exceptionally good.

Judging from last year's prices and the conditions this year, it would seem that a good market is to be found in the Northwest. During the months of September and early part of October-1006, the Northwest was receiving large shipchans and Duchess

Bulletin, Fruit Division, Ottawa.

FOUNDED 1866

hope to legislate ide of the West. it does not prove

e and intricate still before the of the present fore the farmers, ovinces and the n said to young transportation ible. Railways gations imposed e by appointing

conditions im-

e grain dealers ower comes to ng his wheat go osing thereby ment as any n putting the nis legal profit could expect armer to ship oing he loses existing legisa service they

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had it hot y hour and nd or gravel. nd although it itical period. may be done if cool. The uth and late I hear our vouldn't like over 12 and g upon indierately good s been good ood shape so ly; a good t impossible e soil. This rage in crop

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he conod mar ring the October. re shipwould At the to the Astra-

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his year

Events of the Week.

M. S. McCartiny, accandidate in the next federal elections.

hailing the other day.

2500 cotton operators are out on strike in Montreal and Valleyfield.

A serious fire devasted the business portion of

A thunder storm, unusually fierce in its intensity, did considerable damage to Kenora, Ont., the other Three men were killed and a score of others seriously

injured by the explosion of a shipment of nitro-glycerine, at the M. C. R. depot, Essex, Ont. The C. P. R. have arranged for six harvesters' excursions this year from the East, leaving Ontario

from Aug. 27th to Sept. 10th. The Japanese population of British Columbia was increased the other day by the arrival of 1200 immi-

grants from Japan. Two Japanese immigrants have taken up homesteads in Alberta. They are the first of their race to take up land in the West.

Bill Miner, the notorious train robber and road agent, who escaped from the B. C. Penitentiary the other day, seems to have got clear away. The police have lost all trace of him.

Baron's Gem, one of the most famous Clydesdale stallions in Western Canada, owned by R. H. Taber, Condie, Sask., died suddenly last Thursday. He was valued at \$3000.

The telegrapher's strike seems in a fair way to tie up the business of the whole continent. Every city in the United States from Minneapolis to New York is affected. Toronto operators have gone out in sympathy.

J. T. Gordon, of the firm Gordon and Ironsides, Winnipeg, denied absolutely the other day before the Beef Commission that there was any combine whatever among the meat packers, or that his firm ever received one dollar in rebate from the C. P. R. He denied that there was any understanding between his firm and Pat Burns of Calgary; that they would not buy from farmers as readily as from regular shippers; and declared that on a business turnover last year of nine million dollars worth of business they made a profit of 2.85 per cent.

BRITISH AND FOREIGN.

Los Angeles, Cal., celebrated the 126th anniversary of its founding on Aug. 15th.

at Belfast, Ireland, last week.

grain in North Dakota and Minnesota. * * *

1500 persons have been affected to date.

"Lord" Barrington, the bogus English peer, is late and is being held back by the low temperatures convicted of murder in St. Louis, has had his sentence and wet weather. Every farmer knows that if

against the Standard Oil Company, for 'maintaining the weather has been anything but usual.

Provincial Exhibition. New West-

MANITOBA	
Woodlands	September 27
Kildonan	September 25 and 26
Gilbert Plains	October 1
Plumas	October 2
Meadow Lea	October 3
Macgregor	October 4
Beausejour	October 4 and 5
Selkirk	October 9 and 10

ALBERTA FAIRS.

	Vermilion Sept. 10 and 11
-	Vegreville Sept. 11 and 12
À	Didsbury Sept. 13
	Olds Sept. 16 and 17
	Magrath Sept 10 and 20
L	Kaymond Sept. 24 and 25
	Cardston Sent 26 and 27
	Medicine HatOct. 1 and 2
	LacombeOct. 3 and 4
	PonokaOct. 7 and 8
	Wetaskiwin Oct. 9 and 10
	InnisfailOct. 11
	Nanton Oct 15
	Pincher CreekOct. 16

SASKATCHEWAN FAIRS.

7	LashburnSeptember 12
	Lloydminster September 19 and 26
1	RadissonSeptember 28
	Quill LakeSeptember 20
	WatsonSeptember 24
,	N. Battleford October 1 and 2 Duck Lake October 2
3	Duck LakeOctober 2
-	KinistinoOctober 8
-	TisdaleOctober 17
	Melfort October 15 and 16

MARKETS

Read this summary of conditions.

weather conditions during the past week Hail storms have destroyed over 50,000 acres of service owing to the strike of the operators, tended depending upon the size and finish. Hogs, bacon, to make buying very conservative. But the unex- \$6.75. pected and unusually cool wet weather which has Erasmus Hering of Munich, Bavaria, who could prevailed just when ordinarily we have warm ripening read, write and speak in thirty-seven languages, is days and the fact that the weather has come just at a crisis in the wheat crop, have given a firmness to * * *

Spokane, Washington, is suffering from an epidemic of disease, new to physicans there More than reports and a considerable falling off in export good to heavy, \$6.00 to \$6.85; rough, heavy, \$5.60 demand. The crop in the whole spring wheat belt to \$5.95.

CANADIAN.

M. S. McCarthy, M. P. for Calgary, will not be a commuted to life imprisonment.

M. S. McCarthy, M. P. for Calgary, will not be a commuted to life imprisonment.

Scientists the world over are deeply interested in the controversy now being waged in British scientific circles over the decomposition of the elements and their transmutation into other forms by radio-activity.

CANADIAN.

Convicted of murder in St. Louis, has had his sentence commuted to life imprisonment.

** **

Scientists the world over are deeply interested in the controversy now being waged in British scientific circles over the decomposition of the elements and their transmutation into other forms by radio-activity.

** **

CANADIAN.

Scientists the world over are deeply interested in the controversy now being waged in British scientific circles over the decomposition of the elements and their transmutation into other forms by radio-activity.

** **

Weather will now insure complete ripening, but we * * *

Weather will now insure complete ripening, but we have the consoling fact that for the past ten months

A serious fire devasted the business portion of Oxbow on the morning of Aug. 14th.

Oxbow on the morning of Aug. 14th.

** * *

The next annual meeting of the Canadian Union of Municipalities will be held at Medicine Hat.

A thunder storm, unusually fierce in its intensity,

A thunder storm, unusually fierce in its intensity,

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Things to Remember.

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** * Kildonan and St. Paul fair Sept. 25th-26th Few people conceived of the amount of wheat that was carried over from last year and many of those minster, B.C......October 1 to 5 who are forced to sell now to make room or raise money are carrying parcels into December or October money are carrying parcels into December or October on the option market. The whole tone is bullish. And although Mr. Castle, the chief warehouse commissioner, sent a very optimistic report to his department at Ottawa, it was no doubt prepared when conditions were more favorable and would be considerably modified now.

> Oats continue to be good value and are advancing. The dry hot weather early in the season has shortened the crop especially in the States, which indicates that supplies will be short.

> Prices are, for grain in store at the lakes: No. 1 Hard 90c, No. 1 Nor. 89c, No. 2 Nor. 86c, No. 3 Nor; oats 40c; barley, No. 3 49c, flax, \$1.20.

PRODUCE AND MILLFEEDS (WHOLESALE).

Bran, per ton 17.50 Shorts, per ton 18.50 Chopped barley and oats 24.00 Barley 22.00	@ 19.00
Hay, per ton (cars on track, Winni-	6 1 00
peg), prairie hay	@ 14.00
Potatoes, new 1.10	@ 1.15
Butter—	
Fancy, fresh made creamery bricks	@ 25
Boxes, 56 lbs	0 =0
Boxes, 28 and 14 lbs	0 .00
Extra fancy dairy prints 19	@ 20
Dairy in tubs	@ 18
CHEESE, Man. new at Winnipeg 10	@ $10\frac{1}{2}$
Eggs, Manitoba fresh gathered, f.o. b. Winnipeg, subject to cand-	
ling17	@ 18
	18
LIVE STOCK.	

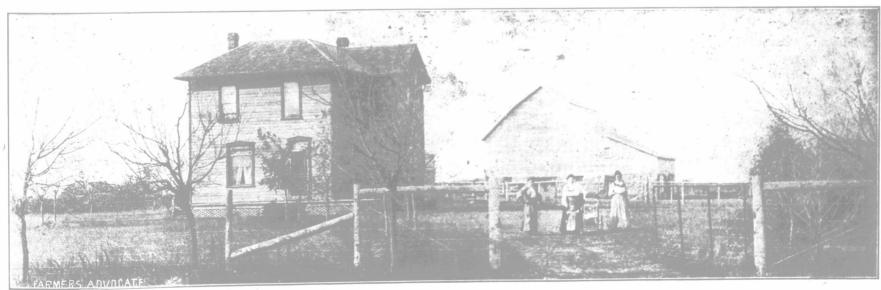
Best export steers off cars \$4.50 to \$4.75, good \$4.10 to \$4.20; best butchers \$4.00 to \$4.05; good heifers \$3.75 to \$4.00; cows \$3.50 to \$3.75; bulls, \$2.00 to \$3.25. Sheep \$6.00 to \$6.50; lambs, \$7.00 to \$7.50. Hogs best bacon, \$6.50; heavy, \$5.50; rough, \$4.50.

TORONTO LIVE STOCK.

Export trade has become more evenly adjusted were about the end of July; and this in spite of the \$5.25, with good average stuff at \$4.75 to \$4.90, fact that the disorganization of the telegraphic butchers \$3.50 to \$5.00, stockers \$2.25 to \$3.75,

CHICAGO LIVE STOCK. .

Beeves, \$4.35 to \$7.50; cows and heifers, \$1.50 to \$5.40; stockers and feeders, \$2.50 to \$4.90



SOUTHWESTERN MANITOBAN FARM BUILDINGS, WITH THE HOME BUILDERS.

HOME JOURNAL



Life, Literature and Education

IN THE WORLD OF LITERATURE AND ART.

Professor Grainger of Wawanesa has passed the examination at the Toronto College of Music tion, there still exists among the original poswith first class honors.

died in New York. He also had written much tribes whose wanderings have carried them humorous stuff and was formerly on the staff of beyond the pale of civilized influences, and is the Chicago Herald.

It will interest Roycrofters and Philistines to know that after a stubbornly fought legal battle extending over a period of two and a half years, Elbert Hubbard, founder of the Roycroft Shop at East Aurora, was condemned to pay to Frederic W. Gardner of Chicago, \$20,000 damages for breach of contract. Three years ago Hubbard and Gardner entered into an agreement, effective until the death of either party to the pact, whereby Gardner was to have absolute charge of the cash advertising inserted in the Philistine and Little Journeys, the Roycroft publications. Gardner succeeded in advancing the rate from \$25 to \$100 a page. Hubbard then began to solicit himself. An injunction was issued restraining the latter from accepting advertisements, from advertising his products in either magazines, and from accepting merchandise in exchange for advertisements. The injunction is made permanent.

and America were congregated at historic Camof the new universal language opened its inaugition. ural business session. The Dean of Ely received the visitors, and this evening "Bardell vs. Pickted by an international company. To-morrow there will be an open air entertainment, at which arrangements having been made to entertain custom, and in the presence of the whole camp Congo. The tale of the atrocious cruelties pracwas held to-day in the Guildhall, and developed much enthusiasm, as the representatives of differmance much enthusiasm. them here for many days. The business session they strangled her. ent nations reported the great and steady gains where their trial will be held before Colonel to make the civilized world certain that all is not of Esperanto. To-night's dramatic production Saunders from the headquarters at Regina. A as it should be in the Congo Free State. anto has always been considered a severely utiliary as this tribe is from any settlement, they had Association has been formed to make investigations. It has discovered that Leopold has no tarian language, useful mainly for commercial redcoat, and no resistance was offered. It is intention of allowing his Parliament to deal with purposes, it is also capable of serving the ends not probable that punishment will be dealt out the government of the Congo in any way disand purposes of art.

greso," or the third congress of the International to prevent the repetition of this cruel act will that even if annexation of the two countries took Esperanto Society. The first was held in Boulogne be dealt out to these men if their guilt is proven. place it would still be Leopold who held the representing eighteen different countries, including the United States, Mexico, Canada, Persia and ated in Central Africa with a short coast line on of interference, while being earnestly considered, Chili, in addition to European nations. Last the Atlantic. It is a fertile valley drained by the is a very delicate one to handle. Great Britain year's meeting was held at Geneva, where the Congo River, which is over 3,000 miles long and would be accused of reaching out for more terrimunicipal buildings and government university were thrown open to the delegates. Ninety dele-

Council and Scotland Yard are officially represented, the latter to determine whether Esperanto would SAVAGE SUPERSTITION NOT DEAD YET.

In spite of twentieth century western civilizasessors of this land superstition as degrading as filled Europe during the Dark Ages. Fortunately Fred Nye, a brother of the late "Bill" Nye, this unenlightened darkness is confined to a few therefore rendered conspicuous by its rarity. One example has recently been brought to light.

In Keewatin, just beyond the eastern boundary of Manitoba, is a tribe of Cree Indians, practically Ishmaelites, driven into the wildest part of an almost unsettled district because of the disfavor aroused by their savage modes of life. These Crees have a belief that a person delirious from any cause is possessed by an evil spirit, We-te-go, and if he dies during the delirium his soul is lost, while if he recovers physically, he is still a maniac with murderous and cannibal tendencies. To release the sufferer and to protect the rest of the tribe, the sick one is carefully watched and during a lucid moment is put to death with some religious ceremony by the chief of the tribe in the presence of the nearest rela-

Rumors of this unnatural practice have from time to time sifted down into the settled districts for the last twenty-five years, but evidence was wanting and not much attention was paid. But of late years the feeling of many of the Indians Nearly a thousand Esperantists from Europe has been against this cruelty perpetrated in the bridge when the third congress of the devotees has led to the acquiring of more definite informa-

As a consequence when word came that a wick," in an Esperanto translation, will be presenchief, John Pac-ja-quan, had been put to death young squaw, Sap-was-te, wife of the son of the according to these savage rites, two constables of the R. N.-W. M. P. were sent from the post on from the country does not pay the expenses of "God Save the King," will be sung by an Esperthe Nelson River to enquire into the matter, the extravagant administration. The chief anto chorus. Friday evening a ball will be held, It took them two weeks to reach the camp and industry of the country is the cultivation of the which the delegates will attend in the native by diligent questioning they gathered that the rubber tree and the harvesting of its products. costumes of their country, typifying the international young woman had contracted a fever and become In the effort to make this industry yield paying the internation has a system of expression and extention has Saturday the delegates will come to London, with his nephew, prepared to carry out the usual been instituted by the Belgian officials in the

is intended to prove that while Esper- noticeable feature of the arrest was that, remote to the full extent of the law, as the crime seems approved by him, and that he is prepared to The convention at Cambridge is "la tria konton to have arisen solely from ignorant and superarrange and re-arrange his cabinet until he can

CONDITIONS IN THE CONGO.

empties a greater volume of water into the tory if she took the lead, and the strongest hopes Atlantic than any other river save the Amazon. seem to be placed in the United States, which This state was originally connected with Europe has nothing to gain or lose by intervention. It gates attended from England and Ireland, and and European history through the explorations is said that by granting to an American syndicate of Henry M. Stanley, the noted African traveller, valuable concessions in the Congo, Leopold is At the present convention the London County and Leopold II of Belguim, whose restless energy hoping to persuade the Americans to express seized upon the knowledge Stanley was able to no adverse criticism of his rule. give him and turned it to good account.

exploration and civilization of the interior of Christianity.

Africa and the opening of it to the commerce. industry and scientific enterprise of the European world. Delegates from the most important countries came in answer to the call and an International African Association was formed to begin the movement. Interest in the scheme did not long survive the close of the convention, except in the cases of France and Belguim, who each scrambled for rights in the new territory, and of Portugal, aroused from lethargy to defend what she regarded as her undisputed possession. The Belgian king, however, established the first post and settlement at Leopoldville on Stanley Pool in 1880, and treaties were made between him and the native chiefs. This was followed by the establishment of more stations along the river through the efforts of Stanley.

In 1885, the Belgian legislature conferred upon Leopold the exclusive sovereignty of the new state, and he announced the appointment to the Congo International Conference which met in Berlin in the same year, stating that the possessions of the Congo Association were henceforth to be known as the Congo Free State and were to be under his rule. The conference then passed an act recognizing the state as a power, on condition that it remained neutral and opened its territory to the trade of all countries. The boundaries were defined by the international conference, but as years went by the influence and interest of the other powers waned, and almost the last act before the power became practically that of Leopold and Belgium, was to authorize the levying of some import duties to help pay expenses of the administration. In 1889 the King bequeathed his sovereign rights in the Congo Free State to Belgium, and the latter had the power to annex the African territory within ten years.

The greatest enemy to the early growth and prosperity of the Congo were the Arab inhabitants of the country who resented the interference of the Belgian Anti-Slavery Society in the slave trade by which they lived. Not until 1894, in spite of continued warfare, were these natives in any way subdued, and even now they carry on the traffic in slaves by stealth.

It is well known that the revenue obtained

Sympathy with the natives under Belgian The Congo Free State is a large territory situ- cruelty is felt by all the nations, but the question

If half the stories told of this unhappy country In 1876 the King of Belgium summoned a con- be true, it is high time that intervention came be useful in the conduct of international police ference at Brussels to discuss the question of the from the countries claiming civilization and

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CHILDREN'S DISEASES

By Mary E. Allen-Davidson, M. D.

If the domestic life of the Canadian West is remarkable for one thing more than another it is the large proportion of young children in the population, and this being a new country the science of sanitation is not so far advanced as in more densely populated and older settled districts; hence we anticipate our readers will follow with interest Dr. Mary E. Allen-Davidson's discussions of children's diseases. Dr. Davidson is already favorably known to the Farmer's Advocate and Home Journal readers through the publication of her series of articles upon Household Science.

DIARRHŒA IN CHILDREN. CAUSES, PREVENTION, TREATMENT.

Diarrhœa is not a disease properly. It is a symptom, and is found in every degree from a simple looseness of the bowels to profuse watery evacuations, from which death may result in a few hours. It is a far more serious condition in children than in adults, for several reasons:

adults, proportionately, because they are growing. how expeditious the latter may be. I shall take feeling in his mouth after his mouth-wash. Material must be taken in for building up their these causes in order and try to tell you how to growing bodies, as well as for nutrition. Diarrhoea sweeps away the food before it has done its work, and renders the body incapable of taking more these causes in order and try to tell you how to get rid of them, and so, of course, prevent those abominations called "comforts." As soon as baby is able to yell lustily one of these "gags" nourishment.

(b) The blood of children is poorer than that of adults, hence more dependent on a continuous supply of nutriment.

(c) Children have a feebler hold on life because of only partial development. When dealing with the causation of diarrhœa, we must take into consideration the condition of the child and the state of his surroundings.

thing almost entirely in the hands of mothers, at the child "cold"—avoid these. least in the case of young children. For this reason every mother should be trained to recognize and avoid what is not wholesome for the child.

GENERAL CAUSES OF DIARRHŒA.

1. Chill of the body surface. This may be centracted in the bath, or from exposure of the legs, neck, arms or abdomen through wrong methods of dress or clothing.

which might be called over-activity, accompanies tooth cutting.

with further on.

4. Insanitary dwellings.

r Infected or unsuitable food.

6. Impure drinking water.

heat.

clothing—and consequent diarrhœa. Sudden looseness of the bowels. rises cause general relaxation and in some children always induce less or more diarrhœa.

Prolonged high temperature is specially pernicious because (a) flies are so numerous, so persistent and hard to eliminate; (b) food decomposes so rapidly in hot weather; (c) prolonged high temperature is debilitating even when thought are often extremely careless in many it does not produce any "heat exhaustion." It is quite probable that air, too warm, not only fails of the tonic effect of air colder than the body temperature, leaving the tissues toneless and relaxed, but that these failing to do their accusproducts of the body, a form of self-poisoning who are nursing should wear clean, absorbent contact with the evacuations. And exclude results of which diarrhea is a symptom, the body These should be changed frequently. The hands thus trying to "clean house.

PREVENTION OF DIARRHŒA.

just write these causes out and hang them up pint; keep covered. Keep a package of absor- houses must be. Just remember that foul air

cause is most in evidence in your home. Get Be sure it is clean—the absorbent is better. Take

In teething, if the gums are swoollen and red, prick them with a needle on the outside till they bleed freely; this relieves the swelling and pain. If the child is feverish give a warm mustard foot-bath at night and sponge off the body Sudden drop in temperature may be respon- often rather than large drinks at longer intervals. and keep as above. In older children lack of sible for surface chilling owing to insufficient To drink too great a quantity of water tends to cleanliness will cause diarrhoea. They should

Mothers from want of knowledge or want of handle, and even eat the most filthy stuff. should always be washed before nursing the baby. and infect it. More of this later. Wash off the nipple with clean water before where you can see them. Then think which bent cotton on hand, or a bit of clean rag will do. and stuffiness are bad for your child, and I know

rid of that one first. You will find that when you enough to go around your little finger (see that think and plan systematically to fight unwhole- the finger is clean), wrap round the finger, dip some conditions, your work in the home will be into the salt solution and sweep over the roof and helped, not hindered. It is better to take even back of the mouth. Now another piece and a lot of extra care to prevent the trouble than to wash between the gums and cheeks, upper and have the extra work and care and anxiety, caring lower; lastly, another fresh wrapping and wash for children who must have constant attention over and under the tongue. Do this lightly, (a) Children need more nourishment than is always better and cheaper than cure, no matter Babe soon gets used to it and has a refreshed when suffering from this complaint. Prevention taking fresh wrapping for your finger each time.

