

AL that a housewife wishes her range to be is summed up in the Pandora. Here is a $A^{\text {range of perfect performance, complete with every modern improvement, handsome to }}$ look at, a source of pride and comfort to its owner-the aristocrat of rangedom.

## 10 Points You'll Appreciate

1. Roasts, bread, cakes, puddings, etc., cooked in a Pandora Range retain their natural flavor and always come fresh
and sweet to the table. REASON: The perfectly ventilated Pandora oven.
2. The Pandora's aid in coping with an unusually big dinner is invatuable on occasion. REASON: Yeu can cook to the full capacity of i
things at the same time.
3. The grates in a Pandora Range are stronger and more curtomarye. REASON: We make thensin than riangucustomary in other makes. Also they consist or three triangu-
lar bars with short teeth, specially adapted for breaking clink(r). Each bar may be shaken independently when desired. 7. Your cooking is done with more certainty when you own a Pandora. REASON: Theres a relabie overlable, and (nall) es you to know instead of having to guess.
4. IIore cooking can be done with less fuel. REASON: The ire-box of the Pandora is scientifically planned for coalfire with little fuel. fire with little fuel.
5. Your oven is always clean, bright, sanitary and rust built of nickelled steel.
6. You broil or toast things better on a Pandora Range with less trouble. REASON: The capacious broiler door per號
7. You'll be delighted with the reservoir in the Pandora less (stamped from one piece of steel) and clean enough to use in cooking and preserving.
8. There is no heat wastage in the Pandora Range R. REASON: The flue arrangement is such that in order to escape to the chimney all heat is forced to pass over the top of the oven, down behind it and twice underneath
9. We guarantee the Pandora Range unreservedly, and There's nothing dealers to do the same. REASON stand behind to the fullest extent, because we put into it the best materials and workmanship procurable at any price

There's a McClary dealer near you who will be very glad to demonstrate for you.
Write our nearest branch for free illustrated booklet on the Pandora Range
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GILSON " SAVE MONEY--TIME--POWER--LABOR in filling your silo GILSON PAPEC ENSILAGE CUTTERS AND GILSON ENGINES are the favorites of the shrewd, conservative buyer, whose motto isines "Stere
First." He recongizes that Gilson " Goes Like Sixty
Cutters rent First." He recognizes that Gilson "Goes Like Sixty" Engines and Ensilage
Cutters represent the final best in engine and ensilage cutter construction The Gilson Papec Ensilage Cutter with a Gilson Engine is the most sensetional
combination in silio fillers that has ever been placed on the market for he individal farmer, syndicate or jobber WE GUARANEE ANY GILSON ENGividal
Ho-P. OR MORE, TO THROW AND BLOW ENSIAGE PERPENDIC, ULARLY WITH, A GLLSON PAPEG ENSILAGE CUTTER TO TMI WHEEL DOES NOT FALLBELOW 600 R. P. M. Furthermore WE GUAR ANTEE EVERY GILSON PAPEG ENSILIGEE CUTTER TO CUTARD POWER THAN ANY OTHER BLOWER CUTTER.
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us a card to-day. If you already have an engine, tell us the size, and we will GLLON MAG. CO. L D.
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Synopsis of Canadian North-West Land Regulations




All Low "First-Cost" Records Broken
The new 1916 Maxwell shatters all low "first-cost" records for a real automobile. Think of it-a full 5-passenger car-an absolutely complete car, with electric starter, clectric lights, hightension magneto, and every refinement-a luxurious car-a heautiful car-a powerful $5(0$-mile-an-hour car,-yet a light-weight
real economy car-for $\$ 0.5$ real economy car-for $\$ 925$.
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The "first cost" of an automobile is a big consideration to any sane man, but the after cost" is an even bigger consideration to any man who wants to , cmain sane in his antomobile investment.

The "after cost" or upkeep is what a car conts you to maintain, run, and enjoy, after you have horg to, and it is mighty hard to enjoy an automohile if it costs you too much to run.

The Maxwell has lowered all ceonomy records for:

$$
\begin{aligned}
& \text { 1st-Miles per set of tires } \\
& \text { 2nd-Miles per gallon of gasolime. } \\
& \text { 3rd_-Miles per quart of habricating oil } \\
& \text { 111_- Lowe-t yar-in-and-yar-ont repair bills. }
\end{aligned}
$$

1916 Maxwell High-Priced-Car Features, all included for $\$ 925$
 "I rite for the I916 Maxwell Catalowe, and name of the Maxwell Dealer MAXWELL MOTOR COMPANY OF CANADA, Limited, WINDSOR, ONTARIO


Service and Parts Stations at Winnipeg and Windsor
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EDITORIAL.

The Farmer's Advocate and home magazine.

the leadina agriculturat.



\section*{Jown weld, Manager. <br> Agents tor "The Farmer's Advocate | Winipeg, Man. |
| :---: |}

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 THE FARMER'S ADVOCATR if sent it oubecribere until

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## Two Requests

We desire, in order to complete the old files of the first season of publication of "The Farmer's Advocate" to secure if possible from our readers
any copies in their possession of the first issue or later ones, during the latter part of the year we will par complete copies of issues in that year bers $\$ 1.00$ each. All must reach this office not later than Sept. 25 .
We are anxious also to secure the names and post office addresses of the heads of families the first or second year of publication, and particularly of those where it has been taken coninually from that time.

What is being done by our cheese producers to build up a market for Canadian Cheddar cheese after the war? At present the surplus goes to the soldiers, and the peopls in Britain are eating cheese made at home. Where will our market be
after the war if something is not done?

Just how much agricuture is dependent upon the weather is brought home in a season when
grain grows in the stook iust as much as when grain grows in the stook just as much as when
everything dries up. The weather must always be reckoned with.

The Germans are now just ons week ove remembered that Europe's War Lord promised to

There are times when all weather signs appea
to fail. Solomon was alout right when he ob
served that farmers who spend their time watch

## Rain

The weather will be foul for forty days.
Probably no subject is so commonly talked about and so little really understood as the greatest factor affecting farm-cropping operations. Fothing causes so much fruitless complaining as he weather. Incidentally, dry periods help in weed killing, and compel us to study how to conserve moisture. Repeated flooding of the fields drives some people to draining who are not amenable to other reasons. Most of us rely on the phases of the moon to bring a change for the toetter in the weather, and if a new moon does not break the wet spell then the case is hopeless, but meteorologists agree that the idea of the moon exerting a controling infuence on the weather, aspecialy at an is the new moon for instance the weather scientist regards it as areincidence. We need not lok o astronomy for the science of the weather If men could control it confusion would be worse confounded, for every individual or neighborhood would want a different brand. Meteors and the amect the supplies of heat received by the earth and this in turn influences air currents and evaporation, which with the proxlmity of great oodies of water have to do with rainfall. If we may not forecast the weather by the moon's hanges nits appearance will a.iord a clue because that depend ane state of "pale the clouds. Rings about the moon and a bees remaining in their hives pror to rain, and others discern its corning when cats rub their dars, due to the air being highly charged with ario the abnormally wet period during July and arly August recalled the old English Swithin's Day (July 15) legend of 40 day's rain, and set many people thinking as to the physical reasons for such heavy and persistent
lownpours.
Our most trustworthy forecasts a the daily "Probs" "orked out on international observations by the meteorological offices, but being prepared for such extensive areas these can ot hit it exactly for every place.
Simply defined, rain is the water
Simply defined, rain is the waur apor of the atmosphere condensed into drops large enough to which the air will hold de amount of water vapo ture. The moisture tends to condense about dust particles in the atmosphere, which radiate their heat rapidly. Clouds, thus formed, are said to ang further coalesce into drops as rain. The amount of cooling requisite to produce rain de pends on the quantity of moisture present in the air. The amount of cooiing and the initial tematce also govern the intensity of rainfall. corresponding wet, unsettled spell. Once the land becomes thoroughly saturated heat evapor tes the moisture, and if not carried away by trong, persistent wind rain is produced as the point where precipitation begins. Once it starts raining it is very easy to continue-just like slid ing down hill. In the deluged area rofered these were just the conditions reported prevailyng with moderate winds continually alternatinc from southwest to east and northeast, and them hack he same way. Meamwhile the sun kept on pump larly spilled water into the air which just as reguand benefitting others, most of all the aftermath and pastures. Normally. it is said there is enough vapor in the air to cover the whole earth with water four inches deep, and an inch of rainhillon cuhic feet of water. We may growl at the erratio weat her and the excess of rain which,
as it usually comes, is a most indispensinlo causing the rivers to flow and the crops to grow 11 the why and wherefore of it we may not com we hear its sweep, but whe whence listeth and we hear its sweep, but the whence and the
whither of it who can tell? So with the rain.
but there are also certainties, and one of these is that the man with the leaiy roof and undrained son why

The Art of Keeping Young, ditor The Farmer recalls for the probable self-congratulation of the present day boy, the boyhood chores of the past; the peculiar jobs, as he calls them, of old time
importancz; the once indispensable dutizs that have now disappeared with the days that had need of the least intend to enumerate exhaustively in bygone boyhood bugbears, but yet, he might have ncluded in the category that he gave that which early life said that De Musset had, by dying in pories ""the task of growing old" For contamthe tas: "par excellence" of the passing generation, from the great-grandfather down to the the human being was korn and existed almost for the sole purpose of growing old; and that the sooner one did it, that is the sooner the child father, and man, and the man matured into the riarch, the sooner and more worthily would one's destiny be accomplished, and the greater the matter both here and hereafter. It did not of childhood's merry delights, or that the youth, in snatching the fulsome flowers of a more forward period ere those of his own had scarcely potentiality of his most expansive years; or that men and women in prematuncly apprehending the mostly but the accentuation of their own deficiencics. It did not matter that the whole course and animalism. Nothing mattered but the speedy accomplishment of the pre-eminent and universal No one will deny, and I gladly recornize that Mr. McArthur does not, that modern boys work as hard as did boys of the past but they work
with more of promise and remuneration. The boy of to tay has becomo so valuable an asset of the future that we can no longer afford to
squander his time, ambition and vitality on the interminable and non-paying chores that we did of yore. We now think it cheaper to buy gates cattle, to tear out an occasional hill of corn with nead of every waking moment of a too fast passing period of impressionable facility and dirigible enthusiasm to learn the antithesis of the task of Man, a word spoken 'lin jest strikes home and solemnity wregnancy of earnest truthfulness all men of s xty and over Osler passed sentence orl the world, not because they constits went around but becausa they gave expression to a longold could no longer rule or teach or exortate. In othor words-that the day of patriarcial leaderNot por lose loved and revered Not that the aged arp less loved and revered the guides of importance that they once were; allowed themselves to stay far behind the present day trend of thought and sentiment. Weir years and position but we resont bitterly and resist stubbornly their efforts to draw us in we adventurously desire to strike out in our own way. We know the worth of their opinion and judgment but we flout it constantly for the Not that ad aculiar value, but that it is no longer representative and arrective. Absove all it is no longer the objective For the World has at last realized that in the young it has the promise of the future fulimment
of all that the old have failed to accomplish, and for that reason the World, with all that it conto the young. The Church is in trew so busy in the interests of youth that the old sinner uids fair of a chance of dying in his own chosen way. The agricultural officialdom, of the Dominion is like-
wise so taken with Wise so taken up with the proper education and
training of the farm boy that the old farmer bids fair of a chance to till his fields in his own unproductive fashion. Between day, Sunday,
and vacation schools, between long, and short, and intermediary courses your boy has so little time to spare that if you still need some one an And the morat it world has transferred its allegiance, as it has supplantnovel art of keeping young so must we, if we

is impossilue to say much on this pint. There
has been much said about the decline in numbers, Lut nobody has precise information, as complete figures have not been while millions of acres of ly ascertained is that while mivans
land went out of arable cultivation from 1880 land went aut much of it was allowed to tumble down to grass, the horses on agricultural hold-

- ings, which alone have a proper census, have been more extended use of, under these circumstances, machinery in har vesting and other operations, which has necessitated the employ decreesed that which remains in crop cultivation needs for its working a larger number of horses. It is also due to the extension of horse-breeding as an industry. The introduction of motors has, of
course led to a large decrease of horses in towns in recent years.
It is unquestionable that the demands of the war have already largely reduced the number
horses in this country, as well as on the continent and elsewhere abroad. in England it will not lee possible to state until the Agricultural Statistics have been published There has been some decrease in progress fo
 cent. in the number of unbroken horse, one-year old and upwards, while agricultural horses have
declined from 393,000 to 356,000 . It is to be feared that these figures are
In view of the great demand that will spring up for horses of all classes, it is to be hoped that
breeders will do their utmost to meet the requirements by extending their operations. The curtailnent of shows and other aids may ment of value which has already taken place, and which wil ecome greater, should serve us an inducemen tions. it . is specially satisfactory to hear tha stallion owners consider that the travelling season has been a very good one, a circumstance which shows that an errort is being made to mainaity and good numbers fin the breeding classes at th shows that have been held allord further prool this determination, which is thoroughly justifed industry. There is, in fact, every prospect that at the close of the war the demand for horses
will be on an exceptionally extensive scale, and that their on an exceptionally extensive scalle,
substantially increase,


## Fall Colts

Many farmers are considering the advisabint breeding some of their mares this fall. This on large farms where the brood mares do most of the work. - On farms where from tour to six brood mares are kept, if a pair are bred to foal in the fall, there is always a team fit for heavy work. On smaller farms where only two foals
are annually raised, it is perhaps better to have oth foal at the same season so that the foals re at work mer at steady work under a careful driver is much more likely to produce a strong, lively foal than one that has spent the winter in compara-
tive idleness. There is much miore danger of ive idleness. There is much more danger of
abortion from accidental causes in the case of he mare that foals in the spring. Plungting through deep snow and slipping on ice often re-
sult disastrously pregnanc

Annual Meeting of Dominion Percheron Association.
During the Calgary fair the annual meeting of the Percheron Horse Breeders' Association was astic, animated by the inroads that the Percheron breed has already made and by the apparent prospects of the horse industry, caused by the European war and the lack of confidence in tractor power.