Guard against chill by sensible clothing. is thrust into his mouth and is his inseparable Children under five years of age should wear woollens next to the skin. These should, of course, be very light in summer. Don't overlead the trunk by a waist, several little petticoats, and dress, just to make the child look nice and leave the look have corpositely not during the shill no relief. But simply had to swellow his wreth leave the legs bare, especially not during the chill no relief; Bub simply had to swallow his wrath of evening. If the child is used to going bare- and countless microbes at the same time, and footed as well as bare-legged and is sturdy, he will suck away till sleep overcame him or his mother he state of his surroundings.

As these articles are written for mothers who ing the feet shod warmly and the poor bare legs practice and an outrage on the helpless. There are far from medical aid, I shall deal mostly with left without protection, especially here in Western is also the danger of altering the shape of the conditions found in the country. While a doctor, Canada where the changes in temperature are so if available, should always be summoned when sudden, is responsible for many 'colds.' Delidiarrhœa develops, because bad diarrhœa is not a cate children, those subject to colds or bron- of 'thumb-sucking' when deprived of the case for home treatment unless unavoidable, the chitis, should wear woollen or cashmere stockings. "comfort." The protrusion of the upper gum prevention of diarrhoea is most empathically a Most mothers know what conditions will give will cause the upper central teeth to project over the lower, more especially if the child sucks his thumb. This is disfiguring. The preservation and the health of the teeth demand that there be sufficient contact the upper and lower teeth to allow of grinding.

In bottle-fed babies, trouble arises from unclean with tepid water in which a little soda has been or unwise feeding: (a) In using improper feed dissolved. For the foot-bath put a tablespoonful bottles. Bottles with a long rubber tube should of mustard in two gallons of water. Put in a pail not be used, as the tubing is exceedingly hard to so that the water will come up round the legs and clean if the food is ever allowed to dry or ferment 2. Cutting teeth. Sometimes a mild diarrhea have the water pretty warm. Watch the food. in it. Use a nursing bottle, having the nipple Give only the simplest food and not much of that; with an opening in the bottom stopped by a hard no meat, and, right here, I want to say that no rubber cork. This bottle is very easily washed. 3. Lack of cleanliness. This will be dealt child should get any meat before the age of two Always wash out with warm water immediately years—better not till after five years of age, after using. Scald with boiling water and put Bread and milk, part or all of a soft boiled egg. into a solution of soda and water, one teaspoonful milk puddings, soup, etc., supple a simple diet, of soda to a pint of water; nipple and cork to be and sufficient variety can be obtained. Give cleansed each time and kept in the same solution. starchy foods sparingly until after two years. (b) From fermenting food. Never prepare more 7. Sudden changes of temperature and extreme That is, do not make all the meal of these. To than one feed at a time. After the child has fed allay thirst in teething give sips of cold water discard what is left, thoroughly clean the bottle, be taught to exercise the greatest care in thoroughly cleansing the hands before eating, and If the bowels get too loose, of course, give a dose always after coming from the water closet. of castor oil. Treatment will come later, though. Insist on this. Tell them why and form the Lack of cleanliness.—Especially do nursing habit of washing the hands every time. Watch babies suffer. They take in a lot of foreign younger children. They are too young to dismatter with their daily supply of nourishment, criminate, and will often put in their mouths,

If there is diarrhoa in the house be vigilant to ways. They handle the breast with unclean prevent spreading. Cleanse the child thoroughly hands, and then nurse the child without cleaning after each motion, and keep no soiled clothing the nipple. The mother's undervest becomes lying round. Better pour boiling water over soaked with milk; this ferments and the products what can be treated in this way, such as diapers. tomed work especially in throwing off the waste who are nursing should wear clean absorbers. In short, see that the others do not come in These should be changed frequently. The hands with the excreta and then alight on your food

Now how are mothers to guard against this putting into the baby's mouth. If there is the state? Manifestly by putting away or destroying slightest trouble with the baby's mouth, wash stay out-doors almost entirely during the hot (4) Insanitary Dwellings.—See that children the causes of the trouble. Now, mothers, don't out before and after nursing. Indeed, it is best weather; also that their sleeping rooms are well get discouraged and say you can't fight so many for the health of the child to do this as a matter aired. The matter of insanitary dwellings was troubles in your busy life, that you can't of routine, and always during the hot months so fully discussed in "Household Sanitation." carry these causes in your mind. Well, for that when so much greater precaution is necessary, that I hesitate to repeat; but, a few words very reason I have tabulated the causes that are because such slight causes will set up fermen- exclude flies, dampness and odors; also soiled the greatest sinners. I am a busy mother myself tation then. To do this, have clean water that clothing. Indeed no clothing should hang in a with three young children. Now, you mothers, has been boiled; add a teaspoonful of salt to the sleeping room, but I know how small some

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odors and swarms of flies, are all most prejudicial from the Neepawa Press of Aug. 2nd. to health, and should be removed or rendered

ciently alive to the danger of infection from disease and death. flies. In many homes almost no care is taken can carry enough filth on his six hairy legs to wild beasts to primitive men. give your child a fatal dose of diarrhoea. Parents, "The high mortality among the deadly than arsenic or strychnine. Not one in ten Institute, giving his experience as an English thousand is poisoned by these drugs, because health officer, says that the fly is responsible for every one is alive to their deadly effect, and, the deaths of many children, because of polluting moreover, comparatively few people ever come the milk which they drink. "It is a matter that has in contact with these poisons—one has to go after been entirely overlooked," says Dr. C. O. Probst, them and has considerable trouble to get them. recently, 'but we now know that the common But every one is subject to the poisonous infection house fly is an agent of importance in carrying carried by flies. These pests are innumerable, the germs of typhoid fever. It was formerly are everywhere. They infect food, drink, hands, believed that the germs were only carried in eyes, sores, in short everything they touch. water, milk, or other liquid food. Flies both these flies must be unspeakably abominable be found, and then, flying into our houses, no from your own observation? Have you ever doubt often carry the germs and deposit them and tonic to the digestive tract. seen any filth in summer that was not covered by on our food." shut. Enlist the help of the children to keep and always by children. out flies. Once during an epidemic of cholera would be covered with them the moment after they were driven off. Supper was taken by the likely to develop. When the corn comes in diarrhoea.

you will make the air of the sleeping room pure rest of the family in the same room. And every there is more of "it." Most mothers know these by keeping the doors and windows open. Never article of food paid toll to the flies. In a short dangers and forbid such indulgences. leave bedroom slops standing, empty early time every one in the home was infected. Now, In regard to "store" fruit, bananas are pretty Manure heaps, foul drains, slops thrown in the the original infection may have caused all the safe, oranges comparatively so, because the yard, rank growths of weeds or scrub, anything trouble, but I firmly believe the flies were respon- edible part is protected from infection, though that harbors dampness or filth or creates foul sible for part of it. Here is an item that I quote some children get diarrhoea from eating these,

The insertion of such items by local papers apples even, work havoc. harmless at once. If these are allowed to remain during the hot season is both timely and helpful. fouling the air during the debilitating heats of Under the caption of "Flies as Disease Bearers," The hands of the pickers are not immaculate, nor summer, the vitality of the children will be low- it says: "The United States Department of are those of the sellers; fruit is exposed in boxes ered by breathing this unwholesome air and Agriculture has started a crusade against the on the street for dogs to nose over or worse, they will be much more prone to the infection common house fly, and is carrying on extensive for street dust—and just think of its composiwhich is constantly present where uncleanness experiments as to the best methods of banishing tion: animal excreta, pulverized refuse of all kinds it from the abodes of man. The fly has been —to settle on it, for flies to frolic on and over at 5. Infected or Unsuitable Food. Food infectioned to be not only a nuisance, but a menace will. Children get this fruit and eat it, skins and tion results from: (a) flies. We are not suffi- to man's health. It's hairy body carries both all, without its having been washed even. Is it

"Many epidemics which sweep over comto exclude these disease bearers. The open, munities in the hot season, have been traced to unlidded closet, close to the back kitchen, the the fly. Having its origin in filth, it brings slop barrel, or worse—all the kitchen refuse with it the bacteria which breed in filth. And thrown into the back yard to steam and rot in the as it moves about, now crawling over refuse, now hot weather, or the manure heap close to the over the food on the table, flying from the lips house, may supply the breeding and banqueting of the sick to the lips of the healthy, it is said to be ground for thousands of flies, every one of which more dangerous to modern society than were the

"The high mortality among the children in the aren't there some of you who are reading my congested districts of a city, where families are words, while the flies are so thick in your home closely crowded together, where refuse accumthat you can't get peace to read? Do you chase ulates fast, where food is often kept in living them off what you eat, fish them out of your milk rooms, is due to a large degree, so scientists now and tea? I know it is so. I have seen it often. say, to the fly. Infant diseases chiefly prevail Well, I wish I were possessed of some power that in the hot season when flies abound. Dr. J. T. would impress on your mind that flies are more C. Nash, in the Journal of the Royal Sanitary Parents, do wake up and think! Don't you know breed and feed in places where the germs are to

any foul substance, you find hidden by swarms fermentation. Do not use "soured" food, meats the hot weather. To sum up. closely screen the doors and windows, putting scrutinized. Indeed, I would say canned meats Clothe the children sensibly. On hot days good springs on your screen doors to keep them should be entirely avoided in summer by adults lessen the clothing, but in delicate children do

3. Fruits. Mothers will have to be guided by enough to prevent chill if the temperature falls. infantum I was called to a home where one child their own judgment here. Ripe raspberries was ill. The flies were thick as a cloud. The and strawberries often cause constipation, but your yards. Especially look to the closets. child's clothing was soiled and care had not been where children have the run of the garden and See that they are lidded and the lids kept down. taken to remove all soiled clothes. The flies are apt to eat unripe currants, gooseberries, etc., Keep the contents covered by earth, ashes or simply could not be kept off him. Soiled places and add a few raw turnips and carrots, and green lime beas in all stages of greenness, trouble is pretty The next article will be on the treatment of

but cherries, plums, pears, peaches, grapes,

Fruit is handled without regard to cleanliness. any wonder they get diarrhœa? Peel or scald, or at least wash thoroughly, all fruit before allowing the children to eat.

As to milk.—The milk that children use should be sterilized. Put milk into an absolutely clean sealer. Put into a deep vessel having enough water in to come up two-thirds the height of the sealer. Do not quite fill the sealer with milk, Put on the top and ring, but not the rubber. Put vessel on stove, and bring the water to the boil. Set up and maintain this heat for half an hour. Remove sealer and keep in a refrigerator or other cool place for use. A cloth should be placed in the bottom of the vessel to guard against breaking the sealer through uneven heating. Many simply "scald" the milk, which renders it much safer to use. To render drinking water safe, boil and then cool and set away in a covered vessel. If poured from one vessel to another from a height through a wire strainer, part of the "flatness" will be removed. Keep in the refrigerator or the coolest place you have. When the children need drink add a little lemon juice, lime fruit juice, pine-apple juice or black currant juice to the water. This makes the water more palatable and refreshing. Some authorities claim that pine-apple juice is a splendid bowel disinfectant and that orange, lemon lime and black currant juice are all cleansing

Make the providing of wholesome and palatable flies. Human and animal excreta, carrion, 2. Food may be rendered unfit for use through drinks for your little folk a special object, during "Eternal vigiof flies that soon become the color of the rotten- that have become tainted, or that have been lance" be your watchword. Fight filth and ness they are crawling over. I am speaking as even slightly infected by flies. Watch your flies, especially in regard to food and drink plainly as I know how, hoping to rouse you to canned stuff. Canned vegetables are often contamination. Don't overfeed or feed at irregthe danger of flies in the home, and that you will spoiled. Canned meats too should be rigidly ular times.

not leave legs, arms or feet exposed; protect

Ventilate your sleeping rooms and clean up

THE DUTY OF LEISURE.

And He said unto them, Come ye yourselves apart into a desert place, and rest awhile: for there were many coming and going, and they had no leisure so much as to eat.—St. Mark vi.: 31.

"God's thoughts are not as our thoughts: we look on

far away, Counting the sharp stones on its tedi-

ous way. He cares for our small troubles, day

by day Smoothing them down.

"We keep our patience for our greater cares. And murmur, unrepenting, o'er the

Thinking to show our strength in our distress.

His patience with our hourly fretful-Still gently bears."

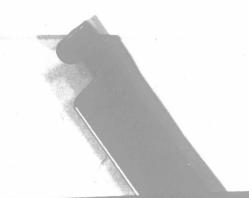
THE QUIET HOUR

to the root of the matter and attack fore He tenderly and wisely commanded afterwards.

Solomon says: "The contentions of a first causes. Indeed, sensible people will mind and spirit refreshed and invigor-wife are a continual dropping," and if not wait for unhealthy symptoms to ated, they might plunge with new Dreading to climb some mountains continual dropping will wear away a show themselves, but will try to get zeal and eager energy into the work stone, how much more easily can the the soul into a healthy condition, and He had given them to do. peace and comfort of a home be under- keep it sound and sweet all the time. The longest way round mined by one person who indulges in the And one good way of keeping the soul shortest road to any goal, and a holihabit of fretting. It is a wonderful healthy is to keep the body healthy. day is often the real duty of people helpand inspiration to everybody when The old-fashioned idea that sickness of who have a great deal of work pressing one member of the household can always body was likely to add health to the soul, on them. I am carrying out my sermon be depended on to wear 'a glorious is rapidly giving away to more sane con- at this present moment, having turned morning face," and keep the morning ceptions of our mysteriously complex my back on the city—just because there freshness undimmed all day, radiating being. It is true enough that the soul is any amount of work there, begging to joy everywhere. And we all know how can ring graces of trust and patience and be attended to—and I am having a very depressing it is to our spirits when one of the family is "blue," looking on the conditions, but it is not an easy matter return to work with a fresh stock of dark side of things, fretful and complain- to be sweet-tempered and bright when energy and cheerfulness when my holiing, pale and forlorn. None of us want the body is in a state of restless dis- day is over. The other day I had a to be wet blankets, extinguishing the order. Our Lord seems to have lived in brightness of home life; but sometimes a perfectly healthy body—the rightful who says: "My wife and I have been the effort to be bright and sweet seems heritage of One who never broke any or loafing royally in Venice, and I am almost too great to be kept up. Glad- the laws of health, which are the laws beginning to look forward eagerly to Yes, but though God may be very ness should never be an artificial thing. of God. And he wanted to keep his displunging into work again." Even in Yes, but though God may be very patient and forbearing with those who are indulging in the sin of fretfulness, it causes so much unhappiness and destroys beauty of character so effectively that we must rouse ourselves vigorously to the root of the matter and attack.

them to go somewhere out of the rush of work, so that they might "rest a while." To disobey such a wise and loving command would be foolish as well as wrong. They wanted to live lives of devoted service—as you dotherefore it was necessary to take a real holiday, in order that, with body,

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having a good time. I wonder when we the value of recreation, turning from

AUGUST 14, 1907

going on all the time. Many a mother room. It is often so in life. People band and children, wearing herself out if the hours are not too long. over meals, housecleaning and sewing, and all the time drifting farther and farther away from them. She has no time to keep in touch with their interests, no time for a drive or a walk or a time of restful leisure can generally a picnic, no time to read books which will keep her intellectually abreast of them, no time for the quiet talks in the twilight which give her an insight into their hearts and opportunity to sow seeds of loving cousel, which, if watered by earnest prayer, will certainly grow up and blossom in new beauties of life and character. Perhaps she has no time for prayer—but we can generally find all round us; do not let us live in such time for those things which seem to us a hurry that we have no time to stoop a month or so. The letters will soon of vital importance—and so she drifts and pick them up. out of touch with God as well as out of touch with her own family, and so loses the power that is lying close against her hand. She lets old friendships fade out of her life because she never takes time to write friendly, chatty letters, never visits old friends, who at last grow tired of inviting her, and perhaps even forget to pray for her. Think how the richness and glory fade out of the life of to live a life of ceaseless toil—just because bustling Martha does not appreciate the solemn warning which draws Mary in quiet restfulness to the Masser's feet: "Martha, Martha, thou art careful and troubled about many things: but one thing is needful: and Mary bath to live a life of ceaseless toil—just because bustling Martha does not appreciate the solemn warning which draws Mary in quiet restfulness to the Masser's before his own happy death. At the full and troubled about many things: but one thing is needful: and Mary bath to live a life of ceaseless toil—just because the following is an extract from here before the other went to press and the correction was made. Thanks for your promptness. What an ingenious idea for constructing a name!

Your personal note, Livlaneng, got here before the other went to press and the correction was made. Thanks for your promptness. What an ingenious idea for constructing a name!

I have no more tact than a beetle, yet your promptness. What an ingenious idea for constructing a name!

Solve Consideration on the part of a husband to his wife, it is always put down to lack of tact on the every your promptness. I have no more tact than a beetle, yet your promptness. Undeed, I consider it idea for constructing a name! such a self-made drudge -I am not but one thing is needful: and Mary hath chosen that good part, which shall not be taken away from her.'

One reason why invisible things are greater than visible is just that quality of everlastingness—"they shall not be taken away," because they become part of the imperishable soul. Each bright thought and holy desire is woven at once into the character, and each bitter and fretful thought injures the beauty of the temple where God should be worshipped

force the outside world to suppose that He is a hard taskmaster, treating willing servants like ill-used slaves instead of And find myself in Paradise! like loved children. Surely it is not only The Gates of Death forever past rest of soul he is speaking of when He To find myself with Christ at last; says—offering a benediction which is also a command: "Come unto Me, all Which is the very Gate of Heaven, ye that labor and are heavy laden, and I will give you rest.'

Someone has said: "One of the best means of saving power is to rest just before getting tired. When exhaustion comes, it cannot be recovered from readily." That may sound rather like the plan adopted by the boy who sat down because he saw a fall coming, and so avoided a severe shock. If the advice were generally followed, our numerous sanitariums for nervous prostration would have to close their doors. The people who act as though life were made only for work, are like a man who exercises only one arm, and leaves the rest of his body to grow weak and torpid through inaction. God has given us intellectual power, and the love of beauty in art and nature: surely it is a sin of omission to leave these talents to rust in inaction, or die out altogether, when they might be cultivated and used for His honor and the good of our fellows. God has made us social beings and given us friends and acquaintances If we are not too busy with material things, we may gain eternal good from contact with other souls—either in daily turn help to uplift and brighten other tors ever painted? life of through books—and may in our lives. One who cares only about work will surely be very miserable when sick- had her neck painted for the mumps.ness or old age deprives him of the Ally Sloper.

Holidays are being considered scien- po er of activity. He will have no tifically in these days. For instance, resources to fall back upon, for he has there were more than 1,000 teachers employed in the vacation schools and playgrounds of New York City last year or meditation. The greatest thinkers teaching the children the best way of and writers have usually understood shall have teachers sent around to our farms to instruct the busy workers there farms to instruct the busy workers there in the best way of enjoying a holiday, which will not be degraded into 'a because of lack of space, to give the pleasure exertion.'

INDITIAL ASURT OF TABLES OF TABL But a holiday can accomplish far children only half a day's schoolingmore than the giving of an increase of energy and freshness. We are too apt to set a high value on visible gains, forgetting the far greater importance of the soul, which is the published building of the soul, which is the property of the soul which is the property of th invisible building of the soul, which is when they were all day in the schools conscientiously working for her hus- can generally do more and better work

It is not always possible to get a complete change of scene, but those who understand the value to body and soul of find time for it, without neglecting their duty or going away from home. Indeed, if 'leisure' is understood to be a if 'leisure' is understood to be a ''duty,' and the command to 'rest a while' is seen to be one which cannot be disobeyed without serious loss to

God scatters quiet, everyday pleasures

ing, For the far-off, unattained and dim, While the beautiful all around thee

Offers up its low, perpetual hymn?"

Of the dear old familiar room When all that round about it lies Is full of happy memories, When watchful love with silent tread Steals gently round the dying bed, And whispered accents soft and dear Fall gently on the dying ear, And hands the tenderest wait by To close in faith the dying eye, hen the last dull, dim sense of fe Is consciousness of dear ones kneeling We are wronging our Master when we Devoutly round, and breathing there The last commendatory prayer. Then, suddenly, to ope' mine eyes To see that look of welcome given To feel through all my being move That holy atmosphere of love, And as His Hand is on me laid Hear these sweet words, "Be not afraid!"

I know in whom I have believed, By whom I shall be then received, The dignity and tender grace Of that oft-imagined face The well-known and familiar voice That made my heart on earth rejoice. To see, as Stephen; hear, as Paul; And then at last to see it all! See my own Jesus standing near And his soft, "I am Jesus!" hear.

Then when my race on earth is run, My day of work and waiting done, And I with tottering footsteps wend Nearer to what men call my end, And they in whom life's tide is high With pitying whispers pass me by, I ask no pity for my fate; Nay, rather, friends congratulate, For Home is near, and it is late! J. V. B. M.

The Peer-Were any of your ances-

The Laborist-Yes, my grandmother

Ingle Nook Chats

THE TREASURY OF IDEAS.

kitchen, dining room, sitting-room bed-

3. Children and punishment. 4. Should a bachelor marry and bring his bride to a homestead before he has prepared a home?

INGLE NOOK NEWS NOTES.

You will all be sorry to hear that "Nameless" lost her home and all its contents by fire some weeks ago, and has been very ill since.

The book "Care of the Baby," recommended so highly by "Sairy Gamp," can be ordered through the FARMER'S ADVOCATE Office.

Margaret W- has been away for a ourselves and others, we must learn to holiday and sends a message to the 'make time' for it.