The officers selected were as follows: President, Geo. Lane, Pekisko, Alta.; Vice-president, A.
E , A .
avenort,
Acme, Alta.;
Secretary,
F.
R. Pike, Pelisko, Alta. Directors: W. B. Thorn, A Mevine, Calgary Allan Reid, Forrest, Ma W. Thompson, Milestone, Man.; C. D. Rowerts

## LIVE STOCK.

Digestive Diseases of the Ox V .
Choking is probably more of an accident than diseasp, but it is a pathological condition of the digestive organs, hence we may be allowed $t \mathrm{c}$ class it in this series. It consists in blocking, or pecking of the oesophagus or gullet with some foreign body. Symptoms similar to those of injuries to the oesophagus from sharp bodies swallowed and also from disease of the pneumogastric nerve. Impaction of foreign bodies frequently occur in the ox, but not so frequently now that most feeders pulp the roots instead of freding then whole as used to be done. Choking is usually caused by the lodgment in some part sther root argus of a portion of a turnip or


Shropshire Nicely Covered
oy impaction of other food too greedily swallowed. When stricture of the oesophagus from any cause exsts, choking is quite common, the bolus of food through the constricted tube, on the other pass where dilitation of a portion of the tube hand, choking is also common as the tolus whe exists swallowed, lodges in the dilated portion. This is followed ty the lodgment of other boluses until the part becomes filled, when the symptoms of condition of the oesophagus exists, and reasonable care the taken to properly prepare solid foods thowing is of rare occurrence. The foreign bady that causes the trouble may be lodged in the
pharymx (the cavity just behind the root of the tonguc) or in the cervical portion of the gullpet
that portion of it that is containod in the that fortion of it that is contained in the neck)
or in the thoracic portion (that portion that
prasses throuvh the tharacio ( symprous. The symptoms are readily
 profusi thow of saliva from the mouth. Ahere is a
and rumite
rumation are suspended, but ineflectual

iterfered with. If in the cervical region an enmanipulation on the lower margin sight or by in the channel. This may be large or meck hard or soft, movable or immovable, according to the nature and bulk of the material and the condition of the oesophagus. If in the thoracie seen nor felt. If fluid be given it appears to peither orm stomach, but it simply fills the passage up from the obstruction and is then returned up regurgitation. Bloating is usually soon noticed, except in cases in which, on account of the shape is not filled and liquid or gaseous matters can

TREATMENT must be directed to the removal of the obstruction, either by the mouth or by
causing it to pass downwards to If bloating be excessive it should the reliomech. puncturing as in case of ordinary tympanites Then if posisible the seat of the obstruction should be located. If in the pharynx it can
usually be removed by hand. The patient's usually be removed by hand. The patient's mouth speculum, a clevice or other device of a assistant hold the animal and the operator passes his hand down to the pharynx, grasp the object and remove it. If in the cervical region the lation. If it can be worked a little either downwards or upwards the exercise of a little patience it be grain either whole or choppedghed up. If straw too greedily swallowed, the mass may be the stomach. If relief cannond will pass down to or the ohe efforts should bel made to force it cervical region purpose an instrument called "a probang'" Fhould be used. The too common practice of using a
foris handle, broom handle, whip, harness trace, etc., cannot be too highly condemned, as the irregular in shape and that of the instrumants mentioned elther round or oval the latter is very liable to pass to one side of the former, and thought that the object has been case it is often stomach, but the pationt neither eat nor drink and in a few hours the
neck and throat commence to swell by reason of neck and throat commence to swell by reason of gases and that the animal may swallow filling up
the areolar tissue and the patient will die in a few hours longer. A probang is usually
nade of about 5 or 6 feet of spiral wire covered with leather or gum elastic and having attached to the end a metal or horn disk of a cup shape, passing along side of it it practically instead of encircles it and when force is applied it is exerted
upon the obstruction upon the obstruction in the desired way. Many
probangs have stillets of whalebone or cane to stiffen them. Where a probang is not procurable a piece of gardon hose answers the purposefairly well, the hollow in the hose acting as the cup-
shaped disk does in the shaped disk does in the probang. The hose can
be strengthened by using a whip handle or other material for a stillet, being sure to not pass it quite to the end of the hose. In order to pass
the probang a wooden gag with a hole through the mouth open. The gar extends a a few hold out of each side of the mouth and has a few inches
oup attached to go over the animal's poll and buckse behind the horns. The probang should be oild.
$\Lambda_{n}$ assistant on each side of the animal catches the pag in one hand and the horn in the other and holds the head in such a position as to make the mouth and the oesophagus as nearly in passes the probang through the operator then and gently backwards until it in the gag oesophagus and with steady pressure applies suffi-
cient stringth to force it downwards cases the obstruction is so firmly implanted that case, if in the cervical repion this way, in which oesophagotomy may be performed. This conslists
in cutting through the skin and removing through the skin and oesophanus, and oesophagus with carbolized silk or cat gut, then stitching the wound in the skin, feeding on the wound ordy for 10 to 14 days and giving veterinarian ordinary attention. None but, attempt the operation. When the obstruction is in the cervical region and cannot be forced down all that can be done is to
leave the animal alone. If necessary to prevent bloating leave the canula in the stomach and
a wait developments. In many cases the animal gets rolief in several hours, the obstruction
evidently becoming practically cooked and passes
to the star if care be not takien, the animal should not be week or food liable to cause the trouble for a
to allows after the occurrence in order to allow time for the inflamed and dilated oeso
phagus to regain its normal condition.
 ophagus．If in and the con
ope obstruction can be horai
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If necessary to prevent In many cases the animal

 normal condition．

AUGUST 19， 1915
What Shall we Pay for Feeders？ The time of year is almost at hand when niany of our farmers begin their annual hunt for feed－ ing cattle．winter feeding know that each the businany years past there has been difficulty in securing cattle of suitable quality to fill the stalls．The difficulty seems to be increasing
The proportion of dairy－bred cattle yol Eastern Canada has been＇increasing very owned in．Many of these dairy－bred males are
rapidiy．Many marketed as veals，and in many cases it is a pity that more of them are not marketed early indifferent feeders and produce a poor quality of beef．While the development of the dairy in－
dustry has undoubtedly been in the best interests of agriculture，it has certainly lowered the qual－ ity and decreased the number of our feeding cat－
tle．Another feature that has had great influence tle．Another feature that has had great influence
in reducing the supply of feeding cattle is the high in reducing the supply of feeding cattle is the high
price that has prevailed during the past year or price tor tight－wiight butchers＇cattle．Cattle of
two for 1 Cot
from 800 pounds to 1,100
pounds from 800 pounds to 1,100 pounds have sold
almost on $a$ par with heavy exporters，conse－ quently many light cattle have been marketed
Added to this has been the demand from acros． the border for young stock．The resuit is that in Eastern and hard to buy this fall．As Asoon prices for feeding cattle may be expected to ad－ pricese，and the buyer will be up against the old
vance question，＂what price may we safely pay for our
feeding cattre？＂It is not our intention to try to answer that question．No one can foretell be next spring．There are those who，on account of the scarcity of cattle this fall predict that prices are certain features which always operate
There are and which wiil operate particularly strongly this year to keep the price of beef or any other
article from becoming abnormally high．It should so high that many hundred hutcher shops i British cites have been forced $\sim$ to close．The Should the war continue until next spring many who are now buying meat It looks as though the great mass of people are now paying about
all that they can afford for their beet，and while


Use Nothing but Pure Bred Sires． Cne of the great mistakes that is being made to pure－breds．Invariably this is caused by mis conception of the value of line－bred individuals which are a potent factor in building up the
herd．Too many are of the opinion that an in－ dividual of a good type，no matter if it is when mated with their breeding herds．By using ap the herd，whereas the red will in sixeas the concinued use of a pure practically pure． ontinuous use of pure－bred sires is shown in the

Sires Dams Offsprin

## Generations

##  <br> 

Hypothecically the ofispring from the sixth
generation will have retained on the average 1.15 ．

 The hreektr must be reminded that to produce




THE FARMER＇S ADVOCATE

Cod Liver Oil for Flies on Sores． The Queensland Agricultural Journal contains tacks of flies on live stock
preventive thost of them were and not by being toxic or poisonous，but pests being caustic proved injurious to the skin．The
claim is
is made found to have a toxic effect on the flies was cases of horses that a light smearing on those parts most subject to attack would relieve the animal in a few moments，a light touch of the
oil being sufficient to kill the flies and without any caustic action in the skin subsequentiy．This seems to be a rather excessive claime to make on behalf of the oil，though it is conceivable that
some of the coarser brands of oljectionable and flavor might be repellant to the insects However，it is an application easily tried，and would not be harmful nor very costly．It is
stated further－and this does not seem unreason－ stated iurther－and this does not seem unreason－
able－that it is decidedly valuable as a sooth－ ing and healing emolient for wounds or sores liable to be infested with flies in hot weather，be
ing more lasting than some ther olls ny more lasting than some other oils．It his
easily obtainable and certainly has simplicity in its favor．If any readers of＂The Farmer \＄Ad Vocate have had experience in using cod－liver
oil for such purposes or should cive it a trial we
would be glad to learn the results．

## We are Lagging

## The same conditions which prompted＂＇The Farmers Avocate＂to plead for more live stock

on our farms half a century ago are to be seen not fail to repeat itself，and to do so in an un－ mistakable form．Ever as new lands are being
cieared and broken，as the vast expanse prairis is being brought into subjugation，and as an acre land is so an acre and upward present time． this particular，and in the m
partment of farm economics．
live in sowing the white blossom

the furry animals are being pushed farther into bor who was saving some for seed and told the wilds of the north，the lands thus laid bare him to keep him four bushels for next spring＇s
hy the setuer＇s axe and plow call out more em－seeding． hatically each year for saner methods of farm－ ing．The virgln soil will produce crops for
years，but the time comes at last when the de－ pleted land in exhaustion refuses to still further
yield a profitable harvest for nothing in return， in a profitable harvest for nothing in return． is a tendency on the part of many farmers who occupy lands that have been ti led for years to
revert to the methods of the settler who has easonable excuses for his actions．Selling farmm
coposs directly is an unpardonatle offence in long－
settled districts and the guity crops directy is an unparalonatle otlence in long－
settled districts，and the guilty one will reap his
reward sooner or ater in diminisised yields reward sooner or later in diminished yields．
Looking oniy to the present，one may argue that
products of the fields may be sold to advantage in the sack or in the bale，but as a general thing the man who will seil hay and grain will
not turn down crops of clover to replace the mined out plant－food constituents of the land
Thirty years ago ．The Farmer＇s Advocate＂， made these editorial remarks：＂In Ontario we rely entirely too much upon grain tarmung，where－
as we ought，by this time，to have learned the must plow less and handle more stock，or find must plow less and handie more stock，or find
our crops gradualy but certainly decreasing．The
work of our fathers consisted largely in clearing work of our fathers consisted largely in，clearing
and tiling the land，while ours must，in part
the teast，consist in resting and enriching the
over－taxed soils．＂Modern methods of crop rota－ Over－taxed soins．arvest cultivation have，to ${ }^{\text {a }}$ ，
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certain extent，replaced the practice of＂resting

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they are doing for
they they are doing for
hey are men ${ }^{\text {h }}$ are engage in
a airy farming and
and dairy farming and
lnow a good thing now a good thin

when they see it． $\xrightarrow[\substack{\text { As } \\ \text { lover，sweet } \\ \text { a clove } \\ \text { ast }}]{\text { pasture }}$ tands at the head A dairyman who coronto had been omplimented | been |
| :---: |
| on | est and cho the avored milks． on being asked by neightor what he ows，heo，the ship－ er or the good him to a field of

sweet clover where is herd of dairy catcte was pastur－
ing．There，he said，
is the secret．As it was tariner No． 2
more stock and still more stock and returning to rom it becomes more and more apparent．The new acres that are being aidded to Ontario＇s arable land require manure even from the first；
the plant food is there but it requires a liberator such as barayard manure．The old and long tilled fields can be rejuvenated in the same man－ her，and when far sers universally awaken to the fact that grain selling is robbery and that
manure is the life of their farms they will realize that the admonitions of 30 and even，
50 years ago have still more significance at the

Some will think that this country is well
cked，but in this they are wrong Ing the immense number of acres under cultiva－ tion the number of live stock per acre and per capita is inexcusably small．We are lagging in
this particular，and in the most important de：

## FARM．

## A Believer in Sweet Clover

He The Farmer＇s docate ：－ in＂The Farmer＇s Advocate＂of July 29，headed （uack Grass and Sweet Clover，＂I thought tha was inme for the true value of sweet clover to be stated and I hope others who are using it for pasture and winter feed will step forward and of cryng an article down until one make

## ure of its true value．

 PigPigs are very fond of it in，its tender／state nurse crop and the hogs are turned in when it season the fice height，which will be in a good surprising gains．part of July，they will make As a pasture plant it is quite unlike alfalfa fo sweet clover can be pastured right up until cold weather as it will not hurt the crown for the
ollowing spring．Sweet clover to get the best
results for on it early in the spring so they can get
accustomed to ${ }^{\text {git before it gets too }}$ coarse and when they once have taken a liking for it，they $\frac{\text { As a }}{}$ a hay crop＇it equals any of the other it should be handled correctly．As for pasture， quite should be sown in the spring with a nurse crop
twenty pounds to the acre dute thicky，twenty pounds to the acre
L．eing none too much．The first cutting will con off the following year about the middle of June ond last of the month according to the season get too coarse and rank ．By no meanis let plenty old enough．Then if cut with the it is par up a fair height so as to leave two or mower
oints of the stem in the stubhle you oints of the stem in the stubble you may expect．
another crop of equal height by the first to the middle of August．Or，after taking the frst the it can be pastured from then untith fall．Trop
ends all，for the second fall it dies branch and ends all．for the second fall it dies ball．That That
ront，whether it is cut or pastured reld，in my mind at present which had sweet
field have a
clover seed on last year．


和

## 和



The stubble was ploughed down and sown with oats last spring and to-day not a single plant
has come up to show its flower. But the farmer reseeded the field and he will have a nice lot of
pasture from it this fall after removing the oats, pasture then it will be ready for pasture or hay next season as he sees fit
If one sees in the spring he is going to be short of hay for the coming year by seeding down a field with sweet clover twenty pounds to the
acre without a nurse crop, in a good season and the land in fair heart he could reasonably expect from a ton to a ton and a half of nay to the
acre that fall and leave the field nicely seeded for pasture or hay for the coming year.

As a fertilizer and a land cleaner swet one of the best, quite equal to buckwheat as a smothering crop. It will make a stand right among twitch roots and although. it will not kill
them out in one year it will weaken those large running roots so they can be more easily killed when ploughed, or reseeding will soon put the best of all clovers, for it sends its roots down deep into the ground and then dies the second
year. Thus it opens up the soil deenly hesides enriching the land with its decaying roots so, when sown with grain the following year it will
give to the grass that healthy, dark green look give to the grass that healthy, dark green look
which always makes the farmer smile. which always makes the farmer smile.
or soil It boon to the man with the farm yard of manure. It is salvation to the dairyman. So, my advice is not to let it sow plenty of it . If there is doubt in your mind sow a little for a trial and I am firmuly convinced that arter harvesting the first crop you will so
it by the bushel instead of by the pound NOTE.- We wotld advise all our correspondents on sweet clover to read carefully articles we have published from time to time on our experience
with the crop at Weldwood. We found it made good pasture or soiling crop and very good hay
although difficult to cure. The crop is not to kill as many suppose from experience with the plant in permanent pastures or old meadows where it seeds year after year. All that is
necessary is to keep it cut to prevent seeding and it will die of itself the second year As described in an article on page 1096, 1 ssuue of July 8 we killed ours permanently at Weldwood by cutting too close so that we only got one
crop this year instead of two as we should have crop this year instead of two as we should have
done. Our correspondent's advice to try it on a small scalle is good. Sow it thick and cur
early.
We would
not advise anyone to it on a large scale at first. Try it and if you some report difficulty in getting cattle and other Some report dificulty in getting cattle and othe
stock to eat it. We had no trouble.-Editor.

## Alfalfa Experience.

## Editor "The Farmer's Advocate": In your issue of $J u l y$ 1 I noticed an ar acle by

 Henry Glendinning re making alfalfa hay, and aswe have been growing allalfa for some years with
with very good sauistaction we have come to about
the same conclusion as Mr. Glendimning, the ted-
der is a necessity to make altolt der is a necessity to make allatian hay. I cannot
see any practical side to the plan with the stickss
It mimight be all ribht for the nav, but I thins there wouid be more work to get and fix the
sticks than to cure the hay the othar way or four times $I$ might say that we have or four tumes I might say that we have hever
cut more than three times, and that was a faver-
able season. The first year we often only cut it
 orchard grass and alfalfa mixed. We like the
oftermath for pasture. We have changed our belief in seeding down
vith alfalfa to leave it hold, blat find that to use it as a sool-builder by
plopghing it down every t wo or three years that of course, ploughing it up is not an, deasy job, or worse, ploughing it up is not an, seasy job,
 and
hould, in most cases, he let for two seasons, as
gains for several sears as the root gets gains for several years as the root gets
Mnger Anyway if leit two sars it is a good
nstment for the soil improvenuent alone. We

Co-operation The Cure.
At the Conference for Rural Leadership held Economics at the College gave a very interesting address on "Organization for Marketing Farm Products." The burden of his discourse hinged around the fact that the rural probem dole to put
finance and that something should be done to pur a stop to that great wastage of money which is
now taking place between the farmer and the consumer. Also something must be done to stay the mad rush from the country to the city, and to
make the country a place for investmint equally as good as any city. Mr. Le Drew believes that the remedy for all these ills is co-operation which
will afford an outlet for that class of farm boy will affiord an outlet for that class of farm boy
who does not take kindly to farm work but rather requires a wider sphere in which to operate, and one that would bring him face to
face with financiers, business men captains of face with financiers, business men coptains of
industry exploiters of capital, etc.
Co-operation industry, exploiters of caprital, etc. Co-operation when thoroughly complete, would mean that there would be no distinction between the city and the
country, for as the speaker put it the city would country, for, as the speaker put it, the city would
spread itself over the country or the country spread itself over the country or the country
would spread itself over the city. It matters not which way the statement is made. Rural isolation would be no more. There would be no more talk of lack of recreation in the country, and the
absence of opportunity in rural districts would be an unheard-of complaint. Besides all this the city problems of congestion, lawlessness and immorality which arise through the tenement and
associated systems would pass away The address associated systems would pass away. The address
stirred up much discussion and tit was the reneral concensus of opinion that co-operation would
mean much to the producer and consumer. alike.

Some Tree and Plant Diseases. A disease of the sugar maple shade-tree up-
peared this year at Sussex., N.B., and so far
as I know, has never been reported from Canas I know, has never been reported from Can-
ada before. It is a twichlight quite similar to the fire-blight of pear trees and to the twigblight of apple trees. This disease is caused by
parasitic bacteria which infect the twie from the


Cholderton Tibbie. terninal bud back six to twelve or fourter
inches. Whether this trouble would
cien sull trees is difficult to say, but it causis an unsightThe remedy is the siane. as for pear-llight, A nother phan diseasé of a serious nature in
parts of New Brunswlek is what is calleal ..llace ront, of stravberry. it is so serious in some parts of the Proxince that it has put out of busi-
ness several strawberry growers.
 Mlants may be athacked ewe whent in hegins, and
because they can be successfully grown as late and good price, both on the Montreal and the Boston Durham Co., Ont. J. B. danuero

## THE DAIRY.

## Buttermilk

The third dairy by-product we shall consider is known as buttermilk, which is the material remaining after cream has been churned, or what
is left or removed when the fat of the cher been concentrated into what is commero has known as butter, Buttermilk more resembles skimmilk in composition than it does
any other dairy product. It has about any other dairy product. It has about 90 per made up of fat nitrogenous matter sulid material, ash. It varies a great deal in its composition, sometimes containing as much as one-half to one ne per eot The usull ane-quarter of as a food is the lactic acid which it containg some most extravacant claims have ber for the use of sour milk as a means for prolong. ing life. It is reported that a people in Southern largely in their for their longevity, use sour mills some statements attributed to a well-snow French scientist, there have arisen a number of wondrous products which are claimed to have the human system Afing healing properties for for over-statement of the facts, due to the en-1 thusiasm of certain persons, who incidently expected to reap a fortune from the too easily humbugged public, there is undoubtedly a wide and largely than is the case at present in aismo nature to heal the injuries of reckless mandind with reference to their health. The mild lactio condition digestion of the human system, aids in the ellimination of wande
material, and also material, and aste
tends to dissolve tends to dissolve
limy deposits in the arteries and
elsewhere, which elsewhere, which cause impaired cir-
culation of the culation of the
blood and that
general "stifiness" general "stifiness"
which comes with
advancing y ears. The young human The young human
is, as farmers say, limber as a cat,"
put he soon be. comes bent in pos-
ure and unis-takably and painfully non-pliable in We read recently
o a noted Ir is h
nedical man, who s known locally as s,", scrides who preemedy for many especially which afliict his patients, and
en those who are afflicted with what espectary for those who are afficted with whe
doctors call alcoholic disease. He claims to be able to cure the worst case of alcoholism by a
liberal use of buttermilk to take the place of the stimulants, whisky and beer. More Buttermilk and less beer would be a decided advantage
to most of the so-called civilized nations. We are to most of the so-called civilized nations. We are the ravages of strong drink among the working classes, but little permanent good will be accomplished until a satisfactory substitute is found. Deprived of whisky and beer the human
animal, in many cases, is like the lower animals. deprived of food and water-they become crazed. It would seemi as if buttermilk is the substitute
mankind is looking for. Instead of feeding this mankInd is looking for. Instead of feeding this
to pigs, or wasting it, as is the case at some to pigs, or wasting it, as is the case at some
creampries, someone will in future undertake to buy this drink in wholesome quantities and have
it sold in hotelc it sold in hotels, restaurants, etc., as is the
custom to-day with other forms of beverages. We understand that many of the bars in New York
City and elspwhere list buttermilk among their drinks and that thousands of glasses are sold daily, more especially during hot weather. This
custom has an advantage in that a man does not take strong drink, does not care for
filling his stomach with soda-waters of doubtul origin, and yet desires to be sociable can uskfor
a glass of healthful buttermilk. Man is a social animal and it is useless to try to break up vell-established social customs without a satiss
factory substitute. If, however, these social customs can be utilized for the good, instead of

i beli
believe in spraying the whole tree right from should be diluted with eight gallons of wat
he root up. It does not pay to be stingy with before being applied. spraying material at ant. As 1 have said, 1 have sprayed this year about 25 acrese of frutt, prac-
tically
cowering all kill kinds.
1


 terial on the grapes as I drid on the others. 1 It
might instance the rect currants. We have about
 It spraved them very thoroughy, the the year thengthe and about the same cume as sprayed
 a buik were harvested at
With my apraying
 so I decited that while other people were picking

 started picking my red currants, and never got
iese thap 10 cents tor a single quart, and I never
and had a a bistered currant. Also, of all the cherries
grown int were sprayed were worth buying at alll There
were some men who did not spray theli. cheried were some den who did not spray thif cherries picced they yerewnoteorning arter they were just beore the thdy swell, and then spray with
a seocond spraying just atter the small cherry


 $\underset{\text { money. }}{\text { mos. }}$

 of good apples is worth 50 centss therreteresh
 apples is 30 cent on on the present marktat on an

 15 cents into one busher ot pood anpole outs at
cents you are making 35 cens.
If you have cents you aro makino 35 conts. If you have


 proftan on your orchard, but that is is is over and Soove what you would get if you did not spray
 you will strevpthen the tree and stimulate it to produee a better crop another year, and you will
also help your neifhboras by gettinn.


Controlling $\begin{aligned} & \text { Plant Lice in Apple } \\ & \text { Orchards. }\end{aligned}$ Orchards.


No. 3.-Fish oil soap 12 to 20 pounds; water
100 gals. It is recommended that whero this mixture is used a test shoold be mado to deter mine the amount of soap to use, as this soad Experiments conducteri at this station prove tiat trom to to 9 goter cent. of then lice are killed by spraying with a suitable mixture when
the buds arey showind preen but still compact. the buds are showing grean but still compact
Liberal
quantitios of
matoraial under the Liberal quantities of imaterial under the high
presenure are necessary in order to obtain thess


## POULTRY.

## Fitting Birds for Exhibition

## founded on the wise selection of individuals worth

 to be exhibited. There are so many defects an disqualifications in each particular breed that th exhibitor must be, to a certain extent, a ' fancier in the particular strain of fowls he may be hand ling. There is "fitting" and faking but between drawn. There is a common maxim which says "faking is faking only when it is found out.' This statement, although not morally true has considerable truth as applied to showing at a pordry exhibition. Illegitimata methods of fitting a practice illegitimate? There is no doubt as to the ethics of performing surgical operations to remedy certain defects of the head parts, removing important feathers and plugging holes left bythe removal of the same, dying or staining the the removal of the same, dying or staining the plumage and lezs and using chemicals to such a
degree that the plumage has been materially degree that the plumage has been materially atered in color. However, there are some prac tices which are looked upon rather leniently, such
as removing a few unimportant defective feathers and the removal of fine down and stubs from the legs and feet of birds of clean-legred varipties When birds which bear the greatest promise ar selected they should be given considerable range where they can enjoy either sun or shade at will, set it should be remembered with white plumage there is a lendency to go brassy when exposed to oo much sunlight. The feeding should be liberal and if new plumage is being grown such feeds as Clean, sanitary, natural conditions accompaniied by plenty of nourishing feed are the fundomantiod rrinciples of growing and developing exhibition
tock.