Ingle Nook to the effect that to be appreciated at home as cook and homeflood the mail asking that the visit be made shorter instead of extended, "Why thus longing, thus forever sigh- dwelling mournfully upon the hard tack and declaring the two boys are homesick for their mother.

Gip kindly sent a recipe for vinegar, but wouldn't stay long because "recep-From the still hush and curtained gloom tion chairs are disagreeable things" and this is her first call. She needn't be afraid we have none of those paralyzing abominations in the Ingle Nooknothing but cosy corners and arm-chairs. Come and fill one, Gip, don't procrastin-* * *

for Old Yorkshire Standard Pie and this position unless it is first inoculated by message: "When a man has been working hard all day he wants looking after. rations of the same? I consider it a If he gets lots to eat he will not want libel on the intelligence of our present chewing tobacco in his mouth all the men. If I were a man I would give

THE MOTHER'S PRAYER.

I am the children's hearts' delight, Their sun by day, their moon by night; Their light, their warmth, and all their

To be wherever Mother is. And when I go I must cast off Small hands constraining me in love, to her than she was of him. I think And when they leave me they are sent we throw discredit on our mothers when Into an outer banishment.

Between the star-beams and moonbeams; They name me in their prayer and play; With Mother, Mother, all the day. I am their center of all things. The innocent love's burnt-offerings

Laid on my altar send on high Sweet smoke of incense in my sky Dear God, while they are little, see, they live a miserable life. I take no They love Thee, hidden, loving me, credit to myself for my happy lot and And being too young to know indeed I certainly do not think them in the Set up their mother in Thy stead.

should Through the sweet years of babyhood ought to apply tact, nor be blamed if Take thy place with the children, yea, she is lacking in it. Be God and Heaven of their small day. Remember when Thou wast like these, a Thou Babe that lay on Mary's knees, The circumstances, I happen to know, When all Thy Heaven was Mother's eyes were not what you imagined in that And all Heaven's music lullabies. Thou who didst follow at her skirt. Have pity on my low desert; Thy proxy, vice-regent, lest I, Unworthy of my destiny,

Show a blurred image of Thy face,

RECIPES.

A PLEASANT SURPRISE.

Dear Dame Durden:-I was so much pleased as well as surprised to see in the Ingle Nook Chats a remedy for butter bowls cracking. I thought I would call again for some more help and now I am going to ask for a recipe for Sauer-krout. I have a nice garden and would to try to make some.

I hope this letter will not have the misfortune to travel as did the last one I wrote, without a postage stamp, it being accidentally dropped. I had been looking for its return when at at last I saw my answer which gave me quite a happy surprise. Thanking you all and hoping some time to be of some help to someeon else, wishing Ingle Nook continued success,

SHOULD THE WIFE SUPPLY ALL THE TACT IN THE FAMILY?

Dear Dame Durden: - What is tact? Webster tells us that it is adroitness in managing the feelings of others dealt with. Most writers assume that Lively Canadian sent in a recipe for it is a special gift possessed by few. home-made vinegar, but several much Pardon me for calling attention to the same in detail have already appeared. previous writers by remarking that when We hope to hear from her again on any mention is made of a lack some other subject.

any mention is made of a lack of due consideration on the part of a for on earth, except that it is not a home of prayer. Is tact supposed to be entirely lacking in the formation of man? Why should not an application of tact on his part act as a lubricator of the domestic wheels? Why should it be thought manly on his part to compel his wife to carry a supply of tact to rub his angles and corners every time she meets him? Is there no Leeds Yorkshire Lass sends a recipe inborn sense of justice in man's comwoman's tact and fed on increasing the lie to every such statement in no measured terms. It makes the men of my acquaintance angry to see women always condemning their sex for any domestic trouble, and they think less highly of them for doing so. I often wonder what kind of mothers those writers had, or did they never think that their father was less considerate we uphold, or rather condone, any The children have me in their dreams action of man toward woman on the assumption that it must of necessity be the fault of the woman. I am glad I shall not be judged by the woman who upholds such views at the Great I say, like David,"Let me fall Day. into the hand of the Lord and not into the hand of those women." I know a great number of women who are my superiors in most every way and least to blame for their unhappy Thou who hast willed we mothers lot. Neither do I think there is fault on both sides, nor that the woman alone

(You will see B. S. that I dropped sentence from your helpful letter. case, so I thought it best to leave it out; especially when its omission did not destroy the force and importance of the subject you bring forward for our consideration. - D. D.)



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"Thou hast been called, O sleep, the friend of woe, But 'tis the happy that have called you so. -Robert Southey

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HARVEST IN SOMERSETSHIRE.

Then the golden harvest came, waving sickle hung to rust. . parish was assembled in our upper courtwho held the third or little farm. We started in prope order, therefore, as our for ten or twelve months. practice is: first, the parson, Joshiah Bow den, wearing his gown and cassock, with the parish Bible in his hand, and a sickle ence.") strapped behind him. As he strode with a loaf of our own bread and a keg pepper. Cook well, bottle and seal. of cider upon my back. Beside us (sis-No. 2.—Halt a pound each of sour of cider upon my back. Beside us (sis-

in spite of all her troubles. After us the maidens came, milkmaids and the rest of them.

There must have been three score of us, take one with another; and the lane was full of people. When we were come to the big field-gate, where the first sickle was to be, Parson Bowden heaved up the rail with the sleeve of his gown done green with it; and he said, that everywas short, "In the name of the Lord,

our eyes and look upon the fields already white to harvest; and then he laid the Bible down on the square head of the gate-post, and, despite his gown and cassock, three good swipes he cut of corn, and laid them right end onwards. All this time the rest were huddling outside the gate and along the lane, not dar-

from a beard of wheat thrust up his nose by the rival cobbler of Brendon. And a chime of bells, at it, 'Lorna Doone.

SELECTED RECIPES

PICKLED NASTURTIUM PODS.—Gather on the broad hillside, and nestling in the the pods on a dry day and wipe clean quiet nooks scooped from out the fringe with a cloth. It enough cannot be of wood. A wealth of harvest such as found to fill a bottle at one time the never gladdened all our countryside pods may be added as they ripen. since my father ceased to reap, and his Place the pods in a dry glass bottle and All the pour over them until the bottle is tull a mixture of one ounce salt and six yard; for we were to open the harvest peppercorns to each pint of vinegar. that year, as had been settled with far- When the bottle is as full of pods as is mer Nicholas, and with Jasper Kebby, desired, cork it well and seal with sealing wax or rosin. These should not be used

CHUTNEY.—(Asked for by "Flor-

No.1.—Eighteen sour apples chopped; along well and stoutly, being a man of 1 lb raisins, seeded and enopped; 1 lb. substance, all our family came next, I moist sugar; 4 ounces each of ginger; leading mother with one hand, in the onions (cnopped) and sait; one-half Ib. other bearing my father's hook, and roasted mustard seed, I teaspoon red

ters) Annie and Lizzie walked, wearing apples (chopped); tomatoes; salt; brown wreaths of corn-flowers, set out very sugar; stoned raisins; 2 oz. cayenne; prettily, such as mother would have 4 oz. ginger; 3 quarts vinegar; 1 quart worn if she had been a farmer's wife, lemon juice. Mix well; put in a well instead of a farmer's widow. Being as covered jar; keep in a warm place, and she was, she had no adornment, except stir every day for a month. Then that her widow's hood was off, and her strain through a cloth, but do not press; hair allowed to flow as if she had been a put the solid part into clean dry bottles maiden; and very rich bright hair it was, and seal. Use the liquid as a sauce for meat or fish.

RAISIN BREAD.—3 lbs. flour, ½ lb. large raisins, I yeast cake, ½ lb lard, salt sour cream, 1 teaspoon sugar, 1 tableto taste, good handrul of sugar. Stone spoon lemon juice, I small teaspoon salt, the raisins. Put the flour, salt and sugar in a bowl, rub in the lard, then the stoned raisins. Put the yeast cake to soak in lukewarm milk or water, make a hollow in the body might hear him, though his breath was short, "In the name of the Lord. mixing some of the flour in to form a batter. Let it rise, then knead. It will require about five hours to rise stems and leaves from the berries, then was far behind, being only a shoemaker. after it is kneaded. This will make press out the juice through a thin cheese three small-tin loaves. They require cloth or flannel bag. To every pint of from the parish Bible, telling us to lift up about one hour to bake. I pull them juice add one pound of sugar and a out of the tins when they have been in quarter of a cup of vinegar (or the about half an hour, and turn them the berries may be covered with vinegar other side up; was bothered with them burning but put an old tin full of cold water in the oven till I had learned the why and wherefore of the store. (See half full of the liquid add water and about half an hour before pressing). Boil for fifteen minutes, then put up in bottles or sealers. Fill a glass why and wherefore of the store. why and wherefore of the stove. (Sent by BLOSSOM).

ing to interfere with parson, but whispering how well he did it.

When he had stowed the corn like that mother entered learning are more and one of pie. Out some bacon, both fat and pieces an inch in length; sprinkle over that mother entered learning are more and the corn like that mother entered learning are more and one of pieces and or angelled policy.—

Rhubarb and Orange Peel Jelly.—

Cut a pound and a half of rhubarb into pieces an inch in length; sprinkle over them a cupful and a half of sugar and the corn like that mother entered learning are more and orange Peel Jelly.—

Make pastry for both top and bottom pieces an inch in length; sprinkle over them a cupful and a half of sugar and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that mother entered learning are more and the corn like that more entered learning are more and the corn like that more entered learning are more entered and the corn learning are more entered learning are more entered learning are more entered learning are more entered and the corn that, mother entered, leaning on me, and well and pour all over the meat. Add about a quarter of a cupful of canwe both said, "Thank the Lord for all his salt and pepper last and put on the top died orange peel; cut into tiny bits, mercies, and these the first fruits of his crust. By the time the crust is done and also a little hot water. Cook hand!" And then the clerk gave out a the meat will be ready also, usually in directly over the fire or cover and bake, psalm verse by verse, done very well; about half an hour. (Sent by Leeds until the rhubarb is tender. For three although he sneezed in the midst of it, Yorkshire Lass.)

of acetic acid to a cup of water. and whipped with an egg-beater use. (Sent by Willow Glen.)



LORD AND LADY ABERDEEN Who ten years ago occupied Rideau Hall.

Sour-cream Salad Dressing.—One cup dash of cayenne, 3 tablespoons vinegar. Mix the dry ingredients in a bowl. Add the lemon juice, and then the vinegar. Beat till smooth; then add the cream, and set on ice till needed. Use for any vegetable salad.

To make raspberry vinegar pick out half full of the liquid, add water and the drink is ready.

age of gelatine in one-third a cupful of VINEGAR FOR SALADS—For vinegar cold water; when well softened turn when the psalm was sung, so strongly that is to be used at once with salads, into the hot rhubarb. Harden in a that the foxgloves on the bank were lettuce or beets, use a teaspoon mould. Serve with thin cream, flavored parson took a stoop of cider, and we all This will not keep well enough to use Garnish with figures of candied orange ell to at reaping. - R.D. BLACKMORE in for pickles but is good for immediate peel. Cook the peel in sugar and water if it is necessary to soften it.

THE FARMER'S ADVOCATE FASHIONS.

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to 17 years. The above natty little suit will be found suitable for fall and spring, but is not too heavy for wear during cool summer days or evenings. It may be developed in tweed, basket-cloth, cravenette, serge, cheviot, zibeline, etc., and requires no trimming other than stitched bands and buttons.

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4192—Little Girls' Dress, 8 sizes, 3 to 10 years. The above represents a "very attractive little dress for hot summer weather. For cooler days it may be worn over a guimple of muslin or chambray, with sleeves below the elbow.





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BERDEEN Rideau Hall

.-One cup ar, 1 tableaspoon salt. ns vinegar. n a bowl. then the then add

ill needed

r pick out rries, then hin cheese ry pint of ar and a r (or the h vinegar ore pressthen put ll a glass vater and

> 1 Jelly.barb into ikle over ugar and of caniny bits. Cook nd bake, or three a packupful of en in a flavored -beater orange ar and it.

> > Man."

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CHILDREN'S CORNER

better. Don't you think so?

Which kind of letter do you like best a garden, a pet, a trip, an adventure this time. when fishing or picking berries, or those that simply make a list of the number of brothers and sisters, cattle and horses and acres of land which they have? I like the first!kind best and think every one else does too.

wrote a letter that came into the office new ones make new members. this morning and she began: "One You asked us quite a while ago to pigs and turkeys they had at home. the name of the river running past our

NEW PLANS FOR THE CORNER. we cannot use them. If you want to Dear Boys and Girls:—Perhaps these do pictures that we can use get smooth wo or three days of cool weather have firm paper without lines, a bottle of had something to do with it-but I India ink and a fine pen point. Make have been thinking over what we are your drawing at least three inches going to do with our Children's Corner wide. Remember that no changes during this fall and winter. It is a can be made on it here and if it appears good page and the FARMER'S ADVO- it must be exactly as you send it. We CATE is proud of it, but it can be made cannot promise to produce all that are sent to us-only the best.

I do not often write you as long a -those that tell you about one thing, letter as this, but you will forgive me

Cousin Dorothy.

HOW THE TOWN GOT ITS NAME.

Dear Cousin Dorothy:—This is the month of my birthday, so I am writing Sometimes I open a letter addressed you a letter. My birthday is on the to "Cousin Dorothy" and think I'm 12th of July I wonder how many going to hear something very interest-more of our members have birthdays ing because it starts off so well, but on that date? You must not take me suddenly the story stops, changes off in as a new member, for this is my to something else and leaves me disap- third letter. I like to see new ones pointed. For instance, a little girl write better than the old ones, for the

morning when we got to school there tell how our nearest town got its name. were two little kittens where someone Well, our town's name is Woody River. had left them." I was quite inter- It was called Bowsman, but the parcels ested, but instead of going on with the on coming got mixed up with another story she dropped it entirely and told town called Boissevain, so they changed instead how many cats, dogs, cows, it to Woody River. Woody River is



A TRUSTY FRIEND.

clock. It is better to tell one thing very good. well than to mention half a dozen things and describe none of them. Do you see what I mean, kiddies?

What are you going to do about it? Here are some of the plans I have made and if anyone thinks of some others send them in at once. For the little have to go over in that column too.

Then, occasionally I shall shut my eyes and draw out a letter to be printed exactly as it was written, without correcting any errors in spelling or punctuation. It may happen to be good or fair or even poor—that will make no difference. Some other times I will draw out one and have it repro-

duced exactly, handwriting and all. There are boys and girls in this Corner who can draw nicely and sometimes send specimens of their work to me, but because they are done on the wrong kind of paper and with a pencil B. C. (a)

And I suppose I'll never know now house. There are quite a few fish what those kittens looked like, how big in it in the spring, but the river was so they were, whether anybody gave muddy this spring that we did not get them something to eat out of the dinner any. May just brought Vera on the pail and who took them home at four table and shook it so my writing is not

> LILY MAY METCALFE. (13) Manitoba. (a)

A NEW MEMBER FROM B. C.

Dear Cousin Dorothy: - As I was at a children who are not very old or who tea-party at my friends who keep the have not been to school very long post office here, Laura Hagan showed there will be a column of their own. me the Children's Corner in your paper, But if any older boys and girls write so I thought I would write you a little "little children's" letters they will letter. I live on a farm of two hundred acres bordering on the Saanich Arm, which is a delightful body of water for boating. About three miles from our place is a Cement Works which runs day and night. I have many friends there as I meet them at our country school which is about a mile and a half from our house

> We have a dear dog. His name is Chum, and a little pup which has no name yet. We also have several cats; the favorite is Minnie. Good-bye Cousin Dorothy,

Your New Friend.

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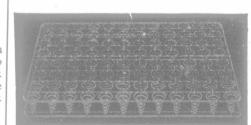
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KITTY HAGE. (12) ADVERTISE IN THE ADVOCATE

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A recognized authority, Mr. Puddicombe, director of the Ottawa Conservatory of Music, says in part:

June 30, 1905.

I was greatly surprised and delighted with the Martin-Orme Piano I played on last night. I found it to be one of the most grateful of all the upright pianos I have ever tried.

That was two years ago. Mr. Puddicombe writes now:

I have had ample opportunity of testing the Martin-Orme wearing quality in the Conserva-tory here, and it is perfectly satisfactory.

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It lasts forever, costs less than wood, never requires paint or repairs, is vermin-proof, weatherproof and fire-proof.

YOU CAN'T AFFORD NOT TO USE IT

Write me about it to-day.

Clarence W. Noble

1 Empress Blk., Winnipeg

WHY NOT TELL US ABOUT THAT A SPLENDID PART OF MANITOBA. GARDEN?

letter or I will be making it too long. there. I am not a very good writer, am I? GLADYS LAING. (11) Alta. (b)

TWO LOST KITTENS.

Dear Cousin Dorothy:—This is my second letter to the Children's Corner. I go to school three miles away. fine. Our school was out the nineteenth of July. One morning, when we got to school there were two little kittens where someone had left them. We have two cats, one dog, thirty-eight cows, thirty-three pigs, and one hundred and twenty-six turkeys and two hundred and fifty chickens. We have taken the FARMER'S ADVOCATE for three years and we like it very much.

EUNICE ARMOR. (10) Alta. (b)

A RACE ON THE WATER.

gasoline boat and ran a race with and a party of us went for a day. of all we won.

Man. (b)

BATHING AND BOAT RIDING.

country visiting. I am very much water lilies. Some got strawberries interested in the letters the children and raspberries for tea. write, so I thought I would like to write

There is a lake just three miles away and I go in bathing and boat riding. I gather the eggs every day and go out berry-picking. My sister, fifteen years old, passed her first part of her third this year. I will take my entrance next year. The subjects I like best are grammar and arithmetic.

RITA VAN BLARICO. (11)

TAKE A SAW MILL FIFTY MILES. It falls in an old stone basin,

Dear Cousin Dorothy:-This is the second letter I have written to the Children's Corner. I am going to school. We have a fine teacher. Her And peeping between the crowding heads name is Miss D-. I and some of my brothers had the measles about a month The "Gift of Three Little Sisters" ago. I am in the third reader. This is a very pretty country. You can see a long way. There are strawberries, some raspberries, saskatoons and choke cherries. There is plenty of wood two miles from us us, dry and green wood. We have a saw-mill now and we are going to take it about fifty miles north of here to saw lumber. Hoping I think that each thirsty creature this letter will satisfy you, I remain, His thanks, in his own dumb fashion, Saskatchewan. (a) Austin Smythe. (9)

A PONY TO DRIVE.

Dear Cousin Dorothy: -- My father has taken the FARMER'S ADVOCATE for two years and likes it very much. always read the Children's Corner. My brother has a pony named Maud, and my sister and I often go out driving with her. I have two calves; they are both black. We have fifty-nine pigs and ten sheep. I am nine years old. And all life long, and after life. I have been going to school about three vears. My teacher's name is Miss L—. We have holidays for two months.

Manitoba. (a) Eleanor Palas. (9)

Dear Cousin Dorothy:-I live on a Dear Cousin Dorothy:-As I have farm nine miles from Boissevain town ever written to you before, I thought and I like farm life better than town would write now. My father has life. We came from England to Canada aken the FARMER'S ADVOCATE for seven years ago. I don't remember about three years. I like to read the much about England but from what l Children's Corner and other parts of the remember I like Canada best. There ADVOCATE, I have one sister and is a natural bluff of trees on our three brothers all younger than myself. farm; they are in a ravine and I have a vegetable garden this year. are very pretty. I play in them some-Well, Cousin Dorothy I must close my times and pick wild flowers that grow

There are lots of berries in the bush and other places this year, and we pick them when they are ripe. The best ones are saskatoons, raspberries, strawberries, dewberries, pin-cherries, chokecherries and cranberries. I like picking berries very much. I am always glad when the spring comes and the flowers teacher's name is Miss C-. We like her grow, as we have lots of them and they are very pretty ones. I go roaming about over the hills after them.

One of my brothers has a homestead in Saskatchewan. He is just married and I should like to see his wife. We are three miles from school and I used to drive but I have passed into the town school. My teacher's name is Miss W-All the scholars like her.

Manitoba. (b) MARJORIE HOLDITCH.

A DAY AT THE LAKE

Dear Cousin Dorothy:—My father Dear Cousin Dorothy:—As I saw my has taken the FARMER'S ADVOCATE for last letter in print I thought I would three years. I go to school and am in write again to see if I should be so sucgrade four. My studies are arithmetic, cessful. I live on a farm eight and a grade four. My studies are arithmetic, cessful. I live on a farm eight and a spelling, reading, writing, drawing and half miles from the town of Boissevain. Composition. My teacher's name is Miss M—. We have sixteen horses, and two colts named Belle and Jim. I are some pretty ravines with a coulee must tell you of a trip we had to Ninnete. We took our lunch and went down on by all summer and have lots of fun. We have took our lunch and went down on by all summer and have lots of fun. the train in the morning, returning in make sand castles and have little boats the evening. It was a very pretty which we sail down the coulee. There place for a picnic. We had a ride in a is a lake about ten miles from our place another boat of the same kind, and best left about half past nine; it was twelve when we got there, so we had dinner EDNA M. COOK. (11) right away. My father drove a wagonload of children. It was a lovely day and we had a nice drive. After dinner we got a boat and some of us went out Dear Cousin Dorothy:—I am now in it for a row. After that we had away for my holidays and am in the some more rows and got some yellow

Manitoba. (a) BETH THOMPSON. (12)

POEMS FOR RECITATION.

THE OLD STONE BASIN.

In the heart of the busy city. In the scorching noontide heat. sound of bubbling water Falls on the din of the street.

And over the cool, wet brink The heads of the thirsty horses Each moment are stretched to drink

As the horses come and go, Is read on the stone below.