When the time counes to prepare the birds for
the exxibition cooos the exhibitor must then show
considerable skiil in cleaning the head parts, legs
and plumage
nd plumage yet, if the legs of the bird are in-
clined to be scaly they should be washed and oiled Weens previous to the time of entering the show. Washed with castile soap and warm water and crubbed with a tooth-brush or wail-brush. After a thorough washing any remaining particles of
dirt beneath the scales can be taken sinall stick or scales can be taken out with a
tooden then thick. The legs should then be well dried and rubbed with
cotton-sed cotton-sed oil or swe oill The oil should be
rubbed in until none is heft on the oustide to
collect dust. Birds of white plumare wils washing. This operation requires will reatire time, patience and energy. There is ansiderable
washing which every would-be in Washing which every would-be exhibitor should
acquire before the time comes for final fitting. It


## FARM BULLETIN

A Bag Yield of Whea The Census and Statistics Ollice issued Auyyet yield of fall wheat, of hay and climate on tho
alfalfa, based upon appearances at the end and of as estimated by correspondents, and a repor field crops at the samp The preliminary estimate of the average yied
per acre of fall wheat in Canada for 1915 in
28.10 bushels, as comed 28.10 bushels, as compared with 21.41 bubhbe
last vear and with 21.78 bushels, the avverege of
the five years 1910 to 1914. The harvested ort of fall wheat in the five provinces of ontarie Manitoba, Sas satchewan, Alberta. and Antario,
columbia amounts in 1915 to $1,208,700$ Aritidid compared with 973,300 acres in in 1914, arres, 4 cotar estimated yield to $33,957,800$ bubhele
compared with $20,837,000$ bushels in 1914 , ncrease in total yield of 63 per cent. In are ield the fall wherage yield per acre and in toteal
vpected to be the the 1915 is thereore expected to be the largest on record. In ontery
the total estimated yield is $27,080,000$ onterio rom 972,000 acres, an averave of 27.86 hushhl
and ger acre and ${ }^{\text {in }}$ Alberta the other large thil
wheat province, the total yilld is $6,225,000$ ushers from 215,700 acres, an average of 28,8 lover in 1915 is $10,589,800$ tons from $7,775,000$ acres, ais compared with $9,206,000$ tons from
$7,997,000$ acres in 1914, the average yliot pope
 in Alit. Alfalfa shows a total yield of 158,756 ons irom 92,665 acres, as compared with 129,7 ge0
tons from 90.385 acres in 1914; the average sleve 171 ton as comper with 1.44 ton Sring-sown grain crops continue to show an bove 90 per cent. of the standard representing a ull crop. Beans, buck wheat and flax are 88 pr
 Corn 82, mangolds 89, hay and clover 81, aulafifi 87, sugar beets 89 and pasture 89. Converted
into $a$ standard wherein 100 represents the ake yield per acre of the spven years 1908 to at any 31, 1915, is as follows : Fall wheat 120, spring wheat 112, all wheat 113, rye and berles vields per acre of these crops, accoroing to to their the averance on July 31 , are expected to be abore the extent of 20 per cent. for fall wheat, 12 per cent. for spring wheat, 13 per cent. for all wheat 11 per cont. for rye and harley, 8 per cent. for

## Welcome Each Rebuff.



## BULLETIN.

## 3 Yield of Wheat

 heat, of 'hay and clover ond be
on appearances at the end of July orrespondents, and an appormy
other field crops at the the ry estimate of the average yietd
wheat in Canada for 1115

 doomed tol litelong grinding toil. But they
not typical urbanitss: they to not city abroad: they are mere cogs in the vast machine, contributing their share in a dumb
mechanical way, and enduring the constant frowns
of human nature. The typical urbanite, and too of human nature. The typical urbanite, and too
often the one who possesses too large a, power in creating and enforcing public opinion, as one who
che removed from the normal life of mankind, and
who views it from afar, like the soul speaking in Tennyson's "Palace of A
If life consisteth not in the abundance of things
which a man possesseth, but $\overline{\text { rather in a clear }}$ which a man possesseth, but rather in a clear who stands close to nature has much to be be
thansful for. "Pressing the button"' may not alvays suffice to bring the thing diesired, but he
will gain strength of body, mind and soul from wis participation in the age-long human struggle, and will be glad to say, with
Each sting that bids nor sit nor stand but go! Be our joys three parts pain!
Strive and hold cheap the strain
Learn, nor account the pang; dare, never grudge
'the throe." 'the throe."
Brant Co., Ont
w. C. GOOD,

## Woman Suffrage

hae been gettin' intae a wee bit 'o trouble lately an' gin ye cane to be bothered wi' it I'll
juist be teilin' ye $a^{\prime}$ aboot it. A mon canna' jusist be teilin' ye a' aboot it. A mon canna'
help lookin' for sympathy frae his fellow-men when his wimmen folk gae back on him, an' that's the condeetion I've got intae the noo. The auld intae the hoose lately "Duty of Women to use the Ballot" an' sic like subjects, an' she's gone clean daft on the 'new ay
an' $a^{\prime}$ ' that sort or no sonsense. 'Will you why ye think that a wumman hasna, as "juidst richt tae vote an' take part in political affairs the subject ower muckle 1 , 'I haena' keen givin the subject ower muckle attention, but I hae juist
been takin' it for granted that a wumman's plaqs is in her hame attendin' tae the household wark an the bairns an sic like things. An' the mon's
place is tae get the means o' livelihood for his
fanily an' tae see aboot the appointin' o' this aw-makers o' the country an ' the government o'
hings in general." "An' what," says the auld ady, "is the government what," says the auld
you men hae elected it?" "To look aifter when interests o' the people o' the country", says I,
'tae see that justice is done that law-breakers are punished an' that the children are educated, are." "Weel, will you tell me why," she replies,
'the women o' this net the geral welthe makin' o' these laws. Are they no' affected ny them as weel as the men? Hae the women no
nt he battle warld are tae be educated an' fitted for
$\mathrm{o}^{\prime}$ life? Wha should ken as weal
lital
 e, best fitted tae finish the trainin' o' their lads acted by oor parliaments, so why shouldn't we
ae a say in the makin' ${ }^{\text {' }}$ them? air we help tae pay the expenses connected wi'
nnin' the country an' I'd like tae ken why we
houldna' hae some ' never ony question as tae whether or no shere's
he taxped. She allways is. So I say that ine
年 iairness ye should gie representation where ye
impose taxation." "Weel noo" says I, "ye talk
aboot rapresentation Weot mon is supposed tae represent the wummanat. He
votes for himsel' an' her at the sanie time. It
is suposed mater n. politics as weel as religion an' ither things,
(tpat when he goes tae the polls he gins
ipression tae his wife's will as weel as his ain."."An tae his wife's will as weel as his
wife, "Sin he wad that wark out" sas man had twa or three sisters an'
mither-1n-law. an' mand des his wife? "They wad a hae tae twa be- renre-
ented by his sincle vote. An' at the same time
he bachelor on the single female on the next farm, wi maybe no' a
vote the warld can kill the
Inte that was tae renresent a' these individuals. this an' ither civilized countries the majority
supposed tae rule, but it isn't aiways the says I I "Dae ve think ye wad tae as wee question"
gin ye had ye woetit
wi' the men one an' went oot tae the polls

THE FARMER'S ADVOCATE.
they say aboot familiarity breedin' contempt." says she, "By the time we'd closed up a fe
saloons an' pit a coupie $\mathrm{o}^{\prime}$ dozen grafters an us than they hae the noo. It's mair respect for ment that has ony effect on the majority o' the same men , hae for the opposite sex isna' appar-
ently daein' ower muckle tae reform them. Grie ently daein' ower muckle tae reform them. Gie
us the vote an' we'll mak' them better men by a great scrament. Aboot a' they do is tae mak office an' when they are there they'll gee that
they get their salary regularly they get their salary regularly, but as tae the
interests o' the country ' I'm thinkin' they'd bo better served by the women. They're natural hoose cleaners an' they wad come in fine juist
noo in, some o' oor parliaments, an' they hae mair interest in sic things as education an' public morality an' a' the things that are in line wi'
the interests $o^{\prime}$ the hanue. Ye wouldna recogniz this auld warld in twenty years gin the women
had control o' the government." "Noo, there's anither thing,"' says I, "ssinc ye canna be convinced by onything else I'll hae
tae mention it. How can ye hae time for votin' an' political meetings an' a' that sort o' thing gin ye gie yer hame and
attention that they need?
it "Weal noo" says she, "hoo lang div ye think couple o' times in the year, or maybe not that, An be talkin' aboot things $\mathrm{o}^{\prime}$ some accoont, such as the passing o' laws for the benefit o, the
nation an' the raisin' $\mathrm{o}^{\prime}$ the moral standard for nation an the raisin' o the moral standard for
men an' the mental standard for women an' such
like like things, than tae be gossipin' aboot their neebors affairs an' interestin' themselves 'in a' the
trivlalitieg an' doings $\mathrm{o}^{\prime}$ the past week. It doesna' tak' ony mair time tae ke useful an " "But the warst 0 " it is,", says $I$, as soon as vote, ye'llapped fortin' beath, "that gin we let you police or something like that."
voters in the country want a a majority
them they must hae their way. Gin it represent wark weel they can vote them oot again." "essa her hae the last word as usual, "ye can hae the
vote, gin ye are sae determined, but when the women get a't the pac detivilegmines o' but when the men they
should be willin' tae tak' the responsibilities as weel. It's no mair than fair that ye should be made tae join the army an' fight for yer country
an' tak', chances like the rest $\mathrm{o}^{\prime}$ us. Ye will hae tae tak' thances like the resto us. Ye will hae
that." the smooth, dinna' forget "We can dae it," says she, "IJut gin we dinna,
shoulder a rifle an" start in killin' off oor fellow men and women, we will dae better. We oan
patch up the poor chaps that are being wounded ilka day in this awfu' war, an' , gin that's no'
mair important work than tryin' tae kill them dinna' ken onything aboot it. But it's aye been that way since time began. Man smashes doon
an' destroys an' woman has tae build again, an' the soman has tae build it a' up
use the ae gie us the richt tae ase the ballot the sooner we will mak' this auld
airth a decent place tae live on. There willna'
be sae muckle fightin' on it onyway when the mithers hae a say as to whether thoyir sons will
be shot doon tae helo setthe quarrel or no. Ye may believe me or no, but tae use her influence in the country by speachin' an by votin' they will he takin' a short cut tae
a better condeetion o' society. An' they canna'
dae it too soon, for fit loo's as thoueh things micht be improved by a change ony time." "Weel" says $I$ ", "tae show, ye that men are as favorable tae a condeetion o' peace as the women,
I'm gacin' tae lot ye hae yer way ahoot this maither an' say na mair. It wad he a prety
onvway tae mak' ye talk sae muckle an' then point oot yer mistak's. Sae, gin ye're satisfiod
wi' yer nosertion on this quistion its nn, for the
likes o' me tae disturb ye. For if ye will permit
me me tae say it I am unco, pleased tae see ye
satisisied for once.", An, wi' that I went ont toe
dae the choros. an' at the same time makin' up
ma mind that T wad he hetter nestod on the
subiect brore I lot the auld lady draw me intae

## SANDY FRASER.


under the Order of May 9,1915 .
Eo. F. O'halloran,
Deputy Minister of Agriculture.

AilHome Modernly Equipped Comparisons are drawn between the con-
eniences in town and rural dwellings which are aniences in town and rural dwellings which are at present undoubtedly in favor of the former
This has ever been and will continue to te so for some time until farmers realize that modern in fentions have made it possible to equip the farm home quite as conveniently as that of the urbanite and relieve the women folk of much daily but unnecessary labor. The word unnecessary is used advisedly but not in its full misaning. Ther is always the element of expense to be considered and perhaps in some cases it precludes the instal dation of modern equipment that will lighten the prossering on his land is in quite as good position to light and heat his dwelling in an up-to-date manner and provide conventiences as the average city dweller working for a modost stipend The emplloyee of the stores, shops, factories o any industry whatsoever puts a large percentage of his income into the home where he is to, or
should, spend much of his "off hours." Too often in the country the dwelling is looked upou a secondary in impora it tionate amount of consideration. A brief descrip tion of the machinery which W. H. Lobb of Huron County has installed to make life more pleasant may throw some light on the matter of coneniences in rural homes and infiuence many to of their families.
In the first place the house, barn, hog pen
and dairy are lighted by electricity. This would oot appear at all phenominal if the farm were lectric or in the suburbs of a town, but such is not the case. Located lin a typically rural section everything about the place is independent of town
or municipal developments and presents a striking example of how the owner of a country home can provide himself with all the advantages accruing to those who live in circumscribed areas
without the disadvantagos of the latter. A maall 0-lainp electric plant illuminates the buildings
nd provides power for other work but we shall irst learn more about the lighting system. The plant is located only a fow yards from
he house and so far as the mechanism for flumilinating is concerned consists of a three-horsepower gasoline engine, a dynamo and storage cells. Three lamps may ke turned on and burned for a batteries but when a fourth lamp is switched on the engine at once starts automatically and coninues to run as long as required. The engine can thus be regulated from any building and
exhibits almost human intelligence in the recogi-
ton of what is required of it. There are lamps throughout the house and 20 more in the ttached as another household convenience. A four-unit milking machine is operated by the 45 minutes with the man can milk 20 cows in 45 minutes with the assistanco of a small girl.
Froni a shaft in the power house a rip saw, Fron1 a shaft in the power house a rip saw,
emery wheel and churn are propelled while
another pulley is being attached for a washer. In another pulley is being attached for a washer. pumped both for the house and barn, and
hrough the winter so head of cattle are usually stabled. As yet the water is not forced into the house but Mr. Lobb now proposes installing
tank in the dwelling, building a soptic tank side and fitting the home with all modern conThe power house itself was erected for the
purpose. It is a modest building 16 by 32 feat, divided into three parts. In one end is the room
or the engine and electrical apparatus, in the entre is the dairy, containing the churn, butter orker and a tank whie the remainder is given
ver to the pump. water-supply tank, nillk aeraand the washer will be operated hore as well. The initial cost of the power and electrical
apparatus was $\$ 750.00$ exclusive of wiring trp of gasoline per week at a cost of 18 cents per of gasoline per week at a cost of 18 cents per
gallon bringing the expense for fuel to approxi-
mately $\$ 28.00$ annually. Country life will be all the more enjoyable when an "iron" can be heated, a churn kept in
motion and a washing machinc made to do its motion and a washing machine made to do its
vork by the timed explosions of gasoline and that wonderful unseen dynamic force-electricity. the barn to grind the grain and fill the silos.
Fiftemn acres are this year under corn. There is a large orchard on the place which, in favorable years, produces four carloads of apples, sal!s for
which are made in the West, but the chief income is from corvs and hogs. From 20 to 25 cows are milked each year. The milk is taken
to the cheese factory in the summer and made to the cheese factory in the summer and made
into butter during the winter months. On an
average 75 hogs are sold annually and bring in
a handsome revenue in exchange for the whey an grain they consum
Many appliances about tho house and building of this farm in Huron County could be copied to and in the adoption of the household conveniences and wn would
thoy
women folk

The Banking Situation By Petar McArthur.
Does anyone know just what is happening in banking circles just now? Under the cloud of the war Canadian financiers are doing things that in happier times would have been discussed friely. But facts are hard to get at in this hot weather At the present writing there is a story that a Montreal bank is going to swallow an Ontario bank and that later on a bigger bank is going to swallow the bank that is doing the swallowing. And some day there may be only one l,ank in Canada. That would look $1 \mathrm{lk} e$ a money trust, wouldn't it? What do you think of it? If the facts can be secured they will furnish the substance of a future article.

The Outlook in Huron and Lambton Counties. Western Ontario has been deluged with rain and during the first twelve days of the month of
August as much as six inches of precipitation was recorded. In some districts probably more fell while others were treated more leniently by nature month of August and 37 years ago 7.1 inches month of August and 37 years ago 7.1 inches
inches fell in the same month. In the northern
part of Middlesex County and in Huron this conpart of Middlesex County and in Huron this con-
dition of the weather is responsible for considerable damage. there were many acres of oats yet to cut and in some isolated cases yet some hay to draw, yet it Goderich to Sarnia on the shore of Lake Huron and for many miles inland many acres of grain
were yet standing. In field after field one could see the hinder at one corner of the unfinished socket with grain on the table and everything in dicating that the harvester had beaten a hasty retreat with his team. The weathor has been
capricious indeed. Often the sun would com? out with such promise that uneasy farmers would hitch up the team and resume work only to be driven from the ficlds again when less than an hour's cutting had heen executed. Some what
still stood fin the shock but it was badly colored

## from the weat

badly colored all ha

## Toronto, Montreal, Buffalo, and Other Leading Markets.

## Toronto



In Huron County particularly grain has gone
down badly and in many cuses only the mower
will do etlecti. down badly and in many cus es ont and appear
will do etllective wora. The height on or
ance of the corn crop too gave evience that it required a somewhat diderent treatment and a little warmer atmosyhere if it were going to
result satis,actorily. The second cut of alfalia was in bloom and ready to be harvested, but
what was the use of cutting it? Tne damp What was the use of cutting it? The damp weather has been just exactly what bean growers
do not want. The spores which cause anthracnose, the most destructive pest affecting the crop
 cause a poor sample. Onion growers too
complained of difficulties with their crop. One Fruit Growers' Association in the vicinity of Goderich has a membership of about 20 . This
year they are only planning on 100 barrels to the grower, making in all about 2,000 barrels year. This proportion of a crop seems to apply all, along the northern part of the Laike Huron shore, but in many cases the output will be even of very high percentage of a normal crop of apples. Along the Lake Shore some orchards are
weil laden with fruit but this is not general and we.l laden with fruit but this is not general and considerably less than an average crop will be
harvested. Farther in at Arkona the conditions are not so good as on the front and probably less than half an average crop will come out of
that district. Excessive moisture has had a very injurious been good berries and although the crop would not 'stand up" during
bit shipment. Raspberries were seen on the Sarnia market in a very critical condition after coming
only 20 miles by train and those transported by auto-truck showed deterioration yet not so far
advanced as did those handled. according to slower methods. There will be some plums and pears
throughout the fruit districts on Lake Huron and peaches alfng the shore in Lambton County. The had an exceptionally the Sarnia district have not had an exceptionally protable season. In former or more per bag for early potatoes but 75 cents locality for the 1915 crop. Many price in that last week and sometimes in such wet soil that
they could not be dug until several dry days had Throughout the northern part of the County of Lambton the writer could not see that grain rain as had that in Huron. County. Although harn or stack yet the shocks were standing bettr beaten down. Corn too lookerl to he a little more forward. However, in one field water was
standine between the drills as it would in a reshlv-flooded, irrigated patch res eircumstances surrounding the grain The circumatances surrounding the prain
horvest are rather denroscino vet dairy farmers
all have a onod tnle to tell reararding their milk
ing they too have made satisfactory gaina after-growth which will y.eld seed, another crand of hay or, perhaps, pasturage. The friter crop
fields of second-growth clover being plowed and it looked like good farming indeed to soe the and
thus replenished with humas and plant food. thus replenis.

## Be Optimistic

Western Ontario has suffered from altogether too much rain and the papers have boen tolling the people of the ruin of all the crops. An expert here and another there have been interviewed and the headlines next day make it appear that blue ruin stares the farmer in the face. A drive through the country and a visit to the larms reveals a somewhat diferent state of aliairs, True the damage has been great and we would nevertheless the minimize it in the least but neverth-fossing basis, has more than one string to his tow and when one crop is damaged another is saved. Grass, beef and milk have been crops which have done well in the excessive moiture, A great deal of the wheat was har vested before the continued deluge came. That which remained out will still be good. feed, and thosp who have tried it know what good feed wheat is when mixed with other grain. Most of the hay went in in fair condition. Those who delayed haying got caught. The barley was ripe when the storms came and stood up, although much of it got too ripe before cutting and all got badly discolored before harvesting. But then it is made into pork and beef and not into beer and the stock do not object to its color. The oat crop was hard hit. weather caused it to get too ripe before beling cut and shelling was prevalent. Cutting took longer and was hard on man, machinery and
horses but even so it is remarr a ale how well tho crop was pic'ed up by caref 1 in frmers, The
greater part of it was saved. Corn has grome.
beter han better than one would expect under the circum-
stances. Roots are doing well. The scond crop of hay will be a bumper. Are we downheartod? Worse. Thet us be optimistic! Thinos are not
nearly so bad as some experts would have us

First Wheat Sold.
The first load of Ontario fall whoat to be
marketed from this year's crov on Toronto market was sold lest whe wheat was grown in was sold last week. The wheat was grown in
scarhorr Township and wac harvested prior to
the hio rains. It weighed 62 lls. to the bushel


lamb,
low,
washe
inge,
$\underset{\substack{\text { wash } \\ \text { wash } \\ \text { per }}}{\text { per }}$

## Optimistic

 the paper h from alcogen vin of thave been colling －there have been interviemod and day make appear that blos narmer in the face．A driveintry and a visit to the tarme what different state of alairs． has been great and wo moult
minimize it in the won minimize it in the least bu asis，has more than one string $h$保 －beef and milk have been cropx the wheat was har vested befor luge came．That which remaine good．feed，and those who heve grood feed wheat is when
grain．Most of the hay went －Those who delayed haying go as ripe when the stonn and all got badly discolored But then it is nade into port into beer and the stock do no ocked flat．Continued me to get too ripe before bebing was prevalent．Cutting took
hard on man，machinery
so it is remart anly how woll the
 doing well．The second drop
are we dowhearter wet hut it mi－ht have been

Wheat Sold
Ontario fall whoat to be
ing Markets．
 orthern，$\$ 1.38 \pm$ ；No． 2 Noithern
 trican，track，lake ports． 1ow，nominal，track，Toron ley．－For malting，nominal，outsider
barley，6oc．．． kwheat．－No．2，nominal．
ur．－Manitoba flour - Prices at To－
were First patents，$\$ 7$ ；gesond
ts，$\$ 6.50$ ；in cotton， 10 cos ，more： bakers＇，$\$ 6.30$ O Ontario， $90-\mathrm{p}$ hay and millfeed ，$\$ 17$ to $\$ 19$ ．No 2 ，$\$ 15$ to $\$ 16$ ． Toronto．
n，$\$ 27$ per ton，Montreal frelights
n．$\$ 29$ per ton，Montreal freights
3， ings，per ton，$\$ 30$ ，Montres real freights． COUNTRY PRODUCE． ter．－Butter remained stationary
wholesales
during the past wholesales during the past reves
aUGUST 19， 1915
THE FARMER＇S ADVOCATE

## THE ROYAL BANK

 OF CANADA Capital Authorized ：－$\quad 25,000,000$ Capical Paid upRecerve Funds HEAD OFFICE：MONTREAL Branches throughout every Province
of the Dominion of Canada

| Accounts of Farmers |
| :---: |
| Invited |
| Sale Notes Collected |

Savings Department at all Branches
to 30c．per lb．；creamery solids at 27
to 28c．per lbo．，and separator dairy bu Eggs．－New－laid eggs declined 1c．per
dozen，selling at 22 c．to 23 ．per dozen Cheese．－New，large， 15 c c；twins， 15 f c ．
Honey．－Extracted， 11 c ．to 12 c ．；comb $\$ 2.40$ to $\$ 3$ per dozen sections．
Beans．－Hand－picked，per bushel，$\$ 3.40$ $\underset{\substack{\text { primes，} \\ \text { Potatoes．} \\ \$ 3.20 \text { New }}}{ }$ are now selling at 50 c Potatoes．－－New are now sel
per bushel，track，Toronto．
Poultry．－Live weight ：Turkeys，p 1b．， 2 2nc．；spring ducks，11c．per lo，
spring chickens，15c．per 1b．；fowl，heav spring chickens，15c．per 1．．；Pow，heavy，
12c．per lb．；light， 10 ．per 1 b．；squabs
per dozen， 10 ounces，$\$ 3.60$（dressed）．
HIDES AND SKiNS．
City hides，flat 16c．；country hides，
cured，16c．to līc．；country hides，part cured，14c．to to 15c．；country hides，pat salt skins，per 1 bl,
15c．；kip skins，per 1b．， 13 c ．；sheep skin $\$ 1.50$ to $\$ 2$ ；horse hair，per sheep skin．
$\$ 77$ c．；thorse hides，No． $1, \$ 3.50$ to $\$ 4.50$
，
番畐要量 fruits and vegetables． Small fruits have been very wet and
wasty during the past week，with the
exception of blueberries，which have peen of good quality，raspberries ranging
trom 4c．to 10 c ．per box，a few bring ing 11c．
Plums have been coming in in especia ly large quantities，but they are not
good quality，being very hard and green good quality，being very hard and green．
Thursday the six－quart baskets sold at
12tc．to to 25 c ，while the 11 －quart braskets went at 20 c c to to 50 c ．
Peaches are on a par with the plun in point of quality，although there were
a few of better quality，the bulk selling
at 20 c ， 20c．to 50 c ．per 11－quart basket，
three baskets of extra choice bringing $\$ 1$ per basket on Thursday．
Cherries declined on Thursday，as the
demand was poor and the quality poor also，the 11 －quart baskets selling
from 32 tc．to 50 c ． Tomatoes，which declined so heavily
week ago，remained nearly stationary th
｜uart basket．
Cucumbers also have held firm durin
the last two or three days of last weel
the bulk selling at 25c．per 11－quar
basket．
Cabbages，after being a glut on the
harket，have recovered．and sold at
o $\$ 1.25$ per cose
orket，have recovered．and sold at
o $\$ 1.25$ per case containing about
thiry heads．
Apples，new， 25 c．to $50 c$ ，per $11-q u a t$
basket，bananas，$\$ 1.50$ to to $\$ 1.90$ per
bunch；blueberrices，$\$ 1$ to $\$ 1.60$ per 111
quart basket；currants，red， 3 c ．to oí
per box；
$\qquad$





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## Cheese Markets

12 15－16c and 12 13－16c．；Bellevine
$\qquad$
$\qquad$ State whole milk fresh flet，New York colored，specials， 13 g．to 14 c ．；eolorer

$\qquad$
 12c．；Ottawa，12tc．；Listowel bid 12e．


Chicago
and heifers，$\$ 3.10$ to $\$ 9.10$ ；calves，

ough，$\$ 6.05$ to $\$ 6.20 ;$ pigs，$\$ 8.90$ to
$\$ 7.75$ ；bulk of sales．.$\$ 8.40$ t $\$ 7.15$ ．
Sheep and Lambs．－Sheep，native，
$\$ 5.90$ to $\$ 6.65$ ：lambs，native，$\$ 6.75$ to
Gossip．
The farmers who are getting the high－
results in dairying are those who
divial test）have shown their greal milk－producing qualities．A rare oppor－
tunity presents itself to any who may wish to start a herd or improve the
herd they now have，in the dispersion
sale of pure－bred Holsteins which will be
sale of pure－bred Holsteins which will be

Wany of the cows have high official re－
ords．The sires of the herd，Lewis
Prilly Mercena Hartog 18665，and Per
ng line of ancestry，and will have bold
the same time to the himbe



THE FARMER'S ADVOCATE
Chan
-
 bow by holding them up tor His ught to shine triugh them, Ho mants us or heank paim when He leads us alons
 becane Ho
 dor in Godis Presence is tulunese of ior
 toryive us our sins, wo ought to pray
to be for tiven our sandeas,?
We can-


"How little we may know, how Hutlo Only -theot Thou art there.
dora farncomb.
For the Needy
Again I have been granted the priviledge of acting as almoner for Advocate readers, having received a. dollar tor bring good cheer to a sick and struggling woman, helping her to thank God
and take courare. and of nice reading matter," among my use of nice reading matter," among my
stck friends in the hospital. Please ad-
dress to me ett 52 Victor Ave., Toronto, dress to me ert 52 Victor Ave., Toronto,
(not Victoria Ave.) Thank you!

## Fashion Dept.

HOW TO ORDER PATTERNS Order by number, giving age or measleast ten days to receive pattern. Also state in which issue pattern appeared. Price ten cents PER PATTERN. If two numbers appear for the one suit, one for
coat, the other for skirt, twenty cents coat, the other for skirt, twenty cents
must be sent. Address Fashion Depart-
ment, ${ }^{\text {OTM The }}$ Farmer's Advocate and ment, "The Farmer's Advocate and Home Magazine," London, Ont. Be Bure
to sign your name when ordering patto sign your name when orderin
terns. Many forget to do this. terns. Many lorget to do this.
When ordering, please use this When ordering, please use this for
Send the following pattern to:

Post of
County

$\qquad$
Age (if child or misses' pattern)....

Date of issue in which pattern appeared


8734 Princesse Dress, Perforated for





The Ingle Nook.