Ah! beasts are not taught letters; They know no alphabet; And never a horse in all these years Has read the words, and yet

To the sisters small must pay.

Years have gone by since busy hands Wrought at the basin's stone— The kindly little sisters Are all to women grown

I do not know their home or fate, Or the names they bear to men, But the sweetness of that precious deed Is just as fresh at then

They must the happier be For the cup of water poured by the When they were children three.

-SUSAN COOLINGE

Report of **Kootenay Fruit Farm** which represents the cream of

the land of this district.

the land of this district.

This farm contains two hundred and thirty-four and one-half acres and is situated on the Lower Arrow Lake within one mile of Burton City. Burton City is one of the regular landing places for the C. P. R. Steamers and these boats make regular daily trips both ways between Robson and Arrowhead. Burton City has hotel accommodation, post office, stores, etc., and is situated at the mouth of one of the largest, most open, and fertile valleys to be found in the district of Kootenay. The valley in places, is over three miles wide, and the land therein is on the average fairly easy to clear, and generally speaking is free from stone. Cariboo Creek runs through the valley. This stream contains an inexhaustible supply of water for all time to come, for any demand that may be made upon it, for either household or irrigation purposes. Cariboo Creek also has several small creeks or feeders which empty into it and from which water can be flumed to any land in the valley at moderate cost. There are some fine fruit farms, gardens and orchards around Burton City, which demonstrates that the land is suitable and specially adapted for the growing of all kinds of fruits and vegetables. The two hundred and thirty-four and one-half acres above referred to has been known as the Sapandowski Farm. It was the first land taken up on the Lower Arrow Lake, and its former owner, Charles Sapandowski, picked out to our mind, the finest, richest and most level tract of land along the Lake. That the soil is very rich, there can be no doubt, as is proven by the fine, thrifty bearing fruit trees and bushes now producing upon it. The improvements on this farm consists of the following:

Forty acres cleared land, fenced, and all stumps, roots removed.

Two hundred fruit trees of different varieties This farm contains two hundred and thirty-

roots removed.

Two hundred fruit trees of different varieties

I in good healthy condition.

About seventy-five of these trees are bearing

About one-half an acre of raspberries, goose-About one-half an acre of raspberries, gooseberries, and black, white, red currants. These bushes are loaded with fruit this season.

A neat, warm and comfortable dwelling containing four rooms, also summer kitchen.

A fine well of water right at the dwelling.

Fine milk storage house and several good out-

buildings.

Also fine new barn in course of construction There is enough good cedar on this farm to more than fence it into ten acre blocks.

There is about twenty acres under crop of timothy hay and the first crop will average five

timothy hay and the first crop will average five tons to the acre Two crops will be taken off this summer.

Ten tons of potatoes to the acre have been taken off this place. The price realized for last summer's potato crop was from twenty-five to thirty dollars per ton.

The farm has three thousand four hundred and thirty-two feet frontage on the lake and the very finest of sandy beaches.

The balance of the land to be cleared we think could be cleared at from fifteen to thirty-five.

uld be cleared at from fifteen to thirty-five dollars per acre.

There is very little standing green wood and in most places the land is simply covered with underbrush and natural foliage.

A fine creek of mountain water runs through As a fruit farm and cattle ranch combined there

The former owner made big money in cattle and at the present time, there are some twenty-five head of thoroughbred Shorthorn cattle all in the pink of condition.

Another feature in connection with this place is this. It has been surveyed off into twenty-four blacks ranging in size from seven to civitan.

four blocks, ranging in size from seven to sixteen acres each, and at the price the place can be bought for it leaves the purchaser in a position to retain for himself the forty acres already cleared and sell the balance at a price which net him a profit on the whole transaction of at least six thousand dollars. We are in a position to demonstrate this to a buyer. The twenty acres containing the orchard and buildings will sell readily to-day for two hundred and fifty dollars per acre. The other twenty acres will sell for one hundred and fifty and the balance for one hundred and fifty and the balance for one

one hundred and fifty and the balance for one hundred and twenty-five dollars per acre without any trouble.

Our Firm will be willing to assume the handling of this property at the above prices. The nature of the soil on this farm is such that we claim that it will not need irrigation. The whole tract is practically level and there is just enough slope for drainage. We positively guarantee to the buyers a tract of land which cannot be beaten for quality in the District of Kootenay.

Our Mr. W. J. Toye has inspected the above described land and we guarantee the correctness of this report. of this report.

of this report.

In conclusion we would say that this is a good proposition for a little Colony of about 15 or 20 settlers, all of whom would get equally good land. This farm must be sold at once and can be bought at a low price.

Write at once for price and terms.

TOYE & CO.,

Nelson, B. C. Box 51. Fruit Lands



COMMON SENSE

EXTERMINATOR Kills Roaches, Bed-bugs, Rats

and Mice All Dealers and 377 Queen St. W., Toronto, Ontario.

Write for Testimonials.

district. ndred and thirty-is situated on the ne mile of Burton he regular landing ers and these boats rs and these boats rays between RobCity has hotel stores, etc., and ne of the largest, obe found in the lley in places, is land therein is on an and generally uriboo Creek runs am contains an all time to come, hade upon it, for rposes. Caribooreeks or feeders hich water can be at moderate cost. ns, gardens and at moderate cost, ns, gardens and ich demonstrates pecially adapted fruits and vege-thirty-four and has been known as the first land Lake, and its rski, picked out and most level That the soil is as is proven by

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in the Bible?

Sent by Marjorie Holditch:-Can you tell me why A hypocrite's eye Can better descry than you or I On how many toes A pussy cat goes?

CONUNDRUMS.

Sent by Beth Thompson:-

Why are you more like a carpenter than I am? her pills in?

MY TASK.

To love some one more dearly ev'ry

And smile when evening falls. To follow truth as blind men long for light,

To do my best from dawn of day till To keep my heart fit for His holy sight, said the fair maid with the lofty fore-

And answer when He calls. MAUD LOUISE RAY, in Harper's Magazine.

A muscular Irishman strolled into the here. Civil Service examination-room, where candidates for the police force are put to a physical test.
"Strip," ordered the police surgeon.

The Irishman disrobed, and permitted

He sprawled, face downward on the Animals. floor. He was indignant but silent.

"Jump under this cold shower," ordered the doctor. "Sure that's funny!" muttered the

applicant. Now run around the room ten times to test your heart and wind," directed

the doctor. The candidate rebelled. "I'll sthay

all this fussing got to do with a marriage promising him half a dollar for it. The

"Madam," said the book-agent as the mustn't fergit that bank directors is door was opened by a very comely maid, paid high in Noo Yawk.' "I am selling a new book on etiquette

"Yes'm," and he went. "As I was distilling. "Defendant," asked the saying, ma'am," he continued as he court, "what is your name?" again came to the door, "I am sell—" "Joshua," was the reply.

"Take off your hat! Never address a "Are you the man who made the sun strange lady at her door without remov- stand still?"

"Take your hands out of your pockets No gentleman ever carries his hands

"Yes'm," and his hands clutched at his coat lapels. "Now, ma'am, this work on eti—"" Is he living?"

"Throw out your cud. If a gentleman uses tobacco he is careful not to disgust others by the habit.

"Now, ma'am," as he wiped his brow, Somerville Journal. in calling your attention to this valu-

lady of the house. She called me a amusing to me, but everybody else liar this morning and I think she needs seems to take 'em seriously."—Washsomething of the kind."

THE FARMER'S ADVOCATE

The Rev. R. Moseley, preaching at the Guard's Chapel recently, told a pathetic story of the late Queen. When was the first game of tennis young soldier was lying near death in 2. If Mississippi wore Missouri's toria visited him. The man had been lin a hot fight, where bullets were fly-Where is banking first mentioned ing in a terrible fashion, and he got badly hit and fell. Although suffering great pain, he managed to drag himself twenty yards and rested behind a sangar. As he lay there he saw a comrade fall, as he had done. The brave boy, with the greatest pain and difficulty, dragged himself to where his stricken comrade lay and brought him back to shelter. As the great Queen 6. What did Queen Elizabeth take was told the story she put her hand on the arm of the soldier, and said, "Thank you, my dear son, for all you have done for me."

"What are they moving the church day,
To help a wandering child to find his for?" "Well, stranger, I'm mayor of these diggins, an' I'm fer law enforcement. We've got an ordinance what says no saloon shall be nearer than 300 feet from a church. I gave 'em three days to move the church."

> "From the grammatical standpoint," head, "which do you consider correct: 'I had rather go home' or 'I would rather go home?' '

> "Neither," promptly responded the ung man. "I'd much rather stay young man. -Answers.

An old painter watched a little fellow who amused himself making drawings "What's that?" demanded the unin-itiated of his pot and brushes, easel and stool, and said, "That boy will beat me some "Get your clothes off, and be quick day." So he did, for he was Michael about it," said the doctor.

The Little Angelo.

the doctor to measure his chest and legs and to pound his back.

"Hop over this bar," ordered the docnever do. I get too much excited over The man did his best, landing on his it; I can't study so well, after it. So here goes." And he flung the book out "Now double up your knees and touch the floor with your hands."

Animals

> Weary Willie (reading)—De qualities a woman requires in a husband are neatness, cleanliness, industry, sobriety honesty and courage!

> Battered Bachelor-T'ank heavens I kin claim a feeling ov perfect security from the female sex!-Chicago News.

"Single?" asked the doctor, surprised. A stranger in New York asked a news "Sure," said the Irishman, "what's boy to direct him to a certain bank boy took him about three doors away He had strayed into the wrong and there was the bank. Paying the fee, the man said, "That was half a dollar easily earned, son.

"Sure," said the boy; "but youse

and deportment."
"Oh, you are?" she responded. "Go A mountaineer of one of the back down there on the grass and clean the counties of North Carolina was mud off your feet." arraigned with several others for illicit

Quick as a flash came the answer ing your hat."

"Yes'm," And off went the hat. "No, sir; I am the man who made the moonshine."—Harper's Weekly.

Rector (showing a stranger the church

Lawson-Is he rich? Dawson-Fabulously. Why he stayed Yes'm and the tobacco disappeared, three days once at a Florida hotel.

"Wait. Put that dirty handkerchief "Is your family entertaining this ington Star

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It is always the same.

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Twist barrels, back action, rebounding locks, top snap, circular hammers, plain extension rib, checkered pistol grip stock and fore end, steel butt plate, case hardened mountings, left barrel choke bored.

Laminated steel barrels, bar action and Greener cross bolt, otherwise same as above. Steven's hammer with high pressure, nitro-blued steel barrels and all latest improvements.

L. C. Smith new model hammer gun with blued steel barrels.

Remington hammer, with decarbonized steel barrels, selected walnut stock, 30 or 32-inch barrels.

\$27.95

Double-barrel Hammerless Breech-loading Shot Cuns.

Best rolled steel barrels, 30 or 32 inches lo Steven's hammerless, with high pressure r \$21.95 Steven's hammerless, with high pressure nitro-blued steel barrels.

\$25.00 Baker's Batavia Special, one of the best hammerless guns on the market. 12 Bore Single-barrel Breech-loading Shot Guns \$5.95 Mass. Arms Co. 30-inch special steel barrel, choke bored, walnut stock and rubber butt plate.
\$7.95 Iver-Johnson 30-inch best quality high carbon steel barrel, with automatic ejector.

AIR RIFLES \$1.75 Single shot 20th Century Daisy, for darts or shot-\$2.25 Daisy Repeater Magazine holds 48 shot.

\$4.45 Winchester thum trigger, 22 calibre, short and long rim, five cartridges. Same as above, plain trigger. Savage plain trigger, 22-calibre, for short and long rim fire cartridges.

Winchester Repeating Rifles for big game, from \$17.50 to \$33.75 Savage Repeating Rifles from \$24.00 to \$29.50

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Send us your Ducks and Chickens to be Mounted. Deer Heads Teals & Butter Balls \$2.00

\$3 to 3.50 2.50 Moose ,, Prairie Chicken . Full lines of artificial eyes and Taxidermists' supplies carried. Write us for prices on anything.

Indian Curio Co. 563 Main St., Winnipeg

WORKERS wanted in every district of the Canadian West to take subscriptions for Western Canada's greatest farm paper. Only "live wires" needed. This is out of sight. I don't want your book, season?" inquired the society devotee. I am only the hired girl. You can come in, however, and talk with the "mother and the girls seem kind of the large of the l

Farmer's Advocate, Winnipeg, Man.

EAM IS MONEY The chief reason you want .. separator

is to get more cream—more money—out of your milk. Of course you want to get the most, and you naturally want the separator that gets the most cream.

Holds World's Record for CLEAN Skimming

Marshfield, Vt., Feb. 2, '07. Feb. 2, '07.

Ibought one of the—
machines, but after
running it a little
while I found it was
not skimming clean.

I has it tested at the
creameries here and
found it to test 1 per
cent, and I could not
stand this so exchanged it for one of the
U. S. machines, and
find that if I had given
the other machine

the other machine away I should have made money by so doing. I like the U.S. very much. ALMON TUCKER.

The U.S. is also the simplest, strongest, safest separator. Only two parts in the bowl—easy to wash. Gears turn in oil and run surprising easy. Lasts for many years with ordinary care.

Let us tell you ALL abou' it. It's money

just write, "Send me new Catalogue No. 110." The pictures tell the story.

VERMONT FARM MACHINE CO. Bellows Falls, Vt. 472 dighteen Distributing Warehous



Relieve FEVERISH HEAT. Prevent FITS, CONVULSIONS, etc. Proserve a healthy state of the constitution during the period of

TEETHING. = Please chockes the EE in STEEDMAN.



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Maple Buds

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COWAN'S

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OUESTIONS AND ANSWERS.

LAME MARE.

Mare is lame in left foot or shoulder. Sometimes she will drive for miles withyou attempt to turn her short. Would tive? she be all right for breeding? A. B. M.

Ans.—The trouble must be located before treatment can be recommended. The irregular lameness indicates navicular trouble, while the difficulty in turning indicates trouble in the shoulder. am of the opinion the trouble is in the foot. I would advise you to take her to vour veterinarian and have her examined located, blister the parts as recommended for F. W. A.'s mare in this issue. The lameness will not prevent her breeding; but if the trouble is navicular, the foals are liable to inherit a predisposigood mare except for the lameness.

WINDGALL.

Aged horse is lame in front. Have examined him, and can find nothing irg to age. Add to the milk one-quar wrong; but has windgalls. Have blistered them twice; had him shod, and he seems worse. Rests with toe on ground, appears stiff; when travelling, stumbles; is lime water. goes easier on soft ground.

SUBSCRIBER.

Ans.—Windgalls do not often cause would not have the effect mentioned. lameness, and we would advise a thorturpentine, one-half ounce sulphuric opposite effect. acid poured slowly into the turpentine, the bottle being turned sideways; take four or five minutes to pour this in. Then add two ounces methylated spirits cider vinegar enough to make a quart, me how to take it off. and shake well, when it is ready for use If this does not effect a cure, blister with of iodine crystals to sixteen ounces it blisters Apply again in two weeks. water, and repeat two weeks later.

MAMMITIS.

cow that had been milk ing for a month came home with one quarter of the udder swollen, hard and rotting sore, and she gave very little milk out of it. Next day another quarter was swollen, and later the whole udder. My veterinarian treated her, but it was over a month before she recovered, and she gave very little milk out of one teat. I am letting her go dry, as she will calve again in September. To-day, another cow has her udder swollen the same way.

1. What is the cause? What is the treatment?

3. Will No. 1 be all right this year?

njuries, irregular or unskilful milking, may be done by hand or by means of a vading through cold water, sudden screen, the rods or slats of which diverge changes of temperature, etc., and in letting the bulbs fall into three hoppers some cows there is an hereditary or acquired predisposition, and the trouble appears without appreciable cause. This is especially the case in cows with injury, but if frozen and thawed several tubercular trouble in the udder.

2. Purge with 2 lbs. Epsom salts and ounce ginger. Feed lightly. Give 4 drams nitrate of potassium twice daily for a few days. Apply heat to the udder in the form of poultices, or bathing, draw the milk or fluid off several times daily, and, after milking, rub well with camphorated oil. When more than one quarter is involved, it is well to suspend the udder with a suspensory bandage, down scantling, or other material fastened over her loins. Injecting the allow the air to circulate around a quarter with oxygen or sterilized air, as under them. Another ay of keep-

3. It is not possible to say, as she is and keep them so all winter. A

CALF BLOATING: CATTLE SCOURING.

1. I am feeding a calf in the stable on good strong meal, and he bloats; not very often, but occasionally. The meal is always soaked a meal ahead, and I generally notice him bloated at night, that is, after drinking at noon; never out showing anything wrong and at bloated in the morning. What is the other times she is lame, especially when cause, and is salt effective as a preven-

2. Last spring I applied some sheep dip on a steer's back to kill lice, and the consequence is that the hide is spoilt. What can I apply to help the hair to grow and remove scurf?

3. What will prevent cattle scouring when shipped or at time of showing, or previous to showing. What can be previous to showing. given them to check it?

SUBSCRIBER Ans.—r. This is evidently chronic and the lameness located. When once indigestion, the result of feeding too much wet meal. It is a mistake to wet meal or feed it in milk. The meal should not be strong, and should be fed dry. Ground oats and bran are safest, and some successful calf feeders prefer to tion to the disease. At the same time, feed oats unground. The mixing of think if I owned her I would take saliva with the food in the process of chances on that and breed her, if she is a mastication aids digestion and ensures good health. Salt kept where the cal can take it at will, but not in the feed manger, except in a separate compart ment, is helpful. Give sufficient Epson salts to purge, say 4 to 6 ounces, accord ter its bulk of lime water made by slack ing a lump of lime in a pail with a little water, then filling the pail with water knee bent; when turning around, and let stand. The clear water on top

2. The solution was no doubt stronger than the directions called for, or it

3. Prevention is better than cure ough examination in this case to ascer- Feed only hav for a day or two before tain if the lameness is not due to some shipping, and start to station on an other cause. The treatment for wind- empty rather than a full stomach galls or windpuffs is bathing with cold When at the show, start on hay alone water and salt for half an hour every and feed meal with bran, dry, a little at evening, then bandage, leaving this first, increasing gradually, being careful on for a couple of hours. Then apply to not overload the stomach with either liniment, made up as follows, and well feed or water. Dry bran alone will rubbed in: Two ounces spirits of often stop scours, while wet bran has the

THOROUGHPIN

I have a filly which has had a thorof alcohol, poured in slowly, and, lastly, oughpin for seven weeks. Kindly tell

Ans.—Apply Churchill's tincture of iodine liniment, consisting of one dram iodine with a stiff brush, once daily, till

STORING ONIONS FOR WINTER: ITCHINESS IN HOGS.

onions through the winter without

2. What would be the best preparation to put on pigs that have something that keeps them rubbing on fences, etc. A SUBSCRIBER.

Ans.—1. The winter storing of onions is always attended with more or less loss, and most growers, we believe, prefer to dispose of the crop as soon as possible. For storing, the bulbs should be well matured, thoroughly cured, not bruised, and in a dormant state. Most growers prefer topping them before storing. Sheep shears may be used to advantage, leaving about an inch of the Ans. -1. Mammitis is caused by top extending above the bulb. Sorting separating the grades. Onions should be kept in a cool, dry place. They will stand quite a little frost without much times, they become soft and do not keep well, but start to grow very quickly. Green, in "Vegetable Gardening," says the best way of keeping them is in a cold, dry room, in slatted bins, or on shelves so arranged that the air can circulate through them. A practical plan is to put them in barrels without heads, having holes in the bottom and sides, and pile these barrels on top one another, two tiers high, first putting in cases of milk fever, gives good results. onions is to freeze ther - did in a great

There is no form of disease more prevalent than dyspepsia, and none so peculiar to the high living and rapid eating of the present day mode of life.

Among the many symptoms are: Variable appetite, faint, gnawing feeling at the pit of the stomach, with unsatisfied craving for food; heartburn, feeling of weight and wind in the stomach, bad breath, bad taste in the mouth, low spirits, headache and constipation.

BURDOCK BLOOD BITTERS

will cure the worst case of dyspepsia, by regulating the bowels, and toning up the digestive organs.

Mrs. Geo. H. Riley, West Liscombe, N.S., writes: "I suffered for years from dyspepsia and could get no relief until I started to use BURDOCK BLOOD BITTERS. After I had taken three bottles I was completely cured and can eat anything now.

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\$10 DOWN \$10 A MONTH

If your means are somewhat limited, don't use your working capital at the start in paying for the land; use it to put your ranch on a paying basis.

Investigate! Send your name on a post card or in a letter to-day.

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Advertise in the Farmer's Advocate.

AUGUST 21, 1907

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sell this month for a

price that can't be ap-

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giving description and prices

of farm lands is now ready

Send for one-it will be of

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Kootenay Fruit Lands! Best in the World!

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T. R. PEARSON

MANAGE

Columbia's

Write me for information. I know all about the land situation here, having been in business in Nelson twelve

S. M. BRYDGES, Nelson, B.C.

Brydges, Blakemore & Cameron, Ltd

If you are doing an Agricultural, Ranching or Commercial business, advertise in the Farner's Advocate. approved type in addition to the pure- the lines here presented.

At this season of the year all horses are subject to colic, which is due to a number of causes, as explained in the Veterinary Book, which is sent free to all stock owners by The Hackney Stock Fook Co., of Winnipeg. severe weather sets in, and then they follows: will remain frozen until spring. They should never be handled when frozen. The following letter shows the use to cure colic:

Tyndall, Man., June 26, 1907.

Gentlemen.—I didn't suppose I could sell Hackney Colic Cure here, but Mr. Vincent, the liveryman, asked me to get some for him. He says it is a good remedy.

CHARLES JOHNSON. The following letter shows what liverymen well, and should be disposed of at once. 2. Try one of the advertised sheep

a mixture of lard and coal-oil

dips and cattle washes, or grease, with

OBJECTIONABLE COLOR MARKINGS. ing improvement. I ordered a purebred Yorkshire pig, and was sent one which had some five or six black spots on the skin, also two patches with quite a few black hairs. If t was bred from purebred stock should bulls. it have these marks, or should it be

Special Offer white in skin as well as hair? J. M. Ans.—Any of the white breeds of pigs are liable to occasionally throw stock having some dark blue spots on the skin, which do not disqualify them, and certainly do not impair their usefulness. These are probably what our corresponmentioned in the description.

DUCKS DYING.

I had 25 incubator-hatched ducklings, which seemed to be healthy when hatched, but about one has died every night, until there are only eight left. Owing to feed being scarce, the only meal I can get is oat and barley chop. I mix this with skim or buttermilk and and. I had them in a brooder for a few days, but now have them in the house by the stove. Before dying, they let their heads fall on their backs, and lie this way for quite a while.

Ans.—If our correspondent will open one of his ducklings and see if its gizzard s jammed with sand, it would give us urther light on the subject. Of course, barley chop and oat chop are not very good duck food. What we desire in a duck mash is a mixture of corn meal, oran, oatmeal or shorts, or low-grade flour and animal meal. As the large duck ranchers put it, corn meal is the basis, and enough shorts or flour is used to make the mash sticky. Bran is used as a filler. Then feed from 25 to 40 per cent. of green food. Our correspondent is using buttermilk, and hence, would not need to use beef scrap. We would suggest that these ducks be kept where it is shady. Their actions before ittle too much sun, but we are not posiive of this. Ducks require shade, and will fatten much faster in a cool place generations should in any than where it is warm.

THE IMPROVEMENT OF IRISH CATTLE.

to the recently issued report of the quality of the individual would warrant Committee of Inquiry into the Departit. ment of Agriculture, the Hon. John Dryden, the well-known Canadian live stock and agricultural expert, reviews instructively the various schemes at present in operation for the improvement of Irish live stock. His remarks, as follow, with reference to cattle breedvalue to anyone interested ing, are especially worthy of note:

The scheme devised, I understand, was first put in operation by the Royal Dublin Agricultural Society, only on a much smaller scale. It consists of a borus, or premium of £15 per annum, as it is called, given to some farmer selected by the Committee on condition that he gives to his neighbors he use of the bull for forty cows at one shilling each. Nearly ore thousand of other countries. hese bulls are placed in the different counties this year. Those at present in use are not sufficient to cover every part, percertage are Shorthorns, with a few be vastly increased in value.

inches thick on the floor of a loft, and bred or registered bulls, to which they cover with a foot or so of hay. Thus are now confined. They base their arranged they will not freeze until appeal upon differing statements as

(1.) The difficulty now experienced After thawing out they will not keep in securing a sufficient number of satisfactory registered animals owing to the present excessive demand.

(2.) The very high prices of the best pedigreed animals, placing them entirely beyond the reach of the majority desir-

(3.) If graded bulls could be encouraged, they would displace the inferior scrubs now extensively used, and prepare the way for the registered pedigree

(4.) The total number of bulls available for selection for a premium would be greatly increased.

I am free to confess that this presentation of the case calls forth my sympathy, and I think is worthy of being considered. The carrying it out dent calls black spots; but black hairs is, however, beset with numerous diffishould not appear to any considerable culties which will appear to most persons extent in a Yorkshire or any of the entirely insurmountable. To select for white breeds, and such should not be service an unregistered cross-bred bull, shipped on a mail order without being without regard to his breeding, even though he presented a good appearance, might lead the owner backward and not forward. On the other hand, non-ped igree bulls might be found tracing backward through a number of well-formed individuals of really good breeding, especially on the side of the sires. Bulls sired by registered bulls, and out of these well-bred though unregistered cows, would be a vast improvement or the inferior scrubs, with neither bread ing nor proper conformation, now comprising the vast majority in use in Ireland. But how could such selection be effected? I fear the officers of the Department would shudder at the thought of attempting it. It could only be done by a personal examination of the different individuals, and a consideration of the breeding in each case. A pedigree is valuable, not merely because t is registered in the Herd Book, but because it reveals in the ancestry a continuous line of superior individuals, which guarantees a prepotent power to transmit the good qualities shown to every descendant. Such prepotency may be found in fan ilies never yet accepted for registration, and the contrary is also true; that it is not always seen in those accepted in and shown in the Herd Book.

To encourage the use of non-pedideath would indicate that they got a greed bulls indiscriminately would, in my judgment, be ruinous in the extreme. Only those carefully bred for several encouraged. These, after inspection, might be accepted for registration in a special record arrar ged for the purpose with the view of allowing the use of sires of such breeding when a definite In the course of his interesting memo stage has been reached, provided the

> These sires would naturally be less expensive, and might call for a smaller premium, and if desirable, be designated for special districts, but always, as at present, subject to a rigid inspection as to quality, substance and constitution

> If I were guiding such an inspection, especially of Shorthorn grades, I would insist on the milking qualities being kept prominently in view, with the idea of encouraging the greatest combined production of milk and beef possible A beef animal without milking properties is entirely unsuitable to the major ity of farmers in Ireland, however well they may answer on the ranching areas

The above is the only plan which presents itself to me by which it would be safe to depart at all from preser but the influence must rapidly widen methods. Whether it is worth while and very soon make a distinct improve- thus to stimulate the grading up of the ment on the annual output. A large best among the present herds of non-percentage are Shorthorns, with a few pedigree cattle, I must leave for the Polled Angus, Hereford, and Galloway, decision of those in authority. If it he latter being used in the poorer dis- could be done, it would prove the ricts. If care be taken in the selection highest incentive to reserve in individua of the bulls, the milking qualities can be herds the choicest females, and thu preserved, while the output of beef will gradually bring them to a much higher standard. Since my last return from A strong feeling is prevalent among Canada, I have been informed that the many of the farmers that they should Department has already set in motion be allowed to use cross-bred bulls of an inspection and registration along

Ten Acre Blocks **Kootenay Fruit Lands**

We are placing on the market a part of the well-known BOURKE RANCH, ituated on the west arm of the Kootenay Lake, thirteen miles from Nelson. The Bourke Ranch is one of the best known developed fruit farms in the Kootenay. We are offering tracts of

10 ACRES Price \$125.00 per acre

Terms half cash, balance in two equal annual instalments.

The soil is the finest grade of fruit soil. The location is perfect and the price is remarkably low. There are only SEVEN (7) blocks, as but seventy acres have been included in the sub-

If you are interested, write us.

KOOTENAY LAND AND INVESTMENT CO.

Fruit Lands and Real Estate, NELSON, B.C. P.O. Box 443

KOOTENAY LAKE Fruit Lands

CHOICE fruit lands in blocks of 5, 10, 15 or 20 acres, conveniently situated near the city of Kaslo, B.C., with all conveniences of a good town, daily transportation, mail, etc.

Fruit growing is a very profitable industry, and the finest fruit is grown at and near Kaslo. Our fruit took district prize in 1906.

Ideal situation, with fine climate, boating fishing and hunting.

We will make selections for you, if desired, and if you are not satisfied after examination of the land, we will refund your money.

We have large blocks suitable for colonization purposes.

A. J. CURLE KASLO, B.C.



Mr. Farmer

This means YOU. Your family **NEED a Red Cross Sanitary Closet** this winter, and it is up to you to write us for full particulars.

Any house can have one, and we know you want to be comfortable. "Nuf said"

Write for Catalogue

Red Cross Sanitary Appliance Co.

Winnipeg, Man.

ase more preand none so ig and rapid mode of life. aptoms are: awing feeling stomach, bad pation.

dyspepsia, and toning

Liscombe, for years et no relief OCK BLOOD ken three d and can

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ON

WANTS & FOR SALE

Advertisement will be inserted under this heading such as Farm Property, Help and Situations Wanted, and miscellaneous advertis-

TERMS—Two cents per word each insertion. Each initial counts for one word and figures for two words. Names and addresses are counted. Cash must always accompany the order. No advertisement inserted for less than 50 cents.

FOR SALE-British Columbia. Ranches, farms and fruit lands adjoining city of Kamloops; blocks of ten acres up; river frontage; produces peaches, apricots, plums, grapes, melons, tomatoes, which never fail to ripen; unlimited markets; terms easy. Apply Strutt and Nash, Kamloops, B. C. 21-8

BELLEVUE YORKSHIRES .- Over 100 head of spring pigs on hand. See previous issues for breeding, etc. Nothing pays better than good stock, well looked after. — Oliver King, Wawanesa, Man.

FOR SALE—11 miles from Laurier station on the C.N.R. main line, quarter section, about fifty acres broken. House, stable and other outbuildings. Penced with two barbed wires on tamarac posts. Snap at two thousand dollars. This land is first-class and can all be broken, no stones, scrub, or swamps. We have also half section one mile north from this farm, no improvements, some scrub, about half clear, can all be broken. Al land at Bight Dollars an acre. Terms arranged. Thordarson & Co., Ashdown Blk., Winnipeg. 3-7—T.F.

WHEN REPLYING to adertisements on this page mention the FARMER'S ADVOCATE

FOR SALE. — Barred Rocks, Leghorns, Geese, Turkeys Indian Rummer Ducks, Rabbits, Pigeons; also improved Ranch. Geo. D. J. Perceval, Priddis, Alberta.

FOR SALE.—Two first-class Angus Bulls, registered in American Herd Book. Also one car lot of cattle, mostly coming 2 yrs old. These cattle are Angus grades and will be sold right. For particulars apply to P. Hay, Linthrathen P. P. Manitoba.

FOR SALE—Italian Rees, L. J. Crowder, Portage La Prairie, Man-

EXCHANGE. Do you want to exchange your farm, stock and implements for Winnipeg property. If so, write Thordarson & Co., Ashdown Block, Winnipeg.

FOR SALE—Half-section of first-class land in good agricultural district. One hundred and fifty-five acres under plow. Wood and water on place. Buildings fair. Will sell either or both quarters at twenty dollars an acre. Apply G. T. Slade, Berton, Man. 14-8

FOR SALE—Scotch Collie pups, \$10 apiece i.c.b., now ready, apply early to J. K. Hux, Rodnev, Ont.

WHEN REPLYING to advertisements on this page mention the FARMER'S ADVOCATE.

POULTRY and EGGS

Rates—Two cents per word each insertion. Cash with order. No advertisement taken under fifty cents.

FOR SALE.—600 breeding birds for sale at a sacrifice. Twenty-eight varieties of chickens, forty varieties of pigeons. Write now. A. Guilbert, Letellier, Man.

W. C. TAYLOR, Dominion City—Barred Plymouth Rocks, Buff Cochins, Black-breasted Red Game, Eggs for setting.

AT MAW'S Poultry Farm, Parkdale Post Office near Winnipeg. Acclimatized utility breeds, turkeys, geese, ducks, chickens, incubators and poultry supplies. Large catalog mailed free.

W. F. SCARTH & SON'S S. C. Buff Orpingtons. Bggs from carefully selected hens mated with first prize cock, Manitoba Poultry Show, 1907, \$2.00 per 13. Box 706, Virden

CHOICE SINGLE COMB Snow-white Leghorn eggs from carefully selected pens of choicest matings. Bred for heavy layers and typical beauty, Testimonials report excellent hatches. beauty, Testimonials report excellent hatches. Selected eggs reduced to \$1.50 per setting. Good hatch guaranteed. Orders filled promptly. Honest dealings. G. Norman Shields, 29 Glose Ave., Toronto, Ont. 22-9

BARRED ROCK Eggs from carefully selected pens of choicest matings. Leading strains of America. Selected for their choice barring and heavy laying of large brown eggs, and headed by cockerels, vigorous, blocky, and beautifully barred. I expect grand results from my Barred Rocks this season. Testimonials report excellent hatches. Eggs carefully selected from choicest matings reduced to \$1 per setting or \$1.50 per two settings. Good hatch guaranteed. Orders filled promptly. Honest dealings. G. Norman Shields, 29 Close Ave., Tronto, Ont. t 22-9

C. W. ROBBINS, Chilliwack, B. C., breeder of laying strain Buff Orpingtons. 18-9

Lost, Strayed or Impounded

This department is for the benefit of paid-up subscribers to the FARMER'S ADVOCATE, each for each additional word, payable in advance.

STRAYED—from five miles North of Ponoka, Iron Grey Horse, branded H on left shoulder; Black mare, indistinct brand; Dapple Grey mare. All unbroken and hearry weight. \$25 reward. F. D. Warren, Ponoka, Alberta T. F.

Breeders' **Directory**

Breeder's name, post-office address, class of stock kept, will be inserted under this heading at \$4.00 per line per year. Terms cash strictly in advance. No card to be less than two lines or more than three lines.

POPLAR GROVE HEREFORDS, A number of young cows, heifers, and bulls now for sale from this famous herd at low prices. J. E. Marples, Deleau, Man. Buff Orpington Eggs.

A. & J. MORRISON. Glen Ross Farm, Homewood, Man., Clydesdales and Shorthorns.

IAMES WILSON Grand Innisfail, Alta.,—Breeder of Shorthorns.

H. H. KEYS, Pense, Sask — Aberdeen-Angus Cattle and Buff Orpingtons Chickens for sale.

A. J. MACKAY, Wa-Wa-Dell Farm, Macdonald, Man., breeder of Shorthorn Cattle and Leices-ter sheep.

O. KING. Wawanesa, Man.—Breeder of York-shires, Barred and White Rock Fowl and Tou-

MERRYFIELD FARM, Fairview, Thos. Brooks, breeder of Clydesdales and Shorthorns. Box 134, Pense, Sask.

CLYDESDALES, Shorthorns and Tamworths, T. E. M. Banting & Sons, Banting P. O., Man. Phone 85, Wanwanesa. Exchange.

STRONSA STOCK FARM-Well-bred and care fully selected Shorthorns and Berkshires David Allison, Roland, Man.

SHETLAND PONIES and Hereford Cattle, finest in Canada. Write or come and see them. J. E. Marples, Poplar Grove Farm, Deleau, Man.

JOHN GARDHOUSE & SONS, Highfield P. O. Ont.—Breeders of Scotch and Scotch-topped Shorthorns, Lincoln and Leicester sheep and

WOODMERE FARM,—Clydesdales, Shorthorns and Yorkshires. Pigs at 8 weeks, f. o. b. Neepawa, \$8 apiece. S. Benson.

GEORGE LITTLE, Neepawa, Man.—Shorthorns of best Scotch type.

IF YOU ARE in need of anything, search the advertising columns. You will find it in the FARMER'S ADVOCATE.

CLYDESDALES,—a choice collection of breeding stock always available. Jas. Burnett, Napinka, Man.

ASHCROFT, W, H. NESBITT, Roland, Man. Clyde and Hackney mares and Stallions, work horses in car-lots, Ayrshires. Our motto, Live and let Live.

Trade Notes

SWEET REST. When we stop to think that one third of our lifetime is spent in bed, it is easy to understand why the visitors at the Exhibition took of whom is entitled to one free insertion of a such a deep interest in the manufacture notice not exceeding five lines. Notices exceeding five lines will be charged two cents per word made there by the Gold Medal Furniture Company of Winnipeg. The invention which this company is making promises LOST.—Dapple grey gelding, white face, branded half circle over + on left hip and 8 on back near wethers. Reward \$5.00. C. Calhoun, Crossfield, Alberta.

21-8

to make this third of every lifetime easy and comfortable. Everyone who has had any experience with the ordinary spring bed knows its propeness to sage spring bed knows its proneness to sag after usage, much to the discomfort of the occupant. This invention overcomes that difficulty in a practical manner, and the public were able to see the way this Hercules wire fabric is constructed. After weaving the ordinary weave, they interlace the opposite way, with coppered wire, which succeeds in multiplying the strength of the spring five times without decreasing its resiliency. The wires woven in opposition to each other into the cloth lock against each other, which makes it impossible to sag The Hercules springs are sold by all furniture dealers and their thirty days free trial protects every one who buys so look for the name on the frame, and the makers' Guarantee. Accept none but the Guaranteed kinds, if you want solid comfort and sweet repose This firm manufactures a full line of mattresses, pillows, steel folding stretchers and child's folding cribs

THE FARMER EVER SEEKS to make wo blades of grass or two heads of here the question of labor often becomes acute. His land must be fitted to do the plant, where its roots can take hold, and it must provide nourishment for the growth and fruition of the plant. For the latter purpose, especially, the farmer must aid nature by a supply of fertilizer. There are all sorts of fertilizers, natural and unmanufactured, but that upon which the greatest reliance is placed and from which the most desired results are obtained, is barn-yard manure The common way of applying this is to load it upon a wagon, haul it to the field, and scatter it upon the surface with pitch-forks, wielded by hand. This process is slow and laborious It requires severe physical exertion, and when the laborer is careless or skirks the result is inadequate. An apparatus that shows how one man and two horses can do the work formerly requiring five men and ten horses, and do it better, is a prominent feature of the International Harvester Company's exhibit in the States building at the Jamestown Exposition. It is examined critically by the hundreds of farmers who come from all parts of the country, and the verdict of approval is unanimous. Sim plicity obtains in the design and operation of the apparatus. A single lever R. A. & J. A. WATT, Salem, Elora Station, G.T. and C. N. R. R.—Champion herd of Toronto and New York State Fairs, 1905, also Grand Champion females, including both Senior and Junior Honors at both fairs. Write your wants controls the mechanism, a vibrating rear axle furnishes power to a heavy drive chain that turns the cylinder and sponge. Sure cure. Both by experi-BROWNE BROS, Ellisboro, Assa.—Breeders of Polled Angus cattle and Berkshire swine. Stock of both for sale.

Grive chain that turns the cynnder and spong operates the apron. The sprocket is controlled by a clutch, operated by a

WHEN REPLYING to advertisements on this BERKSHIRES,—Gold Medal Herd, Neepawa, page mention the FARMER'S ADVOCATE.

BERKSHIRES,—Gold Medal Herd, Neepawa, lever close to the driver's hand. The Manitoba. Address, J. A. McGill. apron drive feed is always under eash control of the driver, who can at will regulate the quantity required. A bright boy who can drive the team can operate the spreader as well as a man. The spreaders are equipped at will with hitches for two, three or four horses. There is a 6,000 acre farm in North Dakota where ten of these spreaders are kept busy in seeding time. This is a striking recognition of the machines value when large acres are cultivated.

WOULDN'T BE TAKEN IN.

"There are still a few honest men left in the world, "said J. J. Hill, the financier, at a banquet. "It is well to be cautious, but we should not suspect everybody. If we are too suspicious we make ourselves absurd.

"I worked in St. Paul in my youth, and they still tell there about an old farmer and his wife who started for St. Paul on a visit.

"Before the couple set off they were cautioned repeatedly by their friends to beware of the St. Paul sharpers. They replied that they would keep their eyes open. And they started on their journey with a nervous determination to look out for sharpers and confidence

"Well, on the way the old farmer got off at a junction to buy some lunch, and the train went off without him. It was a terrible mishap. The last he saw of his wife she was craning out of the car window shouting something reproachaccount of the noise of the train.

"It happened that an express ceme along a few minutes later. The old armer boarded the express and beat his wife to St. Paul by nearly an hour. "He was waiting for her at the station when she arrived. He ran up to her

and seized her valise. "'Well, Jane," he said, "I am glad to see ve again. I thought we was

separated for good. "But the old lady jerked the valise from him, indignantly.

"'No. ve don't, Mr. Sharper," she cried: "I left my husband at the junction. Don't be comin' any of ver confidence tricks on me, or I'll call a policeman."

FAMOUS BOYS.

A woman fell off the dock in Italy. She was fat and frightened. No one of the crowd of men dared to jump in after her; but a boy struck the water almost as soon as she, and managed to keep her up until stronger arms got grain grow where one grew before, and hold of her. Everydody said the boy was very daring, very kind, very quick but also very reckless, for he might have two things; it must furnish a home for been drowned. The bov was Garibaldi and if you will read his life you will find these were just his traits all throughthat he was so alert that nobody could tell when he would make an attack with his red-shirted soldiers, so indiscreet sometimes as to make his fellow-patriots wish he was in Guinea, but also so brave and magnanimous that all the world, except tyrants, loved to hear and talk about him.

A boy used to crush flowers to get heir color, and painted the white side of his father's cottage in Tyrol with all sorts of pictures, which the mountaineer gazed at as wonderful. He was the great artist Titian

'How would you like to have your steak, sir?' asked the waiter who had taken the order nearly half an hour

"Very much, indeed,' quietly replied the patient patron.—Philadelphia Press.

Questions and Answers

TO KILL LICE ON CATTLE.

A'SUBSCRIBER.

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AUGUST 21, 1907

NAVICULAR DISEASE.

Mare is lame in fore leg; sometimes worse than others. She is worse when she is worked. She is getting worse. I can find nothing wrong with her foot. The top of the shoulder of lame limb is lower than its fellow.

Ans.—All symptoms point to navicular disease, the lameness of which is in mostly all cases irregular, as in your case. music correspondence school? It gradually gets worse until lameness is constant. The falling away of the muscles of the shoulder is due to want being taught by correspondence. of function from the mare resting the foot. It is very hard to treat a case of this kind and in advanced cases a permanent cure cannot be made. She must have rest. Remove shoes. Give comfortable box stall. Clip the hair off Sask.