On Cheerfulness.






 oversbody, and ready to lauch or or ghe sympathy as occasion calls, quitio pone
senoousy,
too, tor sto ne nerer doe thing tor "ereect












 wiser way would be to do to the nexy bei
 ging, daily worry, permitted to go on uncheceked, that kills










## them for pit

them for pity
to be pitied
to be pitied?
Upon the whole, it is much bettor to wallow one's moods, turn the lip-corners up when they want to go down, and It's better for up the ache in the hearn.
Ither people, and betier
or oneself. It is a, great mistake, when one has a
blue fit, to stay in and brood. Thatt
only magnifes things out of all balanee. blue fit, to stay in and brood. That
only magnifies things out of all balance.
13y far the better plan is to go out and
hate have a chat with somebody, the eanest,
cheeriest "body" one knows, keaping
often, in doing so, the worries fade away like have gone. After all, not

woes are chiefy imaginary.
And now for something a bit more
dinsive.
The other day, when reading an artic
The other day, when reading an ay and
amewhere, I came on the following and
Copied it down :
"We all
copied it down:
"We all have in the mysterious realms
of the submerged self various secondary
personalitities who are dying for a chance of the submerged self various sea chance
personalities who are dying for a
o live. Among them are some who cetting acruainted with." Have you ever detected any inkling of
secondary personality within yoursell?


| Stain. | GENT. | application. |
| :---: | :---: | :---: |
| Tea | Boiling water | Spread stained part ovèr bowl. |
| Coffoe | ng water | Spread stained part over bowl. |
| hocola | Borax and cold water............................ | Sprinkle stain with cold water, then pour on boiling water. |
| Fruit, except peaches | Boiling water, with Javelle water, alcohol for peaches. | One-half cup Javelle water, 1 pail of poiling water. Immerse stained part, soap and rinse; wash. |
| Meat grease | Cold water and soap, sunlight and boiling water. | Wash in cold water, follow with soap. Hang in sun or soak in boiling water. |
| rass stains | Naphtha soap, ammonia water, alcohol, paste of soap and boilimg water. | Wash in soap and water. Wash in andmonia water next, then soak in alcohol. Soak' in a pan or let stand. Spread on paste and allow to stand. |
| Wagon or automobile | Lard | Spread on paste and allow to stand. <br> Rub on stain, wash with warm water and soap. |
| aint | Benzoin and turpentine........................... | Soften paint with turpentine, take out stain with benzoin. |
| Wax.......i.e. | Absorbent paper and hot iron. French chalk, blotting paper. | Place paper over spot, cover with iron. |
| rspir | Soap solution, ether, absorbent cotton for coat collar of velvet. | Put in soap and hang in sunshine. Soak |
| Machine oil |  |  |
|  | Cold water and white soap. Cold water, if deep stain add salt. | Soak. <br> Soak in cold water until stain turns jorown, then wash with soap and warm water. |
| Medicine | Alcohol $\qquad$$\qquad$ Milk, and oxalic acid, salts of lemon and Javelle water. |  |
|  |  | Soak. <br> Soak in milk at once. Know the kind of ink. No soap. Oxalic with cold water. Apply acid and rinse. Soak in. Javelle water. Wash and rinse. |
| Iodine | Lemon juice, sunshime, soft soap. Paste of tablespoonful of starch, half a teaspoonful salt, Juice of lemon. <br> Ether, chloroform or naphtha soap, boiling water. <br> -Ether, chloroform or naphtha soap, boiling water. <br> Turpentine. | Put on liquid, let stand in sum. Cover stain with soft soap. Apply two to five times, paste, then let stand. |
| Iodine |  | Let stand in reagent until stain disappears, then wash. |
|  |  | Let stand in reagent until stain disappears, then wash. <br> Wash with this until stains have disa;- |
|  |  |  |
| Iron ru | Muriatic acid, or lemon juice. | Spread over bowl containing water, teaspoonful of borax, drop on acid with dropper until stain lightens, then dip in water. Rinse thoroughly, spread with lemon juice and hang in sun. |

and grass stains on garments should should be stretched and hung straight. The Dollatichain
likewlse be removed immediately upon the linens may be scalded, washed discovery
If the clothes are soaked, the tim should depend upon the degree of dirt
one hour should be emough, althoukh many laundresses soak them over night. As a rule, the quickest washing is the most satisfactory, soaking, sometimes
hindering cleanliness. indering cleaniiness. stove and fill it with cold water. Sut the soap in thin layers and use it gener-
ously. It is best to shave it and put it ously. It is best to shave it and put it
in a vessel of water on the back of the in a vessel of water on the back of the
stove until it forms a jelly. Soap of the best quality is the most economical. In the inferior grades there is too much alkali and resin with fatty matter.
Soap powders may be used with disere tion. If caustic soda be used it should be in the proportion of a tablespoonful
to three gallons of soft water, a fourth to three gallons of soft water, a fourth
of a tablespoonful more if the water is hard, the lime being thereby neutralizod. roperly used, the sodal and is washed out before it has time to eat into the fabric. Clothe y an emulsion of kerosene, limewater and turpentine in equal proportions in oiler full of water, and they should be oiled a half hour. If the clothes need
leaching, Javelle water may he used with care, but it rotsithe clothes if used with care, but it rotss the clothes ir used
too freely. A cupful to a boiler of water is safe to use as a bleach. It is
made as follows: One pound sal-soda, boiling water. Dissolve the sal-soda in boriling water, and the chloride of lime in a little cold water. Let it settle, soda and again let settle. Keep in bottles. To bleach, use stronger than
to whiten, by one-half or one-third. Cable of specific stains with their
reagents and uses, as given to students of the laundry course in the New
State College is given herewit?. Of course, caro must bo exercied ind in
using any of the acids mentioned,
 should be $k$
of chilitren.

Table linens should first be looked ove
$\qquad$
again, rinsed, may blued Rinsing determines the success of the work. Good linens should be well sprinkled and iromed until perfectly dry,
to give them a gloss and to bring out the pattern more distinctly. In iron ing, use heavy irons, with thick pads on until partly dry; then turn and irg side the right side until perfectly dry. iron of Fold tablecloths by the selvage edges They may be folded lengthwise twice or: them once and is even better to fold should be folded perfectly straight, with the selvage edges together. Fold with edges evenly except when folding lengthwise folds din hall, the upper part should ing applies to handkerchief. This foll cloths are laid in three folds; still, rolled, as are centerpieces.
Four short rules should be observed in

1. Wash one piece at a time

## 3. Do not wash in wat been used for other pieces

4. Wash in water about the temper
5. When

Wore of the room.
Woollens should
Woollens should never be put out of
doors in cold weather.
Liquid soin
may be added to the lukewarm. water, a
quarter pound to a quart of water.
Dissolve the soap, if cakes or
used. Wash up and down, without rub
loing on the board,
bing on the board, as this causes strink-
ago.
Keep
the the thee

 into shape, and hang too dry in a warm
place. Hang wrong side out, and whe
$\qquad$




> Sandy. "Neel. an' whit is't, Mary"" querted
$\qquad$
$\qquad$
$\qquad$

## The Windrow.

## Wh HUCKY OLD COAT.

he was wearing arrived at Rohlebon through much exposure had coat, "Wilich traordinarily like the German "Leld grey. It was a luciy fluse, and geind
for him exceptionally good treatmand "As I lingered about the yardo. who had une of their own wounded among the Enulish Waily been interned on the day of ny release, weeas latro, into a "cate"' at Berlln, dressed to then same old overcoat. I was treated mont deferentially, and the awe-struox yelta on the shalf near by the corner and pliced sian helmet so as to guard melic Prisdid isolation.
His Italian-sounding name also atood him in good stead in Berlin during his period of detention there on a sort of February. He strolled ior England in hospital and asked to assist at the operit tions. "I went up to the princtpal surgreon, bowed and gave my name. Ah P
he said, 'an Italing we said, an Italian; come along this
whe Graphic.

Here is a true story : It was nearly half-past seven oclock one erening, and
in the lounge of one of London a famous restaurants were little groups of people chatting before dinner. A young clean-cut features, was seith eyte and obviously waiting for friends. Ho in evening dress. Two girle in one of the groups looked around at him onee
or twice, and at last one of them do. tached herself at last one of them do an air of resolution, walked acrosss to the lcnely man opposite. "Pardon mo," tho said, "I have something for youl" The man jumped to his feet, and the girlput
into his hand a white feather. Alltile mille fitted over his face. "It il very
sither strange," he said, and took something
from a waistcoat pocket, "that on ono from a waistcoat pocket, "that on one
and the same day I should recelve tro and the same day I should receive opened his hand, and in the palm lay. little bronze cross with two worde, पTor Valor," inscribed uFion it.-Sci.
exotic nationalists. In the current discussion of Pan-Girparadox it has boen noted as a vurhu ents of the movement were obviouslynol of pure Teutonic stock. Houston Cham beriain is an Englishman by berth Treitschke was of Bohemian and Neita But Porish descent
stance as it is thought strange a circumit is so common to find that the leaders of any country whether in action or in thought are of alien ancestry that it anything else the excention the rule and the national hero of Chile, bears anywas from a Spanish name. Napoloon empress Josephine from tha illand of Martinique. Kossuth, the leader of
Hungarian Magyar but a Slav. Kosciuszko, the Polish patriot, was born as every one Knows in Mereczows coryna in Li huania. Swedish dynasty, was a Frencluman. Alexander Hamilton, the exponent of American nationulism, was born in the island of Nevis, Columbus, whe gave a neyw world to Spain, was an Itallan.
Disraeli. Disraeli, who originated Brilish Im-
perialism, was a Jew. Venizelos, to whom the expansion of Gre-ce is due, is home ruler, birth. Parnell, the Irish American. Gladstone, the most tyital was 1 rish, so was Scotch. Wellington
(itchener. Iloyd
(ieorge is a Welshman if ever there was

In the present war we see the mritish armies led by General $\cdot$ French, the Rus
sian by General Francots and the German by General Msciens n , whose nameo suggest alien origin. The kings Aghting
arainst arainst Germany, except the Mikgodo,
are largely of German blood. The are largely of German blood. The

## The Windrow





 old overcoat. I was treated that encially, and the awestruak moest
me to the cosicst corner and pleat
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ped something for youl": The he said, and tace. "it is very a waistoat
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exotic nationalists current discussion of Pan-GerThe movement were obviously not is an Englishman by birth. this is not so strange a circum:
as it is thought to be. In flect
o common to find the arntry whether in action or in in
are of alien ancestry that

## scent. The Rus inn General Rennen- kampf bears a German name. The most kamcessful of the Russian generals in sucecsian is Dimitrieff, a Bulgar. Russia Galicia or her generals. Ali. hanof, who plan- ned the capture of Merv, was Ali Khan before he was christened. Mcli.oo, who took Kars, was a Uicorgian, no, not from the State of Geor, ia, a Caucasian Georgian-perhaps that is still amzigusus, let us say a Georgian from the osophers, sic. tists and authors of aly

 country without being strues - with thefrequency with which one comes across alien. ancestry. Kant, whom all th3
Cermans swear by, was of Scotch descent. Ibsen, the leading light in Nor-
wegian letters, was part Scotch and part German. Rousseau, who furni hhed the philosophy for the Freach Revolu-
tion was a Swis3. Many of the most
distinguishcd named in modern German tion was a Swiss. Many of the most
distinguishcd named in modern German
literature are Jexish, among them Heine, Heyse, Sunderman, Hauptman. was part negro, so was Pushðin, th 3 poet of Russian patriotism. Browning
was German on has mother's side. Maeterlinck, who is the best known of living French authors, is a Flemish Bel-
gergson, the best known of live ing French philosophers, is of English and Polish Hebrew stoc's. Mademe
Currie, the Fren h chemist who discou ered radium, is a Pole. Metchnikoff, director of the Pasteur Institute at
Paris, was born in Russia, so was Ostwald, one of the greatest of German
ehemists. Only two Nobel prizes in science have come to America; one in
physics to Michelson, who was born in Germany, and the cuner in medicine to Carrel, who was born in France. Mar
coni, in whom Italy glories, is hal? Eng lish, Mayor Nathan of Home, leader o
the "Italy for Italians', movement, i
an English the "taly for Italians movement, is
an English Jew. D'Annunzio, who
boasts that he brought Italy into the vexed question of his origin.
These are merely names that happen to come to mind at the moment. Any
reader can extend the list of exoti: genius. To explain it is not so easy
If we say that it is due to Mendel's law that hybridization produces new varie
ties it does not explain the pronounce alien blood for their ado of pa pure but
Is it that tho mere Is it that the mere transplanting to
new environment acts as a stimulus to human beings as it doess to sugar teats
and potatoes? Is it that those who emigrate have grater enorgy and
initiative than those who live for gen acquired tastes are strongest and one who voluntarily chooses a country
thiuks more of it than one who is
hound At any rate this disposes of the surith?
stition that there is some mysterious connection between race and nationa
spirit.-The Independent.

masquerading as men.

Indiscreet as the donning of man's at-
tire is considered, it is astonishing what a large part this resource has played in
real life as well as in fiction. History, says The Weekly Scotsman, contains
many instances of men mas werading as women or women as men in order to
gain some preat advantage gain some great advantage. Professor
Aurell of the University of Stockholm de-
clares that Charles a woman. Aurell's fathcr was present when the body of the famous boy King
was exhumed in 1857, and it was diswas exhumed in 1857, and it was dis-
covered at that time, be declares, that thered at that time, he declares, that
the body in the coffin was that of a wo-

THE FARMER'S ADVOCATE never married, although he was con-
stant urged to to so. When he was
killed in Norway his body was spirited
away by his attendants, and buried away by his attendants, $\begin{aligned} & \text { and buried } \\ & \text { without being examined. }\end{aligned}$ On three occasions it has been exhumed to ascer-
tain how he met his death, and, ac-
cording to Aurell, to deternine his sex, which has been in doubt for nearly two The realms of legend and romance are
full of such cases. Ariosto's heroines, the maiden Bradsmante and Marfisa,
travelled about in armor ai Knizhtstravelled about in armor aib Knizhts-
errant, and the discovery of thi ir sex often proved most mortifying to the redoubtbattle or tournarnent.
Portia and Rosalind are but two instances of Shakespearean heroines dis viewing Sarah Bernhardt's performance of Hamlet, suggested that the sorrowful Prince of Denmark may have been a
woman, and that, keeping such an idea in mind, would help a student to under-
stand some of the mysteries of the character.
Then there was at least one of Sir Walter Scott's heroines who followed
her lover to the wars discuised her lover to the wars disguised as a
man, while Theophile Gautier's Madamoiselle de, Mauphin lived for years as a
man among men, undetected as long as man among men, undetected as long a
she chose to remain incognita. Just what this desire to masquerade in clothes of the opposite sex meana
one has even been able to explain.