What is the skin of that is shot in July? all around the hoof for two inches high. Get a blister composed of two drams the year is not worth a great deal and each biniodide of mercury and can-when taken in the winter they range tharides, mixed with two ounces vase- in value from \$10 to \$250. The fur line. Tie her head so that she cannot companies advertising in our columns bite the part. Rub the blister well in would give full value. once daily for two days. On the third day wash off and apply sweet oil. Let her loose in stall now, and oil every day. As soon as the scale comes off, which will be ten to twelve days, tie up sheet iron granaries for grain bins? and blister again, and after this blister practically useless from this trouble, and what size is the best to use. all that can be done is to get a veterinarian to perform an operation called neurotomy.

HOMESTEADS: LINE FENCE.

Could I sell my homestead in Alberta and take one up in Saskatchewan or can wan?

A & B have adjoining farms. A lives on his, B does not. Can A compel B to put up his share of the line fence or if A puts it up can he make B pay for it, or if A has a deal on with B, can he hold back part of the money due B? Alta.

Ans.—No, once you have obtained your patent you are not entitled to to oat sheaves, was given while away another homestead of Dominion Govern- from home whole oats at night; next ment lands. There is some land in morning was found lying down in stall Saskatchewan that can be had for \$3 suffering. Every time I made her get per acre, but that is its value. Mr. up soon after she would lie down again. Oliver's Bill to make vacant lands on Doctored her the best way we could odd sections available at \$3 or other with help of neighbors. In your ansnormal sums per acre has not yet wer please deal with the different

if B ever makes use of it to enclose and cures. stock A can collect cost. Otherwise 3. One of my neighbors has a horse A has no claim upon B.

REMOVING ODOR OF SKIN.

Will you tell me through your paper if there is any way for removing the prescribe in both cases. smell from a wolf skin which has been tanned and is being used for a mat? J. H. H.

Ans.-We do not know of any. Perhaps some of our readers could tell.

HIRED MAN AND AGREEMENT.

I hired a man from April to Septem- gestion. cancel this by giving eight days' notice to be paid when he leaves me. Lorne Mun., Man.

Ans. -If your agreement says that either party upon cancelling shall give be treated the same way; namely, starve reasons and your man does not give the horse for twelve hours, give one any, then you would be justified in pint of raw linseed oil and two ounces of deducting or in taking other severe turpentine. Twelve hours afterwards measures, but if the clause relating to give a ball or drench of Barbadoes reasons is not in the contract then the aloes, 10z; ginger, 1 dram; afterwards

that an increase in wages was a good reason for leaving. You cannot compel him to supply another man. Your only recourse is in the wording of the agreement and if our explanation is not clear you should get a solictor to advise

MUSIC SCHOOL.

Could you give me the address of a

Ans.-No, we are not aware of it

SILVER FOX SKINS.

What is the skin of a silver fox worth

Sask. Ans.—A skin taken at this time of

SHEET IRON GRANARIES.

Can you tell me where I can get I would also like to hear from farmers once every month as long as you can through your paper who have used give her rest. In some cases, horses get them, as to what success they had and

> Ans.—The iron works companies at Brandon, Regina and other towns make these articles on order.

INDIGESTION: COLIC.

Horse, nine years old, got loose I buy land at \$3 an acre in Saskatche- and went out during night; ate probably green wheat and green oats in field; was in the morning turned out to pasture; was found at 7 p.m. lying down. I made him get up, but soon found out that he was trying to urinate without success. Di d 24 hours afterwards. What would have been good for him? Vet. not on hand; arrived only 6 hours before death.

2. Mare, ten years old, accustomed kinds of colics: flatulent, spasmodic, 2. A can build the fence and then and others and give symptoms, causes

> bots or pin-worms. Please prescribe. Another one lost a horse last week and in opening him found the stomach practically all eaten up and about one quart of bots. Please

Warman, Sask. R. M. E. P. Ans.—It is difficult to answer your questions under separate headings, for the causes, symptoms and treatment are so nearly alike that it is useless to describe them separately. I consider your horse has been suffering from indigestion caused by overloading the stomach, causing a suspension of di Then fermentation and ber for \$30.00 a month and we have decomposition take place and unless writing between us that either party can relieved serious results will follow. Nearly all the so-called colic cases are and for good reasons. Now, my hired indigestion, either acute or chronic man told me this morning that he One of the symptoms you mention is would quit me next week and when I stretching out as if to urinate. This asked him what reason he had to leave is a symptom of indigestion Put the me, he said he had none, but I see he animal in a good roomy loose box or leaves me to get higher wages, as paddock where he can have a good we have to pay \$40 and \$45 a month roll and give raw linseed oil, 1 pint now for a man. Now, what have I to turpentine, 2 ounces; fluid extract of do? I told him that he would have to belladonna, \frac{1}{2} ounce to I ounce according find another man to work in his place to the size of the animal; or if possible and he says he won't. If I hire another give a ball composed of Barbadoes one and cannot get him for less than aloes, 3 drams; carbonate of ammonia \$40,00 a month, can I deduct the 3 drams; extract of belladonna, ½ to 1 \$10.00 more from his wages? He wants dram; and repeat in two hours. If no relief apply mustard to abdomen and follow up with injections.

Your two neighbors' horses can both man is within his rights and if you pro-tested he would be able to show a court aloes, 1 oz; ginger, 1 dram; afterwards

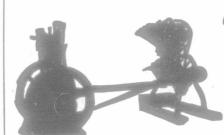
DE LAVAL SEPARATORS

The superiority of DE LAVAL Separators over others is easily apparent to any man who is practical enough to protect himself by investigation against a poor investment. To buy a cream separator without first trying a De Laval is to do an injustice to himself and his dairy interests.

The De Laval Separator Co.

WINNIPEG

Vancouver



The Farmer's Friend

For Grinding, Pumping, Churning, and General Farm or Machine Shop Work, the Fairbanks Gasoline Engine Morse

holds the lead. It will do more work than any other Gasoline Engine of same horse power For Sale by Dealers Everywhere.

Or cut out complete advertisement and send to

THE CANADIAN FAIRBANKS COMPANY, LTD. 92-94 Arthur St., Winnipeg. Gasoline Engines. I may want Please send me illustrated Catalogue No. Engine to run ...

Name ... Province

spoonful every night in mash. WEAK MARE.

give a tonic, sulphate of iron, 4 ounces;

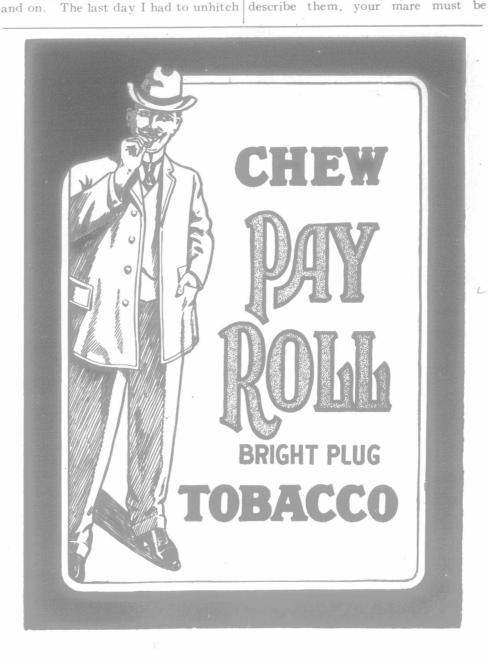
and good hay, but she would not eat when she is worked too hard. all her feed and sometimes she left all.

I used her about a week's time off

her because she staggered and could gentian, 4 ounces; ginger, 2 ounces; hardly walk. I took the harness off nux vomica, 1 ounce. Give a table- and let her go. She began eating at once with a good appetite.

A few days after she got quite sick. I have given her raw linseed oil and I have a mare that has been sick all turpentine for worms, but she did not spring and summer. She eats well pass any. Now she is thin, she steps enough but is getting poor. This heavy. When I turn her around she spring I fed three gallons of oats a day grunts.. She shivers in the front legs

Alta. Ans.—From the symptoms as you



DR. FOWLER'S EXTRACT OF

CURES Summer Complaint, Diarrhoea, Dysentery, Colic and Cramps, Oholera Morbus. Cholera Infantum AND

All Fluxes of the Bowels.

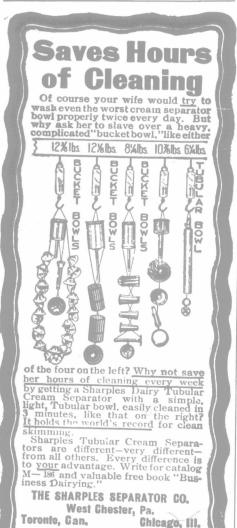
It is without doubt the safest and most reliable remedy in existence.

It has been a household remedy for sixty-two years.

Its effects are instantaneous and it does not leave the bowels in a constipated

Do not be humbugged into taking semething the unscrupulous druggist says is just as good.

Mrs. Ed. Stringer, Hemmingford, Que., says: "I have used Dr. Fowler's EXTRACT OF WILD STRAWBERRY with excellent results. I always keep it in the house as it is the best cure for Diarshoea that can be had.



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FARMER'S COLONIZATION and SUPPLY COMPANY 6 Stanley Block, Winnipeg, Man.

suffering with some germ disease, most likely swamp fever, for which there ozs. hypo-sulphate of soda, 8 ozs; slight. I put on a blister and turned nux vomica, 2 ounces; powdered him on the prairie, but he is just the digitalis, 4 drams. Give a tablespoon-same yet. ful twice per day in mash.

SUNBURN OR INDICESTION.

A litter of spring pigs have a scab or scale along the back; the ears are also affected and the tips folded down. Kindly give cause and remedy A. N. O. U.

sunburn, as we have seen pigs so affected from this cause. For this apply grease or oil. It may be from indigestion, for which reduce the feed. Give plenty of exercise and let the pigs have bowels are not constipated.

COCHIN COLOR: KILLING TREES.

Are these objectionable? Could I send

Surface throughout an even shade quarters; better let her go dry. of rich golden buff, free from shafting or mealy appearance; under-color a thorough bathing with hot wa lighter shade, free from foreign color, rubbing, or the air treatment Black or white appearing in wings or tail is a serious defect and one shall

SCROTAL HERNIA be considered as objectionable as the other. Different shades of buff in neck, be ruptured at the scrotum. How back, wings or breast, or in two or more sections, constitute a serious defect. A should he be treated? harmonious blending of buff in all sections is most desirable.

cations for color in buff cochins, you is called the covered operation. Have have evidently been imposed upon in a thoroughly qualified veterinarian to respect to the birds you bought. Whether operate. or not you will be able to get redress depends upon the nature of the bargain made. If you bought them for high scoring birds the seller deceived you, and you should get your money back.

2. Along in mid-summer.

SWOLLEN GLANDS.

in Ontario last winter. One horse the Hudson's Bay Company give me where she was had distemper; this the information how much land and mare seemed all right; brought her west how much water there is? in spring. Shortly after arriving she Alta. egan to cough slightly at times when feeding. Cough lasted about two weeks, quarter section from the Hudson's Bay Now she breathes loudly; can be heard Company on which there is a lake or a few feet away. Otherwise seems in large slough, you will only be required good health, eats well; is in good con- to pay for the actual land not covered dition and is in good spirits. Does not by water. If, however, the lake or

Sask.

each side of the throat are still swollen able lakes or rivers. and enlarged, which restricts the pass- write to The Hudson's Bay Land Co., age of air in the throat. Clip the hair they would give you the actual acreage off the swollen surface and paint of land on the quarter section menthe parts with tincture of iodine.

SIZE OF CHICKEN HOUSE.

What size would a chicken house have to be to hold 50 pullets, without crowding?

Ans.—A house 10 by 15 feet would be about the right size to house 50 pullets. Authorities usually figure 3 sq. feet floor space for each fowl. But so many different styles of houses are in use and so much diversity of opinion among poultry men exists as to what taken from the Scottish Farmer; is the best kind to use in particular Handsome prizes having been offered. localities that it is difficult to make and the course being one of the best in recommendations in the matter. In Scotland, there was a large number of our issue of Aug. 7th, Mr. A. B. Smith entries, nearly all the crack dogs being discusses this whole question of poultry forward. Mr. W. B. Gardiner ("Ralph houses pretty thoroughly, also to any Fleesh") acted as judge. Mr. James one going into poultry business even Scott, Troneybill, who, it was rumored on a small scale, the bulletin he refers would run for the first time a son of old to, No. 90 of the U.S. Department of Kep, turned up with the aged hero him-Animal Husbandry, would give the self, having wisely left the during youth latest advice available on such a at home. Never did this great canine latest advice available on such a at home. matter as this.

BONE SPAVIN.

Have horse three years old that I has not been any sure remedy discovered. started working this spring and just You might try the following: sulphate started throwing out a bone spavin. He of iron, 4 ounces; powdered gentian, 4 is not lame and the swelling is very

> Can anything be done to reduce the swelling and is it liable to cause lameness?

> Sask Ans.—If your colt has never been

lame from the spavin it is possible he may never go lame. You cannot reduce the enlargement. If he goes lame blister with the following: biniodide Ans.—This condition may be due to of mercury, 2 drams; powdered cantharides, 2 drams; vaseline, 2 ounces.

INFLAMED UDDER.

About six weeks ago we bought a free access to charcoal. See that the newly calved cow, but she would not let the calf suck or let us milk her. Her udder was very hard and two teats sore and hard and one-quarter of the udder turned black and broken. We washed Kindly inform me as to the color of it twice a day and rubbed turpentine a purebred Buff Cochin hen. I bought on it. We also lanced it twice, but a pair a few months ago and the hen now it looks as if the one-quarter of it has black feathers on her tail and wing. were coming out. Did we do right?

Ans.—I do not consider it would be 2. At what season should Balm of wise to try to raise any more calves Gilead trees be cut down so as to kill from the cow. The trouble has been your cow was not properly attended to Ans.—The American Standard of after calving, causing inflammation Perfection gives the following as plum- of the udder and she will most likely age qualifications for Buff Cochin hens: lose the use of two or more of the

The treatment should have been thorough bathing with hot water and

SCROTAL HERNIA.

I have a horse foal which appears to

Ans.—The only treatment for your These being the standard qualifi- colt is castration and this must be what

PAYING FOR LAND OR WATER. *

Can you inform me about the survey of a one-quarter section of Hudson's Bay land, whether you have to pay for a lake on it about sixty acres in extent? The neighbors claim that you only pay for the land that is surveyed on the one-SWOLLEN GLANDS. quarter section. I thought the Govern-Have four-year-old mare, was raised ment surveyed the lakes too. Would

Ans —If cough, nor is there a jerky motion at slough is within or any part of it within flank, as in heaves.

The quarter section of land which you Ans.—It is probable the glands at This of course does not apply to navigable. The still swollen able lakes or rivers. If you would tioned.

Gossip

SCOTTISH SHEEP-DOG TRIALS.

The East Lothian Agricultural Society held an exhibition of dog trials at Haddington the week of the Highland Society's Show, at Edinburgh, the following condensed report of which is

artist make a finer display. He led off

The Best in the **KOOTENAY**

52 acres of splendid fruit land only 20 minutes from the center of the City of Nelson. First-class wagon road through property.

5 acres under the very best of cultivation and 13 acres almost ready for planting.

of an acre bearing strawberries.

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Veterinary Adviser describes and illustrates all kinds of blem-ishes, and gives you the information sou ought to have before ordering or buying any hind of a remedy. Malled free if you write. FLEMING BROS., Chemists, hurch Street, Toronto, Ontario 45 Church Street,

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with all his wonted dash and decision, Robert Wood, Costerton, and Mr. George record was being made. Responsive to had his opening performance even every gesture of his master, he cleverly approached his closing display he should cut off the marked two, then drew up to certainly have commanded the second the penning in magnificent style. This, honor along with the single-sheep and takingaway tests, was accomplished almost perfectly, the result being that he was placed first. Mr. Andrew Brown, Soonhope, came in second with Maid, a sevenyear-old, but still youthful when called into action. She entered upon her task with practiced ease, took possession of her lot without any unnecessary display, handled them firmly, still gently crossed the first pole perfectly, and faced up to the shed like one who had long dis-

AUUGST 21, 1907

even here he proved himself a master. In the confined class, Mr. Thomas Gil- in agricultural practice holm, East Fortune, was first with Bill, a son of old Kep. This is a great dog, is to establish a strain which will yield with two pronounced faults. His run more bushels of good quality per acre out and first pole were dazzling. At the under his conditions than did the origshed his opening points could not be inal, yet the factors in true breeding are excelled, but as time advanced he overshadowed by the question of resist seemed to become stubborn, and refused ance. In Canada, as in all other coun to respond promptly to his master. For tries, there are numerous adverse condithe forward move, particularly at shed-tions, such as rust, smut, weakness o ding and penning, he invariably substi- straw, drouth, impoverished soil, etc tuted a half-crescent, which gave ground which go to influence the yield, and to the very sheep that ought to have must be carefully considered in selection been checked. On the single sheep he work. The selecting of plants which handled himself powerfully; and at the have outstripped the regishbors enjoytaking-away, while he looked a trifle ing equal opportunities has proven the sour, he was obedient enough not to utility of the system within the past take the law into his own hands. The same owner was also second. This is a While every crop of any considerable sweet little thing, that moved as on the consequence is receiving attention, ye wings of the wind. Her opening turn the work that is being done in Canada was unfortunate, and the first pole even with wheat easily overshadows in more so, but the shed and penning importance that which is being carried defied her, but again at the taking-away

The difficulties which are naturally asso-

(although this was disputed) he evinced

take in departing too far from the start-

ing post as the dog was approaching the

It may have been concluded that here

penning great work was performed.

Then on the single sheep the best prac-

and the moment he focussed his charge Dickson, Alderston, they being equal. (a lot of five) he dropped as if mechan-Here in both cases the working, though ically worked by his master. Then he indicative of great possililities, was too moved on to the first pole; showed a perfect mastery here; and when the shed was approached everybody felt that a know, pressed hard on the third, for

The trials gave great satisfaction, all the arrangements being perfect. In the opinion of the judge, the guiding of the sheep, in point of caution and gentleness had never been excelled.

IMPROVING SMALL GRAINS BY SEED SELECTION

During the past year the work in up to the shed like one who had long dis-covered that much running was bad art ducted under the Canadian Seed and worse practice. Experience was Growers' Association, has made a steady evident in her every move, she attach- and very material advance. Not only ing more importance to inches of space has the number of operators increased than did some of her more showy rivals but, what is perhaps of more importance, to yards. As she came up to the pen, there has been a very decided advancethere was a tantalizing simplicity in her ment in the intelligent interest taken in manner, since it seemed to satirize the the work, and much has been added to juvenile flourishes of her rivals. Again, our knowledge as a result. It is gratat the pen she showed herself no mean ifying to note the degree in which many mistress; and on the single sheep, as at of the growers have caught the spirit of the final test, she more than fulfilled the the work, and have become sensible of expectations created by her opening the fundamental principles involved. points. Mr. A. Millar, Ballageich, with With the increased interest in the Risp, and Mr. Simon Rutherford, Over- improvement of strains there has come a hall, with Jim, divided the third. Risp greater tendency on the part of the is a son of the famous Frisk, and shows growers to conduct trials with a few himself in every respect worthy of his leading varieties of the crop or crops sire. His run out and crossing the first under consideration, and as a result pole was faultless; nor did he disappoint many unsuitable varieties have had to at the shedding and penning, his action give way to others more desirable as being truly fascinating. On the single foundation stock. The improvement sheep he made a wrong calculation, in no and maintenance of these superior way glaring, but just such as might have varieties and strains seems to offer been averted. His taking-away was great advantages. The degree to which splendid, the course being completed in many of our best varieties have become brilliant form. Jim's first point lacked mixed with other less desirable sorts is the decision of his first pole and shed- noteworthy. This intermixture is ding operations. At the pen he was seen largely due to carelessness on the part of in his old commanding mood, every the grower, and to the use of improperly-move marking progress. Like Risp, on cleaned, itinerant threshing machines. the single sheep he threw himself too Some of these unwelcomed kinds mature close on his charge, and thus slightly earlier than does the regular crop, and as marred the opportunity of his showing a result they multiply with great rapid capacity. His taking-away was steady ity. As an example of this, we find the and grandly sure. In placing the fourth, vagrant variety of wheat, known as the the decision of the judge was subjected Assiniboia Red, which contaminates to considerable criticism, many thinking many of the wheat fields of the West. that Mr. Wallace's dog deserved more maturing somewhat earlier and shelling generous recognition. Indeed, had time more freely than does its host, and hence permitted, we understand the judge establishing itself more firmly as time would have demanded a re-trial of the passes.

last four dogs, their points having made Then, again, we find the different disit nearly impossible to state a difference eases to which these smaller grains are His (Wallace's) dog took his course skil- heir, very difficult to keep under control fully, dropped beyond his sheep in rare in large areas. As a result of these things it is almost impossible to secure with certainty strong, healthy, pure and a slight waver in his succeeding move- uniform seed of high quality in the ordment. Perhaps the master made a mis- inary manner. This fact explains the growing popularity of the special seed plot of limited area as a place where first pole, thus rendering a flanking turn, high-class seed may be procured. The which is always important, unnecessary. using of only the best obtainable seed on clean and well-prepared soil, allowing the dog was weak. At the shed and the crop to thoroughly ripen, making it possible to select seed by hand from standing plants of desirable types and in tice of the day, with one exception, was sufficient quantities to perpetuate the witnessed. At the taking-away, how-same, and threshing and storing sepaever, he was not quite so happy, although rately from other kinds, are the main claims that this system has established

While the ultimate aim of the grower

she showed some of the approved traits ciated with an extensive system of farmof age. The third prize went to Mr. ing are met with most in the great

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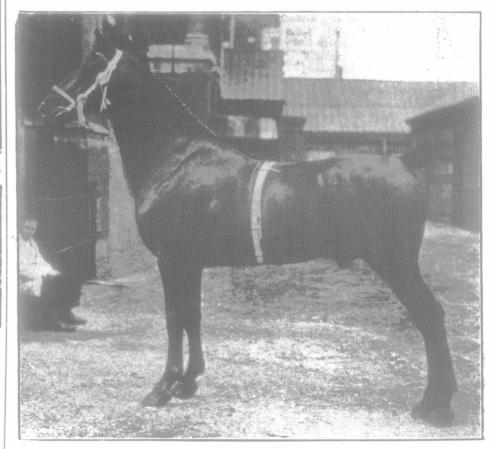
Growers' Association.