In a sketch of his career Edward
Bok, editor n? the. Ladies' Home Journal, gives in a few words the moral of
his life: "Behind every story of success is a story of hard work and suc Netherlands at six years old, and went through extreme, poverty helping his
widowed mother
vo scrub, cook and widowed mother ro scrub, cook and
wash dishes. He believes firmly in the
beneficial stimulus of poverty and

## The Women's Institute.

Education of a Farmer's Wife.
[A paper given at a meeting of the After God made man He saw that it was not good for man to be alone, and him. So He made woman. The Bible be man's helpmate. Where has she then, that woman's duty is to
be mer better opportunity to fulfil this duty than on a farm as a farmer's wife?
In order to have the ability to fulall her duty to the best advantage she must have a good education. I would say
that she needs and has a chance to get a better education than woman in any other sphere of life. She should have,
and may get, through experience and obleast the following subjects:
$\qquad$ Ical. By that, I mean able to make
tasty, substantial and digestible dishes fasty, substantial and digestible dishes a great supply of material, and with material that she has on hand, as she
cannot run down street to buy this and that just when she wants to use it.
Neither should she be extravagant in the Neither of eggs, cream, butter, lard, etc.,
use of
just because she has plenty hand. It would also be good to bo able
to make appetizing and nourishing dislles o make appetizing and nourishing dishles
for any sick person, and serve them for any
temptingly.
As it may be a help to someowe, I
will just mention that it is a good plan

## pages and a pencil near it, and when you are about your work and find that

## you are about your work and find that you will soon need certain articles from the store

the store, just jot it down on your
paper. This saves much irritability and
many trips to town. My book is made many trips to town. My book is mado
of wrapping paper, and stitched with an
larmer's wife could make at least the
everyday clothes for her family. Knit
ting also should be everyday clothes for her family. Knit-
ting also should be known, and fancy-
work, as we have our pretty center pieces, counterpanes, curhions, etc., just
as well as our town sisters. dustrious girls have a supply of fancyAs a rule belore they get married. with less goods than a douressmaker unllis for, because you work with care and go
slowly, as you have to pay for the goods. Homemade garments are more substantial than ready-made ones, and
usually fit better if made with care. Quilts and mats could be made in winwhen we have not much to do except the regular chores.
(3) In housekeeping it is superfluous that any member of the family would like to come to its comfort, health and
happiness. If possible, work should happiness. If possible, work should be
managed so that the evenings would be free for social intercourse. After th day's work the members of a family en
joy an evening of conversation, readiug or music very much, and it does much
good in different ways. Most would have plenty of time for social in-
tercourse in all lts phases if theme tercourse in all its phases if they only
managed their work as it should be man aged. Many women are very poor man
agers, aind as a result are always busy
at home, and yet they do not accom
plish as much as the woman who works
half her time and manages well.
(4) In gardening, a woman, may pro
duce nearly everything she neode in the
line of vegetables for both summer and
winter use. And what farmer's dinner
or supper seems complete without some
vegetable other than potate? Many
things may be canned for winter and be as good as fresh if done properly. If
one has a surplus of garden stuff. it
(5) In poultry, a knowledge of how feed and care for all kinds of poultry means a home supply, as well as the
profit made by selling eggs and live or
dressed poultry.
(6) In home-making (perhaps thils
would have been better placed firt) children learn from examplë́ more than $\begin{aligned} & \text { otherwise. Therefore, mothere, and other } \\ & \text { members }\end{aligned}$ the household, should be polite and genteel, and train their
children as they should be trainel
Hundreds of women are striving to br.ny
Hundreds of women are striving to br.ng
up their children to do great good in
the world. Men who go to war and
the world. Men who go to war and
destroy nations have monuments ralesd
as memorials, but women who bring up
their children to uplift nations, die end
are forgotten, yet, who does more good ?
great deal more might be said alon,
(7) In nursing, a woman could sav
she had a knowledge of the simple ille
of mankind, such as measles, ohicken-
(8) And lastly, in agriculture, how much
is a successful farmer's wife ! She
should understand how to carry on all her husband"s work, and if he gets in a "pinch," help him out, as it does neither
one any harm, but good. (Of course there are exceptions; women who ar there are exceptions; women who are
really physically unfit for much work,
and these should certainly be and these should certainly be excused.)
If a husband were away, or sick, or dead, how would a farmer's wife succeed if she knew nothing of outdoor work?
of course, đin any of these eases a man could be hired to keep up the work, but
with most hired men how would it he kept up if she knew nothing of how and when it should be done.
would succeed very poorly if they had not wives who had the eduaction
quired. While writing, my minf is a man who was born and drought up on
a farm, and yet seems to know nothing about it. He doesn't seem to be rule to see ahead or to make anything ht
all. He has a good wife, and by her
own work at gardening, poultry-raising, call-rearing and butter-making, they pay
for, or I should say she pays for, almost everything, even to the rent of the place.
I will not deny that some women are just as useless, and some men are to be
pitied. If a wife uses common judgment and
talks over things with her husband, he
often helps and keeps him out of many
difficulties. The Bible tells us that diffculties. The Bible tells us that a stand. So why not let husband not wife be one, as they are supposed to be, and talk over all their affairs together, Some may think this looking after, or teking part in out-door thinggs, in getting too near the harem skirt, but surely a woiman has a right to look aiter
heris own interests and those of the famfly. But if she hasn't the eduoation for it, what can she do? We never know. what is before us, and the best as possible dor any be prepared as far as possibio lor any emergency
need not pen herselt up from the outer world. She thas every opportunity to attend any sooial gathering, to get the derily news through the atd of R. M. D., bors by aid of telephone. She has a splendid opportunity to study hature
also, and all ite beautiee.
Therefore, let us as farmers
educate ourselves along these lines and educate ourselves along these lines
be true helpmates as God intended.

News of tho Week

It has been reported that 150,090
Italian troops will be sent to the DarThe Russian army is still retreating in The Turkish warship Kheyr-ed-Din by a Britiah aubA hail storm at Port Dover, Ont., did New Allied forces landed at the Dand A Zeppelin was destroyed near the
coast of Belgium after a raid on the

The auxiliary cruiser India and the
destroyer Lynx were lost in the North Fourteen were killed and fourteon
wounded by a Zepplin raid on the Eng ish coast. United States battleships and troop The British trebled their land held a

The British patrol Ramsay, and the
German steamer Meteor, were sunk in

Sir David Beatty has been made Vibe
dmiral. He commanded the fleet whico sunk German warships about a year ago

Premier Borden spent several days a
he front, and passed through a tow under bombardment.

Good weather has hastened the ripon-

Brityd George declared 845 factories in the manufacture of munitions.

Nineteen ships were the victims of sui-

The Russians repulsed a large German
Floods did much damage in Oplawa, Floods did much damage in Oshawa,
Whitby, Scarboro, and surrounding coun-
try, Sunday, Aug. 15. Oshawa streats

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 pive butter made with indsor airy Salt Made in Canada ${ }_{\text {Iss }}$ EVEN BALANCET
 Coirtw scriveu hiclets ELIY D.IGHTTY NT-COVERED ndy-COATED CHEWNG

RNITURE?


EAM WANTED
Nown wix
 o CREA MERY CO., LIMITED
Toronto. Ontario
HRLLO asure Range
aloof and turned the wheel; but present-
ly the languid lashes lifted. and she became conscious of me. Then her eyes
grew big. She remembered me from the day at the Prinzenhof, or the Horse show, perhaps. Evidently Starr had
not named me yet, nor had Miss Van not named me yet, nor had Miss Van
Buren, in descending after our briet encounter, put any questions. Whether
this boded ill or well I could not de this boded ill or well I could not do-
cide, but longed to get suspense clde, but longed to get suspe
and I was not kept waiting.
I heard Starr's voice below urging
Miss Van Buren on deck. "'Don't bother Miss
about putting everything away," he he
said. "Do it later. You must soy good-by to Rotterdam. Who knows what will ha
back ?" It would not be my tault it two of the
party werc not engaged, I was thinking
 rising from below like stars above a dark harizon-met mine. There was no
recognition in them. To all appear ance oblivious of ever having seen my in-
significant features on land or sea came smiling up, on the friendliest terma The vacant chair, most conveniently and I hoped that she would take it. But rather than be thus trapped, she
stepped over Tibe, and pushed past he stepsister with an "I beg your pardon, The Mariner gave no glance at me, but
there was a catch in his voice which betokened a twinkle of the eye, as he Rivers, I must introduce the friend I tald you about: our skipper, Jonkheer Miss Rivers smiled delightfully, with just such a flush of ingenuous surprise
as I should have liked to see on "Why, how curious," she exelaimed, Starr's you should be a friend of Mr. Jonkheer Brederode before, haven't we "Have we ?". sweetly inquired Miss
Van Buren. "I'm a little near and I've such a wretched memory nest arly, I have to be introduced at leas "Oh, but, Nell," protested Miss Rivers Surely you know we saw Mr.-no
Jonkheer Brederode-with your cousin wards you-" nce,", remarked Miss Van Buren. sea adventure, wonn't thinking of as your when Jonk
heer Brederode rode in the "I'm afraid 1 was the contest-" If Robert had her stepsister.
uncture he board at this ucture he would probably have wished
o box his cousin's ears, but I had such desire, though mine were tingling. Coberts; for I saw that. with the best
intentions in the world. (and ind are dangerous weapons! ), my too-loyal
lriend had in some way contrived to ake me appear insufferable. Perhaps oasted an intention to meet her within
given time, and she "What is a Jonkheer ?", the pseuch "I dont know exactly," he admitted can you help knowing, when you how have
an old frien now (Was there a spice of malice in this
question ?) him, I'vee, thoukht of him ince I've known
explained hasti" Starr "pet name."
"I suppose it means something nice
Dutch." said Miss Rivere pretty way she has, which would fain
make every she hat ake every one around her happy. "But
think Mr. van Buren Sonkheer" was like our tord us that "It sticks in the sort," I answered.
"use throat, if you'll excuse me for saying soa, like a bit of
crust.,' remarked Aunt Fay.
"You can all cill Starr.
"Why mot compromise asked Miss Vanpromise with Skipper ?'
yachting-cap ting-cap (rather a nice ona) with
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serene impertinence. "We shall probabhimever have the pleasure of knowing
on land, so why stumble over
Dutch utch names or titles? He has come sn't he? So he would probably pre Starr leaned down to ing all over. "Ha, ha hal" he gasped. never saw such a lunnv tail; I do sterics." bive me Nobody else laughed, and Miss Hivers hocked, questioning way, her vio a yes saying as plainly was if they spokeMy, darling girl, what possesses you signer ?"' question, in the same words: but I saidd nothing, did nothing except turn the
wheel with the air of that miller who grinds slowly but exceedingly small, and
smile a hard, confident smile which warned the enemyon land, and love me on tand, so you what he well make up your mind to draged caught the looks, which fown frombly
 gree worse, of course; but what is an
extra stone rolled behind the doors of the resisting citadel, or a gallon more
or less of boiling oil to dash on the headd of the besiegers? If they are de-
termined, it comes to the same thing in Fortunately for the spirits of the other
players who were "on" in this a paybers who were "on", in this scene (in
a subordinate capacity), the fair Enemy
was not of the nature to True.
of free will she did not address me; but
having shown her having shown her opinion of and in-
tentions toward the person deserving
punishment, she did not weary her
with
gave hersell up heart and soul to de She basked in it, she reveled in it: had sho been a kitten, I think she would have purred in sheer physical enjoymen i. ling boet 1 My boat $1^{\prime \prime}$ she repeated,
lingering over the words as if they had been creem and sugar. "Ob, I wonder it it knows it's My Boat? I wish it could. I should like it to get fond of me. I know it's alive. Feel its heart Loreler' is going to be to me. We never ived betore, did we, Phil? And aren't you gled we came? Who knows what
will become of us after this, for we certainly never caa go home. and take up ine where wo ith.
You shan't. I'll see to that," I said lookting even at the brim of my cap. Heer eyes, luminous with childlike happi now, searcurched and photographed each swiftly pest us
The might yociome motor-boat pirates,", climax about that: "Thero' d be no antsould make a living. We'd hoist the lack flag whenever looking barge or
two, or a fith a rich-
 ims. But, speaking of the blect vicgee the star-spangled the black flag, 'er the deck of the tree and ther floats to thente of putting it there, Mr. Starrl Tt. Would never have occurred to' me. had occurred to me," said the had occurred
but it didn't.
". Perrent mystery." remarked the Chaperoin the ciously.
I emiled.
The happened to have the little silk flag,", said I, "and as the
owner of the boat is an American. It took the liberty of flying her colors parly this morning. But we have up other flag with us for emergencies-that when wo show it, will sive us the rich to enter shluices-or locks, as you call them-ahead of anything else
the Mariner. "Why har uses," observe flag up all the time-under the Stars and Stripes?
except in extrair to make use
 we see have their living to get. 'ITime's
money to them, while it's pleasure us, It's right that they should get
 When wo shall need our advantage; an till then I'll keep the flag up my sleeve, ."I never thought motor-batat," exclaimed Miss
"Since we made un
River or rather Noll made up hers mive adde
another prayer to thome another prayer to those 've been a a
customed to say for years-that shouldn't be blown up, or, if we had $t$
blow up, that we shouldn't realiza lon enough beforehand to be frightened
and that we should bow little pieces which couldn't know quit thing about it atterwards. But now ry