JAPAN.

wheat-growing districts of the West. it would take 14 days to reach Seattle, Here the wonderful fertility of the land, and 14 days from there to reach their

DAUPHIN FAIR.

A wet and stormy forenoon undoubtedly kept many away from this exhifungous diseases. This fact, and what bition on 6th inst. and caused numerous it means, are already well known to the Western grower, and the seriousness with which it is being looked upon is evidenced by the increasing number who are welcoming a system which will who are welcoming a system which will in this good land are to cut any figure enable them to keep these things under in the beef or dairy industries. Horses were the best represented of all live Many varieties and strains of oats and stock and some useful animals shown in barley are also being worked upon, and the agricultural classes. Reverting to excellent results are being achieved, the breeding of an improved cattle the while such crops as beans, peas, clover evidence given on Fair day before the and millet are also receiving the advan- Beef Commission seems to point to the tage from the lessons taught by the fact that farmers are of the opinion response of our leading crops to select that they are not able to make sufficient tions therefrom of seed from the most out of their produce in this department coveted plants for seed purposes. The to warrant extensive outlays in high advantages of this system of maintain- class stock. If such be the case one ing a high standard in crop raising can hardly blame them, as business should appeal to every grower.— men, for refusing to embark upon a Extract from the last annual report of non-lucrative branch of their trade. men, for refusing to embark upon a the Secretary of the Canadian Seed It is, nevertheless, a fact greatly to be deplored, for a district so well endowed by nature ought certainly to maintain CANADIAN DAIRY CATTLE FOR herds of high-class animals. Cereals and legumes grow here, if properly handled, as well as any place in the On July 18th, the second consign- province, and all is present but the will ment of 60 head of Canadian dairy cattle and ability of farmers backed up by



SIR HUMPHREY 9889, CHAMPION HACKNEY STALLION, INTERNATIONAL HORSE SHOW, LONDON, ENG., 1907 Owned by Pabst Stock Farm Milwaukee, Wis-

were shipped from Howick, Que., via improved railroad facilities or some G. T. R. and C. P. R. for Seattle, and further inducement to cause stock thence by steamship across the Pacific breeding and raising to become more to their destination, Yokohama. Two lucrative. years ago, representatives of the Japanese Government visited Canada and selected a considerable number of Avrshires, which have proved so satisfactory that more were called for. Three representatives, N. Niki, K. Tsukonchi and and over. Mr. Caldwell's animal was ville, Ont.; R. R. Ness, Wm. Hay, P. D. McArthur, J. W. Logan and James Byson, Howick, Que., and Jas. Cottingham, Chas. Moe and Jas. Cavers, Ormstown, Que. These animals ranged from one to two years old, the two-year-olds being nearly all forward in calf. Four yearling bulls were included in the Ayr-Hereford bull from H. D. Smith, Hamilton, Ont. and a Shorthorn heifer from J. M. Gardhouse, Weston, were included quantity.

Last but not least are the horses and

In the Shorthorns the exhibits were greater in number than the other breeds and the bulls shown were fair. Mr. certainly in better showing condition points. In cows again many would have preferred the second to the first, the former showing in their opinion better breeding. No fault could be found with the placing of the other classes and indeed, in several there was but one animal shown. Mr. Dunfield had some good looking Ayrshire cows, and no opposition. Mr. D. F. shire contingent; one purchased from Mr. Ballantyne, the others from Mr. Ness. Eleven Holsteins purchased from R. Wing, of Syracuse, X. Y; one from R. Wing, of Syracuse, X. Y; one were distinctly poor, as were also the

I. M. Gardhouse, Weston, were included in the shipment. The animals were collected at the stables of Mr. R. R. Ness to be 'ested, marked and photographed singly. It was expected that

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tion this paper. Address THE CUTTER LABORATORY BERKELEY, CAL

Prince of Edengrove, formerly owned at Portage, outclassed his competitor. In the agricultural sections brood mares

with foals at foot formed a large class and Dr. Wyrant and Mr. J. E. Johnson had to take some time in making the award. The mares were of considerable variety, some being very light for entry here. Mr. John Killop with a real good pair took the team prize from Messrs. Kinstry and Sons. The winners were bought last fall, we understand from Carman, and were the most attractive exhibit on the ground. The youngsters were also well represented and taken all through the agricultural and heavy draft horses were good. Mention might be made also of Mr. M. Perry's team, which took first in heavy draft, best groomed team, collection and exhibition of farmer's horses and the

SHADE AND SHELTER FOR CHICKENS.

walking.

An exceedingly useful and simple device for providing chickens with both shade and shelter, says the Irish Homestead, consists of two ordinary chicken coops, set down adjacent to one another, at any desired distance apart, say four to six feet. The fronts of both coops face the same direction, and the space between them is sheltered by an awning, supported by a light frame, which extends from one coop to the other. The coops may be each about two and a half feet square, and will accomodate two hens with their proods, the sheltered space being used in common by both broods. The awning may be of any light material, such as canvas, unbleached calico, oil cloth, etc., and it extends over the top and back, with a few inches hanging over the front. When the chicks are under a week old, and it is desired to confine

herd header—and 14 yearling Bulls; also Cows and Heifers.

JOHN RAMSAY, - Priddls, Alta. them to limited space, this arrangement will be found most useful, it being only necessary to close the front with a strip of netting, or for greater convenience, a piece of netting may be attached to a frame, and used when required for the purpose named When the chickens are older and have full liberty to roam, this arrangement or providing shade and shelter is no less useful than when they are confined, and they quickly learn to seek it when a sudden shower comes on, or when the heat of the sun is excessive For rearing turkeys and ducklings also, this double cooping plan with shelter will be found most useful, for these birds, as well as chickens, are Herd headed by the imported Cruickshank Bull Allister, winner of championship at Prince Albert and Saskatoon. Herd also won twelve first and eleven second prizes, 1906.

Bulls that have won 1st and 2nd prizes 1906. much injured by extremes of heat and of the stunted, thriftless, almost bare chickens which are to be seen in summer time, owe their condition to exposure. This is particularly true in those localities where there are no trees, shrubs, or other natural shade, in which the birds may find refuge from either sunshine or hard weather

> HAY ONLY HALF A CROP IN OUEBEC.

Haying is now in progress throughout Quebec, says the Huntingdon Gleaner. From wide inquiry we are forced to believe it is not half an average yield, Where the land is a stiff clay, there is none to cut in the furrows, owing to winter killing, while the severe frost played havoc with clover roots. To make matters worse, weeds are superabundant, meadows being alternately yellow with buttercups and white with ox-eye daisy. Hav is by far Quebec's most abundant crop, therefore its being half a yield is of serious consequence. There is a prospect of grain and corn turning out well, which will help matters, and it is to be hoped the present promise of these crops will be realized

LIFE OF FARM MACHINERY.

With good care and housing, an ordi nary grain binder on the average 160-acre farm will last from 12 to 16 years. In comparison with this, a binder

Fleming's Lump Jaw Cure and it remains today the standard treatment, with years of success back of it, knews to be a cure and guaranteed tocure. Don't experiment with substitutes or imitations. Use it, no matter how ald or bad the case or what else you may have tried—your money back if Floming't Lump Jaw Oure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in

Fleming's Vest-Pocket

Veterinary Adviser

Most complete veterinary book ever printed
to be given away. Durably bound, indexed
and illustrated. Write us for a free copy. FLEMING BROS., Chemists, 45 Church Street, Toronto, Ontario

If you want feeders that will graze you must have with the best. Shetlands and White Leghorns
JAS. BRAY, Portage la Prairie for sale.



NEEPAWA STOCK FARM FOR SALE-Shorthorns. combining milk and beef, and prize winning Tamworths, pigs of both sexes. Write me,

A. W. Caswell, Neepawa, Man.

SHORTHORNS

Ranchers and farmers need the reds, whites and roans, if you wish to breed the best and m profitable cattle. Can supply you with top stuff. Am offering two-year-old Bullherd header—and 14 yearling Bulls; also Cows

YDESDALES

Catalog on application

W. H. BRYCE Doune Lodge Stock Farm

Arcola, Sask. B. P. RICHARDSON

BARRISTER, SOLICITOR NOTARY PUBLIC Solicitor for the FARMER'S ADVOCATE for Alberta and Saskatchewan.

GRENFELL, SASK.

LANDS FOR SALE Sittyton Shorthorns

The Champion Herd at Regina and Calgar 1906. At present all my bulls are sold but I can supply a number of first-class females of all ages and of most approved breeding. My old stock bull, Sittyton Hero 7th, has left a good mark. Get my prices for females before closing elsewhere. QEO. KINNON, COTTONWOOD, Sask. Lumsden or Pense stations.

SHORTHORNS and YORKSHIRES

We have ready for shipment now, a number of Bulls and Heifers of various ages and of good quality. These will be sold cheap, as we are

overcrowded.

In Yorkshires we will be able to ship by the end of June a grand lot of young pigs, of either sex. Also a few good Berkshire Boars. These are mostly from imported or prizewinning stock.

For particulars write to WALTER JAMES & SONS, Rosser, Man

E. T. CARTER & CO., TORONTO

CLENDENING BROS.

Harding, Man.

RED POLLED CATTLE The Grain Grower's Cow

A few Bull Calves for Sale

YORKSHIRE HOGS There is money in Hogs if you have the right kind. Our breeding insures both quality and quantity. Spring Pigs of

both sexes for sale. SPECIAL OFFERING OF

8 Good Young Bulls FIT FOR SERVICE

Geo. Rankin & Sons, MAN.

Brampton Jerseys Select your stock bull or family cow

from Canada's most famous and largest Jersey herd. B. H. BULL & SON

Canada Brampton,

OUR

Shorthorns & Yorkshires Will be seen at the leading

Western Fairs this year.

W. H. ENGLISH & SONS. HARDING.

Terra Nova Stock Farm HERD OF ABERDEEN-ANGUS CATTLE

All the best families represented. Some fine young bulls for sale from both imported and home bred cows. Prices reasonable. 8. MARTIN, Rounthwaite, Man.

PARK HEREFORDS

The Champion Herd at Winnipeg and Brandon for three years. This year won nine first prizes out of ten competed for. At Winnipeg, three championships and one grand championship. A few good young females for sale. **ISLAND PARK HEREFORDS** Address: J. A. CHAPMAN, ISLAND PARK FARM, BERESFORD, MAN.

MAPLE

SHORTHORNS SHROPSHIRES One yearling "Lavender" buil for sale
Younger buils growing
All shearling rams and ewes sold
Will Sell a few good ram lambs

JOHN DRYDEN & SON Stations: Brooklin, G.T.R.

Brooklin, Ont. Myrtle, C.P.R.

Bellevue Herd of Yorkshires

FOR SALE at present, the champion boar (1906) "Cherry Grove Leader," winner of first prize at Winnipeg and Brandon Fairs 1907. "Prince II," champion boar at Brandon 1907. Both these boars got by the champion boar "Summer Hill Oak 17th." at Winnipeg 1905 and Brandon 1905-6. What better record do you want? Boars and sows, all ages, at reasonable prices. Order early if you want any. The best herd west of the Lakes in Yorkshire and Tamworth Swine

OLIVER KING, WAWANESA, MAN.

GOLDEN WEST STOCK FARM

Clydesdales and Shorthorns

Stallions and mares of excellent breeding, of all ages, for sale Also some choice young bulls fit for service and a number of

cows and heifers of noted Scotch strains. Many of them Leading Prize Winners at the big Western Fairs.

P. M. BREDT

Regina, Sask.



not have the money to buy a manure start the machine, or stop it. spreader, he could afford to borrowit, Then again there is the pay 50 per cent interest, and still make

use of a manure spreader is.

It will make more than 50 per cent per year

much money a spreader makes for you on directly over the center and none at all at the every ton of manure hauled into the field.

Of course, you must be sure and buy a good full width of the cylinder. spreader. We mean a strong, dependable. There are many other excellent features practical machine—one that you can load up about these spreaders—both wheels are drive spreader. We mean a strong, dependable, day after day and drive into the field with wheels, the steel wheels cut under the box, absolute certainty that it will spread as many the apron never binds nor buckles, the front

loads per acre as you desire.

The I. H. C. spreaders, Corn King and Cloverleaf, will do this. They can be regulated to spread any number from 3 to 30 loads

Ale is well trusse absolutely rigid.

We suggest that of a profitable to the suggest of a profitable to the suggest that the suggest that the suggest is a suggest is a suggest that the suggest is a suggest that the suggest is a suggest that the suggest is a suggest is a suggest that the suggest is a sugge per acre. The principal point of difference fully. The local agent in your town is in the apron. The Corn King is a return gladly demonstrate the line he handles. apron machine and the Cloverleaf an endless write the general office for catalogues, colored apron machine. Both spreaders are replete hangers, or other information desired. with valuable features, not found on other spreaders.

Farmer who knew said that if a man did change the rate of feed, return the apron,

Then again there is the vibrating rake, a feature not found on any other spreader. You know that when first starting the machine, if This shows how extremely profitable the not properly loaded, the manure is apt to pile up against the cylinder and clog it. Perhaps great chunks will be thrown out until the load It will make more than 50 per cent per year on the investment.

It increases the fertilizing value of barnyard manure, the only fertilizer produced on the farm, fully 100 per cent, and when you remember that this barnyard manure is an even and uniform distribution of the conworth \$2.00 or more per ton, you know how tents. You won't find a whole lot coming out directly over the center and none at all at the sides, but instead an even distribution the

axle is well trussed, the frame is staunch and

We suggest that you look into this question of a profitable manure spreader very care-The local agent in your town will

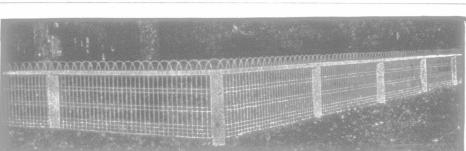
Send for copy of "Farm Science" or preaders, "Wasteful Farm Practices" which contain
For instance, the single lever on the I. H. C. very valuable information on agricultural

allows the driver to make every adjustment- subjects of special interest to you. Call on our Local Agent or write nearest branch house for catalogue. CANADIAN BRANCHES: Calgary, London, Montreal, Ottawa, Regina, St. John, Toronto, Winnipeg International Harvester Company of America, Chicago, U.S.A.

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Farm and Fruit Lands. I have for sale 320 acres, 4 miles South of Swan Lake, Man., N. E. 1 of 31 & N. W. 1 of 32; Township 4, Range 10. Cheap at \$4000.

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The Acme style you see above costs only from 16 cents a linear foot. Handsome and durable for lawns, parks, cemeteries, etc. Any height or length. Gates to match from \$2.25. Write for catalog, or inspect this ideal fence. From us direct or any Page dealer. The PAGE Wire Fence Co., Limited Walkerville Toronto Montreal St. John Winniped 119

LAMENESS

Whether it is a fresh Bruise, Cut or Strain-or an old Spavin, Splint, Ringbone or Swelling-you can cure your horse with

Kendall's Spavin Cure

Thos. Castles, of Newark, N.J., bought a horse-lamed with a Jack Spavin—for \$100. He cured every sign of lameness with Kendall's Spavin Cure—won five races with the horse—then sold the animal to his former owner for \$1,000.00.

WHILINGTON, N.Z.,! Nov. 2nd, 'es. "I have found your Spavin Cure a very fine remedy for all sorts of lameness in houses and I am never without it." B. J. WISBEY.

Get Kendall's Spavin Cure—the remedy used by two nations for two generations. \$1. a bottle—6 for \$5. Our book—"Treatise On The Horse" -will save you many a dollar if carefully read and acted upon. Write today for a free copy.

DR. B. J. KENDALL CO., 27 ENGSBURG FALLS, - VERMONT, U.S.A.

doing no more work without extra care industrial population. Moreover, she or housing will last but from five to eight stands, at the beginning of the twenuse by good care for more than twice her resources in coal and iron, and the average life of the machine.

We will assume that a farmer starts in farming with \$1,000 invested in new machinery, and that if sheltered and well cared for, it will last ten years, moment when the Old East is awakenand if not sheltered, only five years, says Professor H. M. Bainer of the Colorado Agricultural College. If the implements stand out in the weather it will cost another \$1000 to replace them at the end of five years. The compound interest on this amount for five years at five per cent. amounts to \$276.28, or the total amount of money paid out for machinery with its interest amounts to \$1.276.28

A good tool shed large enough for all this machinery can be built for \$200. The compound interest on this amount for ten years at five per cent equals \$125.00, or the shed may be considered to good for ten years more use.

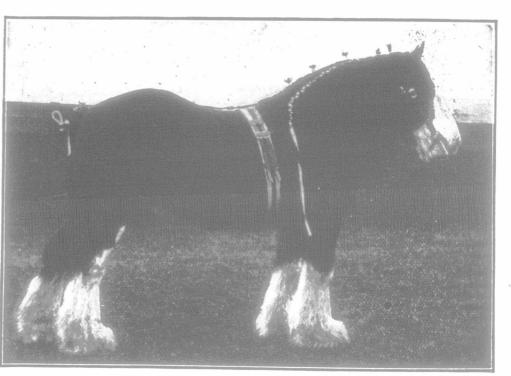
FEEDING DAIRY COWS.

Records show that many tieth century, where England stood a armers have kept their tools in constant few centuries earlier. England, with fronting on the Atlantic, was in an admirable position to reap the advantages due to the opening of the New World. British Columbia discovers herself fronting on the Pacific at the ing from the sleep of centuries to afford the greatest market and the most wonderful of commercial opportunities ever seen.

There is something in it. The development of British Columbia will make one of the most interesting of the stories told of the next twenty-five years.-Weekly Sun.

DEHORNING CALVES.

I have dehorned many calves and have had no failures as yet. My method has been as follows: Clip the hair from the top of the horn when the have cost \$325.60 at the end of the ten calf is from two to five days old; slightly years. After paying for the shed, it moisten the end of the stick of caustic leaves us at the end of the ten years a potash with water, or moisten the top balance of \$950.68 in favor of housing of the horn firmly with the potash for the machinery, and the shed is perhaps about a quarter of a minute or until a slight impression has been made on the center of the horn. The horns should be treated in this way from two to four times at intervals of five minutes. If, during the intervals of five minutes Experiments have shown that 60 after one or more applications, a little per cent. of all the feed a dairy cow can blood appears in the center of the horn,



ENGLISH SHIRE STALLION TATTON FRIAR.

capacity, only 10 per cent. of the ration potash. can be used for milk production. Libmarket value.

BRITISH COLUMBIA'S FUTURE

provinces. Ere long she will outclass the skin around the born and destroy

forest wealth, and the electrical possibilities in her mountain streams. Herein, it was said, are all the raw materials necessary for manufacturing development on an enormous scale. In her and cettle proceedings of the second of the second

eat is appropriated to sustain her body. it will then only be necessary to give If a cow is fed to 70 per cent. of her another very slight rubbing with the

can be used for milk production. Lib- The operation is best performed when eral feeding is necessary, but its profit- the calf is under five days old, and able extent depends on the individual should not be attempted after the ninth animal. Successful dairying depends day. Caustic potash can be obtained fully as much on the feeder as on the from any druggist in the form of a cow. A proportion of two-fifths con- white stick; when not in use it should centrates to three-fifths roughage is be kept in a stoppered glass bottle in a widely and successfully used. Of dry place, as it rapidly deteriorates course feed stuffs must be chosen to when exposed to the air. One man balance well and with an eye to their should hold the calf while an assistant uses the caustic. Roll a piece of tinfoil or brown paper around the end of the stick of potash, which is held by the fingers, so as not to injure the hand of "British Columbia will in a few the operator. Do not moisten the stick years be the greatest of the Canadian (a) much, or the caustic may stread to in importance all the other provinces the flesh. For the same reason keep the calf from getting wet for some days This was the substance of a state- after the operation Be careful to rub ment recently made to us by a close on the center of the horn, and not student of commercial affairs. In around the side of it. Caustic potash giving reasons for his belief this gen- is poisonous, and must therefore be tleman pointed to the natural resources kept in a safe place. Calves that I have of the Pacific Province-her coal, iron, treated are now from two to thirty

fisheries, fruit, wheat, and cattle pro- others thick, so that it takes a little ducing capabilities British Columbia experience to determine just when to also has within herself capacity to stop the application of the potash.—
provide the food needed for a great J. F. Brown, in Hoard's Dairyman

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AUGUST 21, 1907

HANDLING A VICIOUS BULL.

If a bull has once shown the least disposition to be vicious, he should never again be taken out of his stall without a ring in his nose and a staff of first class tough wood, with a strong safe, spring snap, or, better, a jointed connection with a turn-screw, as spring snaps are liable to get out of order Indeed, it is not absolutely safe to trust even a mild tempered bull that has never shown a tendency to be cross, as many cases have occurred where such an animal has suddenly and surprisingly turned vicious, owing to some unknown cause, and done his caretaker to death. A very vicious bull cannot be safely taken out, even with a staff, and the simply safe way to handle such is to blindfold him by securely fastening a sack or something of the kind on his head so that he cannot see either in front or sidewise." This device is equally effective in quieting an excited or nervous cow, heifer or steer that one wishes to lead. The writer recalls the case of a nervous heifer, shipped alone in a freight car, being so excited on arrival at her destination that it was impossible to untie her in the car, as she would jump at a person, and would have impaled him upon her horns. A horse blanket was thrown over her head, then a sack fastened over her eyes, and she was led out quietly and tied behind a wagon, where she followed as quietly as could be desired.

THE WORLD'S WHEAT YIELDS.

Following is Beerbohm's statement regarding the world's wheat production

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r the	y	re	2	lI	S	3	3	gi	V	re	1	1:		
Year.														Bushels.
1875.											٠			1,800,000,000
1878.								,						2,000,000,000
1884.			·											2,240,000,000
1887.														2,230,000,000
1890.	,													2,264,000,000
1893.														2,474,000,000
														3,496,000,000
														2,281,000,000
														2,940,000,000
1902.														3,195,000,000
														3,292,000,000
1904.														3,202,000,000
1905.														3,362,000,000
														3,500,000,000

In the 21 years from 1875 to 1897, there was an increased yield of 461,000,-100 bushels, a fraction less than 27 per cent., not far from the largest estimated natural increase in population.

But in the succeeding nine years-1898 to 1906, inclusive—the increase was 1,219,000,000 bushels, almost 54 per cent., more than four times the estimated increase of the world's population during the same time. lgures, as a whole show an increase in the world's production of 100 per cent. in 30 years, while the extreme estimate of the increase in population does not exceed 45 per cent., and the estimates that are probably nearest the truth place the increase at from 30 to 35 per

DOUKHS IN THE DOG DAYS.

A tone of despair in the report that the Doukhobors have decided not to settle down seems to imply that this offence is greater than if they had decided not to settle up. We are so accustomed to have people remain in one place that we have grown to imagine there is some special virtue attaching to it. This notion leads naturally to the view that the Doukhobors are guilty of some kind of offence in moving from place to place. It may be in accordance

You could make good money as a "CAPITAL" agent

of the best ones is a minister. They make good money, and they don't have

clean money because the CAPITAL happens to be the cream separator it isn't necessary to lie about. The plain truth sells it.

This spring we are expanding our field force—adding a few good men to our agency staff. Possibly we can fit you in, -if you are the right kind of a man. You needn't be a dairying expert; and you needn't put up a cent of money. You can do your other work and sell the CAPITAL besides, if that's the way you'd rather have it. It will add much to your year's earnings, even that way.

Or you can make a business of the CAPITAL, -agood business,—substantial, permanent, profitable, and on the square all through.

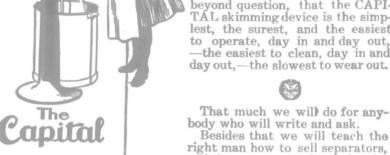


We will teach that man how to show to work too hard to make it. They make people why one separator is profitable and another less so, and why the CAPITAL will make more

money for the farmer most We will show him why the CAPITAL is the easiest separator there is to run, -the easiest to keep clean, — the one that PROVES itself, — the one with

a common-sense, low-down backsaving tank.
We will convince that man, so he can convince others, that the CAPITAL Separator gets ALL the butter-fat out of milk with

less effort and greater certainty. We will prove to that man, beyond question, that the CAPI-AL skimming device is the simplest, the surest, and the easiest to operate, day in and day out, -the easiest to clean, day in and day out,—the slowest to wear out.



and demonstrate to him why the CAPITAL Separator is the one to sell, - because it is the ONLY one any farmer can really afford to

We want ten good Suppose YOU write

Cream Separator

There are ten districts or so, right now, where a good man can start in and sell CAPITAL Separators to people who are ready to buy them just as soon as the machine is demonstrated to them. Each of those districts is for the right man, and he can have the field to himself. But he must be the RIGHT man, -truthful, honest, clean cut, with good common sense.

For that man there's just as much money, in reason, as he wants to earn under a liberal, square-deal arrangement. W will protect him in his field, supply him with the names of people ready to

The right man can learn all this quick; and he can learn, too, how we make the CAPITAL buy itself in a very few months' time. The selling terms are the easiest kind of terms. The guarantee back of every CAPITAL machine absolutely protects the customer and gives the agent a feeling of solid security that's worth having. It's a fair of solid security that's worth having. It's a fair, square, straightout chance, this, for the right kind of a man to make money and make friends for himself. The CAPITAL does that for every man who sells it, because it makes money for every man who buys it.

Think it all over,—remember you are not called on to invest a cent, -we will show you how and where to sell the CAPITAL, - protect you in your district,—and hand you over a paying business that will profit you well for as much or as little

time as you feel you can give it. Think it over, and-no matter where you livewrite to

The National Manufacturing Co., Limited 124 Mail and Empire Building, TORONTO, ONT

and wrong that we allow the rand was restored was wisely admonished to motion to convict the Doukhobors of Trunk to discourage locomotion by tell no man, but was not told to remain wrongdoing. But logic can never stand ignoring its obligation to maintain two- in one place. On the contrary, he was against tradition. from place to place.

But while locomotion is a crime, traditionally and intuitively, it is hard to condemn it by the strictest or severest application of the accepted canons it is clearly illogical to hold up our imanded his messengers to walk through with his own hands on Walden pond, said that if a man should go to the fartherest corner of the earth or the is no room for roving, we will not let the Doukhobors move about. In the city, where there is no room for roving, we will not let the Doukhobors move about. In the city, where there is no room for roving, we will not let the Doukhobors move about. In the city, where there is no room for roving, we will not let the Doukhobors move about. In the city, where there is no room for roving, we will not let the Doukhobors move about. In the city, where there is no room for roving, we will not let the Doukhobors move about. In the city, where there is no room for roving, we will not let the Doukhobors move about. In the city, where there is no room for roving, we will not let the Doukhobors move about. In the city, where there is no room for roving, we will not let is no room for roving, we will not let is no room for roving. The move about. In the city where there is no room for roving we will not let the Doukhobors move about. In the city, where there is no room for roving we will not let the land. And when the disciples were said that if a man should go to the fartherest corner of the earth or the is no room for roving. The move about. In the city where there is no room for roving we will not let the land. And when the disciples were said that if a man should go to the fartherest corner of the earth or the is no room for roving we will not let the land. And when the disciples were said that if a man should go to the fartherest corner of the earth or the instruction.

with this distorted conception of right of morality. The man whose eyesight traditional antagonism toward loco- Doukhobors with our institutions, pre was restored was wisely admonished to motion to convict the Doukhobors of senting to them the Mohammedan alternative of the Koran or the sword. cent rates. But that is another story. All our traditions are against moving. In England's early days when laws to have administration on their settling down. As they stand to have a similar admonition was given been always a similar admonition was given on their settling down. As they stand the first tradition.

They must accept our Koran of multiplied illogical traditions or go to jail. An Indian with a reserve can sleep on keep down wages were being scandal- to the nobleman of Capernaum. still and look as us they are comforted it at night when he is weary. We have ously evaded they were supplemented by laws preventing people from moving about in search of work. The crime of the hobieman of capethalin, by laws preventing people from moving about in search of work. The crime of the hobieman of capethalin, by vagrancy laws, trespass laws, railby vagrancy laws, trespass laws, railby vagrancy laws, and international laws. They areas, but if we should attempt to sleep on any of them we should find ourselves poverty, of which our laws take severe cognizance, is called "wagrancy," thus implying by the legal designation that the guilty are likely to be addicted to the greater or attendant sin of moving from place to place.

The crime of the days of his must hot cross the boundary or walk along the railway tracks, and-our trespass laws invite them to step off the pass laws invite them to step off the pass laws invite them to step off the earth. Thoreau, when pursued by a behind iron bars. Benches are removed for fear we may so much as sit comfortant. Thoreau, when pursued by a behind iron bars. The proving we will not cross the boundary or walk along the railway tracks, and our trespass laws invite them to step off the earth. Thoreau, when pursued by a behind iron bars. Benches are removed to the designation that the days of his will not cross the boundary or walk along the railway tracks, and our trespass laws invite them to step off the earth. Thoreau, when pursued by a behind iron bars. Benches are removed to the country of them we should find ourselves.

HARDY TREES FOR TREELESS COUNTRY

Grown and For Sale by

"CANADA'S GREATEST NURSERIES"



Thoroughly tested and recommended by

WESTERN EXPERIMENTAL STATIONS at BRANDON and INDIAN HEAD

as suitable varieties for

Manitoba, Alberta and Saskatchewan

Start now at best selling time BIG INDUCEMENTS, PAY WEEKLY, PERMANENT EMPLOYMENT. Specially designed Western Outfit free. For full information

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& WELLINGTON

FONTHILL NURSERIES Toronto, Ontario

Columbia River Fruit Lands, Kootenay, B. C.

Improved ranches and wild land sold direct to settlers. Locations made for settlers. Reports on land and general land surveying.

J. D. Anderson, Trail, British Columbia **British Columbia Government Surveyor**



-------Gives Vigorous Health

Without Medicine.

OXYDONOR constrains the body to cure itself according to its own laws, through its own means—

OXYDONOR effects this by causing the organism to be vitalized to the maxmum degree, through free absorption of oxygen from

OXYDONOR is neither a remedy nor electrical appliance. It belongs to Diaduction—the new science, the result of fifty years' investigation of the Laws and Principles of Life.

tion—the new science, the result of fifty years' investigation of the Laws and Principles of Life.

"My husband had a paralytic stroke. For four months doctors did all they could for him but nothing could help him. He could not move his legs but soon after applying OXYDONOR he could move his legs and toes. He had a clot on the brain and doctors said nothing could help him but an operation. The Oxydonor cured that.

My little boy had Eczema for over four years—his face, ears and hands covered with sores. We sent him to the hospital all last summer and he was sent home worse than ever and pronounced incurable. We then applied Oxydonor and now his flesh is quite clear, a wonder to everybody.

MRS. JOSEPH KEE,

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Write for free books, giving grateful testimonials from a few of those who have been cured. Beware of fraudulent imitations. There is but one geauine Oxydonor—and that bears the name of the inventor—Dr. H. SANCHE—prigrayed on the metal.

-and that bears the name of the inventor
-DR. H. SANCHE—engraved on the metal.

Look for it.

Dr. H. Sanche & Co. 358 St. Catherine St. West, MONTREAL. 16 61 Fifth Ave. Detroit, Mich.

No. 62541

BANK

BOOK

Mr. John Horn of Regina, announces that he has got ready for sale his spring importation of Clydesdale fillies, many of which are ready to go on and do heavy work.

The sale of purebred and grade Hackneys at Rawlinson's ranch. Calgary, last month, was a most gratifying success. Horses sold from \$40 up to over \$1,000 and the total receipts of the sale totalled up near \$70,000. Buyers were present from considerable distances, but the heaviest buyers were from the province. Reid and Baxter of Olds, Alta., took the largest single, but having some 40 head at the end of their buying, Jas. Mitchell, formerly of Winnipeg, but now at Vancouver, took a few to the coast. Will Moodie, Bryce Wright, John A. Turner, and other horse fanciers, picked some good ones from the stud before it was disbanded.

MACLEOD FAIR.

Macleod Agricultural Fair came off on July 31st, Aug. 1st and 2nd. In some respects it was not up to its usual standard of excellence, for like all other fairs, the exhibits showed the effect of the backward season and of the late severe winter. Live stock made a rather small showing. In horses the competition in some classes was keen; in others the entry was small. In cattle the chief exhibitors were J. G. Vosburg, Leavings, and J. Homer, Macleod, in Shorthorns, E. Whiffle in Herefords, and H. Watson in grades. Swine were shown by Vosburg and Homer. Sheep were not exhibited. Agricultural products, grain, vegetables, etc., made a creditable display. There was also a good exhibit of poultry. Horse racing formed the major attrac-

A FABLE.

The hen remarked to the muley cow, As she cackled her daily lay (That is, the hen cackled), "It's funny

I'm good for an egg a day. I'm a fool to do it, for what do I get? My food and my lodging. My! But the poodle gets that—he's the household pet-

And he never has laid a single egg yet— No even when eggs are high.

The muley cow remarked to the hen, As she masticated her cud (That is, the cow did), "Well, what

You quit, and your name is mud. I'm good for eight gallons of milk each

And I'm given my stable and grub; But the parrot gets that much, anyway-

But the hired man remarked to the pair 'You get all that's comin' to you. The poodle does tricks, an' the parrot kin swear,

Which is more thin you kin do. You're necessary, but what's the use O' bewailin' your daily part? You're bourgeois workin's your only

You can't do nothin' but jest produce What them fellers does is Art!' Cleveland Leader.

"That's all right, Sis," answered Tommy. "I could see that you were only playing telephone. He was ringing hand behind you-but he had his lips entirely too close to the receiver

Make More Money!

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You can't add to your income while you carry about that outfit Bodily strength and vigor is the principal stock of about 19



The most profitable investment you can make is to increase this capital stock, and you can do this if you will use electricity as we apply it, a few hours every night for a while, and build up your nerve power.

Electricity is nerve power. That fact was proved years ago means abundant strength and energy

"Look here," said a man in my office last week, "your Belt is better than any medicine chest. It's better than having a doctor right in the house all the time. My wife uses the Belt in the afternoon and I use it in the evening. We wouldn't part with it." Yesterday a man wrote in: "I suffered for 10 years and your Blectric Belt cured me. My father was on a sick bed when we got the Belt, and the doctors had given him up. He used the Belt.

In four days he was up and walked seven squares. He is now running two hotels and manages both himself." "That's coming pretty strong," you say. Call at my ofice and we will show this evidence, and more, too—all going to prove that our statements about the Dr. McLaughlin Electric Belt are conser-

vative, compared with the actual facts. Don't stick in that old rut. Help Nature along by the intelligent use of this wonderful force, Electricity, and you can overcome your bodily weakness, your pains and aches, double your strength and vigor, double your income and add to your balance in the

bank. Below we give you specimens of the kind of letters we get every day by the score from people who have used this grand remely.

"Before I commenced wearing your Belt I couldn't take a drink of cold water, it would distress me so, but now I can eat and drink anything that is set before me. There is no ache or pain of any kind about me. I haven't felt so well for I years, and I claim it all from using your Belt."—M. McKENZIE. Corniss Que. "I am well satisfied with your Belt. I feel well and can work without being fatigued and done out like I used to be."

JOSEPH C. CARTER, Lenderboro, Ont.

If you are sception, all I ask is reasonable security for the price of the Belt, and

WHEN YOU ARE CURED PAY ME

The Dr. McLaugittin Electric Belt cures Indigestion, Constipation, Weakness of the Liver and Ridneys, Rheumatism, Neuralgia, Lumbago, Sciation; overcomes the officets of exhaustive habitsevery sign of weakness in men or women. It puts new the and Energy into the Nervous System.

Ginger up! Use this Belt and become a Man!

Call at may office or sand me this coupen and I will mail you my 34-page FFEE'S BOOK. It points the way to Had the and Prosperity.

Dr. M. D. McLaughlin

112 Yonge St., Toronto, Can. Please send me your book, free Address

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For books valued over \$3 it may be reckoned that one new subscriber will count as 75 cents cash. All prices are postpaid.

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egina, anno mees or sale his apring lale fillies, many go on and do

red and grade n's ranch. ('almost granning rom \$40 up to otal receipts of near \$70,000. om considerable est buyers were eid and Baxter largest single. d at the end of chell, formerly at Vancouver, Will Moodie

picked some before it was

Turner, and

IR. Fair came off 2nd. In some like all other 1 the effect of d of the late ock made a In horses the ses was keen; s were J. G. Homer, J. Homer, E. Whiffle in n in grades. Vosburg and t exhibited. n, vegetables, play. There

"It's funny

of poultry.

najor attrac-

le egg yet-

Well, what

produce

been drawn off press the curd into an underground root house. It should

tested by the following process: roll-

squeak it will indicate its condition for

A good method of home cheese-mak- cloth and put back into the moulds and ing is as follows: Take a quantity of repressed for about ten hours. The fresh morning's milk, say 100 pounds; pressure required is about 100 pounds ing between the finger and thumb or room. biting between the teeth, if it causes a

fine wire mesh. After the whey has may be found in a cold, damp cellar or west of Toronto. require from two to four months to cure the cheese, but some prefer to eat it before it becomes cured, and with the gouda it will be found of a palatable nature a few weeks after making, if not kept in too cold a place.

For a cheese vat a wash boiler may be used; a toast rack can take the place of a curd knife; a peck measure with nail will answer for mould, and a 4x4 stuck of bricks will make a fairly good cheese

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FARMER'S ADVOCATE OF WINNIPEG Limited, Winnipeg, Man.

PREPARING FOR VICTORIA FARM CHEESE MAKING. from the moulds, covered with cheese

EXHIBITION. add enough rennet to coagulate in for a cheese about eighteen inches in Provincial exhibition is held in Victoria, set, cut into pieces with a cheese knife diameter. This, however, is not impor- is exerting every effort to make the or similar instrument, the size of peas; tant. After the cheese has been pressed annual exhibition this year the grandest raise the temperature slowly to 100 degrees Fahrenheit, requiring about twenty minutes to raise this temperature that the cheese has been pressed and best that has ever been held in British Columbia. The exhibition opens on September 24th and remains raised \$300, In addition to this the twenty minutes to raise this temperature. The whey will separate quickly

The brine should be a complete saturaopen on September 24th and remains open until the 28th, giving four clear open until the 28th, givin from the curd and will be noticed by the watery green presence. When the curd is sufficiently cooked which may be sufficiently cooked which may be is sufficiently cooked, which may be it may be taken out and put in a curing be taxed to their utmost. Seeing the be sent forward. Exhibits from as far be taxed to their utmost. Seeing the be sent forward. In the pullular process, roll-To cure cheese properly but two space the association during the past state of Washington are keenly interested

moulds and put moulds under a con- not freeze nor be exposed to a tempera- large increase over last season and when be held for which prizes amounting to tinual pressure for about one hour. By ture above 70 degrees. It is a very good it is considered that the exhibition last \$5,000 will be devoted. this time the curd will have taken on a plan to coat the cheese with paraffin year proved a grand success, there is cheese shape, when it may be removed after they have been taken out of the every reason to suppose that this year's brine and dried. This may be done by effort will eclipse all past attempts. submerging in paraffin heated to a smok- The committee of management has ing heat. The paraffin will fill all the secured material assistance from the the sincere constituent. meshes and close the cheese, protecting Canadian Pacific Railway, which has "No," answered the no less sincere from mould or insect injury. It will all points on their lines West of Calgary. I couldn't catch the Speaker's eye."

On freight full rates will be collected, but on the presentaion of a voucher from the secretary the goods will be The British Columbia Agricultural returned free of charge, making it virtu-Association under whose auspices the ally half rates. A feature of the exhibition will be the district exhibits. Already applications have been received from three districts and it is understood that at least four others will enter. The fidently expected that the buildings will large number of cattle and horses will necessity of securing more available East as Toronto will be on hand. In addition to this the breeders of the things are necessary, and these are: A year purchased an additional 63 acres and will send over several head to comdone by straining through a cloth of low temperature and a moist air. This and it now has the finest fair grounds pete, while British Columbia owners will not be behind. For attractions the committee has arranged many special In every department there will be a features. Four days horse racing will

> "Do you feel that you have done all you could for your country?" inquired

it from loss of butter-fat or water, also kindly granted half fare rates from statesman, "but it wasn't my fault if

SHEEP FOR SALE

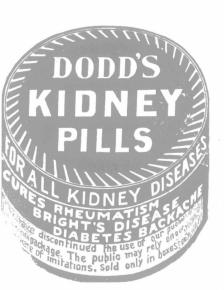
We are offering for sale for October delivery

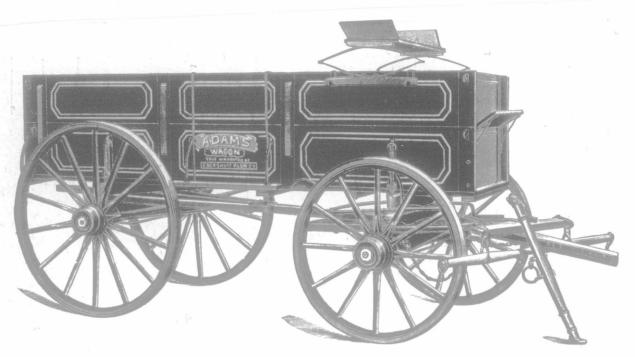
500 Cross-bred Lincoln-Merino & Oxford Down-Merino Yearling Ewes

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Would sell in car-load lots to suit purchasers. We have also for sale a holes in the sides and a wood follower number of Lincoln, Oxford Down, and Cross-bred Oxford Down-Rambouillet Merino Rams. Prices according to quality.

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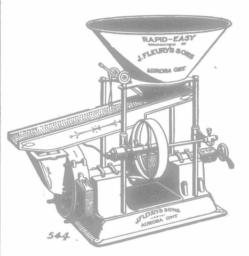
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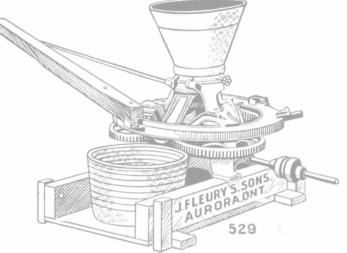
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A strong and very durable power, suitable for

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