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- Wherms,witethe Ptndoal
myself
 Buren. "I suppose, when one thinfon it, worse things could happen to ono
on a motor-boat than in a because there's water all round motorcer, seemą so heavenly restul, rather ith mbtoring in heaven might be, and no trightened horses, or barking dogs, no
street children to worry yount, "I pity people on steamboats, Juat as
the other day on pitied people in stuffy black motod, said Miss Rivers. "But I trains, the people on lighters and bargee. Don't they look delightful? I should love red lion on the prow, and the grreen red lion on the prow, and the green
house with white embroidered curtenins and flower-pots, and sweet little china animala in the windows; It's china
'Anna Maria,' and oh, it's worked by motor 1"
"Lots of them are, nowadays," I mal "They're easy to rig, up, and save, work the lady she's named after, who ive a board and thinks hersell the happleat woman on earth-or water. There she goes, on her way to the kitchen, with
her baby in her arms.
Pretty creaturee "Pictures!" cried Miss Pivers, and stepsister. who at the moment was be ing particularly nice to the Mariner (1) fancy by way of showing the Outcast up from a map of Holland which stand had opened, across his knees. 'Tt's a very young Madona and Child, painte a dutch master. I wish you "Perhaps I will, when we come back this way," said I. "You shall go on
board and have tea with Anna Maria and her baby, and the husband too,
who's as good-looking as the reat of the who's as good-looking as the reet of the
family. They would be delighted family. They would be delighted, and
proud to show of their floating home, proud to show of thair foating,
which saved Anna Maria's life."
How? It sounds like a story Noria's it is a haughter of a romance. Ann argeman, and whas born and brought up on a berge When she was seventeen and keeping died when she was a child) the poor man had an accident, and was drowned There wasn't much money saved up to Anna Maria. so the barge wai gold.
and she had to live on dry land, and learn how to be a dressmaker. She it you took it out of its bowl and laid
if it on the table. In a few montha shod tallen into a decline, and thougho juet at hat time, she met a dashing youns
hauffeur. who toolk a pretty. pale face, even love wase't rong enough to save her. The chailk eur, poor follow, thought there was no is white garden of girls as swoet as ould only aford to woy He felto, if he imself, they might marry, and the out of the question, and perhaps th idyl would have ended in tragedy, had master. That master, as it happened had a lighter which he'd fitted up with a motor. He'd used it all summer, and so when he heard the story, he told the


FOUNDKD 186

## en

 thingsose, when one thinkso Vany things could happen to ond tor-boat than in a motor-ane, heavenly restful, rather likein heaven might be, and horses, or barking and no
ldren to worm, or people on steamboats, just a day, when we motored, Rivers. "tuiny black trains," on lighters end barges. Dity
delightful? delightful? I should. Don't
hat one with the curly the prow, and curly-talled
white embroidere green r-pots, and sweet little curtains in the windows.
ria,' and oh, itt's china
It's called \& them are, nowad easy to rig up, and save I said. he's named after Maria,' and 1 thinks herself who lives on her way water. There she in her arms. Pretty cre, with s!" cried Miss Rivers; and her who at the moment was beway of showing the Outcast map of Holland others), glanced ing Madonna kne . 'Tt's like Dutch master. I wish you I will, when we come - said I. "You shall gock on baby, and the husband too, Chey would be delighted, and show off their floatin, It sounds like a story
is-a humble romance. o daughter of a bargeman, and was sevent up on a barge was seventeen and keeping a she was a child) the poor
n accident, and ather a't much mone was drowned. ria. so the barge uped up for ad to live on dry was sold,
to be a dres erait as a goldfish would pe
it out of
able able. In a its bowl and laid a decline, and though months sho'd she met a dashing juant at le face, a fancy to her fellow, thought. The chaif garden of girls as sweet as 1 snowdrop. He felt, it he
afford to afford to buy a lighter for
ney might man might be saved. But it was
quest question, and perhaps the
have ended in tragedy, had
nfided nfided his troubles to his the waster, as it happened
He which he do He'd used it all summer, and
ney's worth of fun out of
heard heard the story, he told the
e would give him the thing
atgust 19, 1915
as it stood. for a wedding prosent, and
it must be rechristened 'Anna Maria." "What a lamb of a master ! I quite pelore the remembered that she was belore
talling to one beyond the Pale. There wasn't. much merit; he was
tired of his toy." ${ }_{\mathrm{I}}^{\text {answered carelessly }}$ but I felt my Thace grow red? I Aon't believe it a bit. He just said that,", orred Miss Rivers. "I should love
him tor. Is he a Dutchman ?" him too. Is he a Dutchman ?
"I shouldn't be surprised if he was half English, half Dutch," remarked Starr, good-naturedly.
"or it he was making our wheel go
round now," finished Aunt Fay, pulling Trees's ear.
"Obry said Mise Van Buren, and she end sia tending to trace, werr rracing, to Go prowhither we were gotng, and where wo
expected to lunch. Hurriedly she threw herself into a discusston with him as to whether we were now in the Lek or the
Mase. Reason said Maas, but the map Maas. Reason said Maas, but the map the lady, about which there could be no two epinions; it must be one or the As a matter of fact, there are many oppinions, and as I knew the history of
the dispute, after all she had to turn to the dispute, after all she had to turn to
me, and listen. I talked to Starr, and met, hed isten. I talked to starr, and
at her, explaining how only experts could tell one river from another here, and even experts differed.
"Our waters are split.
channels that they're as difficult many separate one from the ${ }^{\text {as }}$ dififcult to "wisted strands in ap plait of hair,", said
"It was like "Napoleon's cheok, wasn't it, to claim the Nothertormed from the, alluvium of were fivers $7^{\prime \prime}$
Instantly the Chaperon ceas then mire Tibe's new and expensive collar, and opened a silver chain bag, also glither lap. From this she brought had in notebook of Russian leather, and began to write with a stylographic pen, which lad dangled in a gold case on a richly had "done" herself. This little lady day. herself well since yester"I shall take notes of everything," Napoleon goes down first."
"Surely, you knew, Aunt Fay,", Che Mariner, with a: warning in his litted
evebrows.r "I don't know anything about Holreplied, delfying him, as she can afford
 Iaur is cancerned. "It's not the
tashion in my part of scotland ladies of "position to know things about Ioreign countries they've not visited
It's considered frumpish, and though am not be as young as I once was, She certaindy is is MacNairne does iot not dress The real Lady have such an air of Parisian elegance ${ }^{\text {as }}$ this mysterious little upstart has pot on since assuming her part. Save
foi the gray hair and the glasses, thray hair and the hideous
there could
scarcely
cous Laintier fifure than scarcely be
or's false Aunt Fay of the Marin"However." she went on, "my doctor n't wonder if a a tonic, and I should-
might be spice of information I intend to mental stimulant. Anyhow,
everybody otry it. and ask questions of everybody about everything, ."
All this she shions of
, thid with a quint, with the curious fascination impressed emanates curious fascination which
son from this strange, small
per-
 haverance-perhaps blissful ignorance. IT
tle wrete too much respect for the lit-
tespite her prey somehow, I felt at this moment that I
was on her side. I was afraid that, ip
she asked run to do any favor of me. I should
self being and I could imagine mymite's Liliputian displeasure buall before the
Starr
Sto his soul was his own, if dhe laid claim tay
to it. He mis own telegraph with his raise his eyebrows, or
note in that but a certain
toin that Voice, would that crisp, youthful-sounding


## THE PEOPLE ARE THE BEST JUDGES

What is it that has kept the Sherlock-Manning Piano Factory running with a full staff ever since the beginning of the war? What is it that has compelled us to ent
five times since the founding of the business? Public Confidence. We have won the confidence of the Canadian people, and consider it a priceless asset in our
business. The people are the best judges, and they pronounce the


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## 








 $\mathrm{G}^{\text {OOD }}$ generad socrant wanted for farm; goo
 $\mathrm{W}^{\text {ANTED }}$-Pasition as working manger or on

${ }^{\text {ANT }}$
$\mathrm{W}^{\mathrm{N}} \mathrm{NTED}$ TED. Two Reliable Men to work on daing and airmior in mums beo. experiencod in feeding


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ready or tor

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## FOUNDED 1

there's something else we're able to
with it. The popular beliet to Amsterdam, one key is kept in that, a tral arsenal which can instantly open sluices to inundate the whote thro try in case we should be in danger . "Basion."
'But, you'd drown your land an claimed-Aunt Fay.
Betlar drown than lose the liber we've paid for with so much blood. Th old spirit's in us still, I hope, thoug we may seem slow-going, comiort-lovin up our minds to do a thing wo mak pared to suffer for the sale we re pre it through.'
Again I met Miss Van Buren's eye and I think she realized that I ame tyil
$\qquad$
Questions and Answers. 1st-Questions asked bu bona-fide subberibesto
The Farmers Advocate are answered in thic
iepartment free. 2nd Questions should be clearly ortod an
plainly written, on one side of the paper only, plainly written, on one sidide of the papiy oratod and
muist be accompanied by the full name and oddrin of the writer.
3 rd
In vetinary
questions, the eymptom wiec satigfactory replies cannot be given. 4th-When a reply by mail is reguired to ment
veterinary or legal enquiries, 81.00 muth enclosed. Miscellaneous.

A Minor
Can a minor of 18 years buy land and hold land, property which he intends to pay for with his wages? He to wort ing out with a farmer
Ontario.
Grass Seed for Low Land
We have two acres of ground which prètty wet and springy, and would lice you to tell us what kind of grass foot rented farm, sud the for it. This is a see his way clear to drain it th the meantime. A SUBSCRIBER. Ans.-Red top grass and alsike clove ould pron do as well as any kino does not state whether it is for cres or for pesture For the lur moll rem a mixtur or the Kentucky blue lbs.; alsike clover, 2 lbs.; red clover, ibs. For hay, omit the Kentuekr blue
grass.

Weight of Hay in Mow. What amount of hay would be in a moll $20 \times 13 \times 5 \frac{1}{2}$ feet, and give a good rule for measuring hay in the mow? SUBSCRIBER. Ans.-So much depends upon the qualsure to which it has been subjected, that no very definite answer can be given to this question. A correspondent who has bought a considerable quantity of hay
"by the lump," informs us that a ten of fine timothy and blue-grass hay will of grain have been piled on top of it. He estimates that coarse clover and
timothy would occupy about 475 eubic feet under the pame conditions, and
about 500 -cubic feet where no grain covers the hay. These estimates are
based on quantities of tons. Accepting these figures, your motit

Gossip.
Since the advertisement went to press
in this issue, w. J. Beaty, of Janefild Farm, Guelph, Ont., writes that he has bought the Sprucedale Stock Farm, sh.
Thomas, and will transfer all his bard Thomas, and will transfer all his ban
there. Sprucedale Stock Farm of 300 acres is one of the finest stock farms in Canada, and has every accommodetion or producing high-class stock. Having already one of the leading herds of dairy.
Shorthorns, dairy - test winners, and f . Shorthorns, dairy - test winners, and to
O. P. cows, it is Mr. Beaty's purpose to evelop the herd still more, and the
Sprucedale Stock Farm offers this posith

AUGUS




Compared with our famous $\$ 1425$ Model of last season:-

This season's model has the same thirty-five horsepower, four cylinder motor.

But it is lighter and is therefore higher powered.

It has the same convenient arrangement of electric control switches placed on the steering column.

Added conveniences are a one-man top-dimming head-
lights-adjustable pedals-start ing button in toe-board.

Ignition is again by high. tension magneto.

In detail, finish, mechanical fineness-this newest Overland gives you practically all there was in the $\$ 1425$ Overland, even more power and more conveniences.

And it costs you $\$ 375$ less than our largest four of last season.

35 Horsepower motor
Underslung rear springs
High tension magneto ignition
$33^{\prime \prime}$ x $4^{\prime \prime}$ tires; non-skid in rear
5-Bearing Crankshaft
Demountable rims; with one extra
Thermo-syphon cooling
The Willys-Overland of Canada, Limited, Hamilton, Ont



The a Line on
Buckeye
at the Fair
$Y_{\text {wonderful }}^{\text {OU' ditch dige thing }}$ machine. You've read about the money it has made and saved for farmers. But perhaps
you'ven ever sen. the machine
itself in operation. You should. and here's your chance.

## BUCTKFLF <br> TRACTION DITCHER

A perfect trench at ono out at the Canadian National Exhi-
bition Toronto, Aug. 28 to Sept.
i. bition Toronto, Aug. 28 to sept.
13. A Buckeye representative will show how simply and easily
the Buckeye operates and will demonstrate
actual work.
Put your raranage problems up to this
mant in charge of our extibit. QLet him
tall tell you how to solve them with the
Buckeve. He will show vou'how voun
 ditch diay and onaket wom for your
aeighboring farmers.
Get the Buckeye Book of Facts ,
at the foalr or ditrect from us.
The Buckeye Traction Ditcher Company
Findlay, Ohio
Builders also of Buckeye Open
Ditcthers and Buckeye Gas
Ensines for Farm use Engines for Farme use


Questions and Answers
Quiscellaneous.
Book on Gardening.
Do you know of a book on market
gardening in Canada? If so, kindly gardening in Canada? If so, kindly
give address of firm or publishing-house
where it may be procured. givere it may be procured.
Ans.-At
any book on. market gardening published
in Canada dealing particularly in Canada dealing particularly with
Canaadian conditions. Gren's Vegetable
Ginder Camadian conditions. Green s Vegetable
Gardening, or Watts' Vegetable Garden-
ing, may be procured through this office ing, may be procured through this ofice,
but they are published in the United
States. A bulletin compiled by S. States. A bulletin compiled by S. S.
Johmston, and published by the Ontario
Deparmen Departmen of Aline of gardening, and may be pro-
this line
ured free of charge by requesting same cured free of charge by
from the Department. I have a 2 -year-old heifer, in call, which
have a two-year-old heifer, in calf, which has a hard lump on her right jaw
has been there about five months.
sometimes has sometimes has a little cough, but is in
very good condition. Please give me a very good
sure remedy
Ans.-This is lump jaw. Give the
heifer iodide of potassium three tiracs
daily daily, commencing with one-dram doses,
and increasing the dose by ome-halt dram daily until iodism is producerd all of the following: Water rumning
from eyes and mouth, refusal of food from eyes and mouth, refusal of lood
and water, or the skin becoming scrufly
Win marked, discontinue the treatment well three or four weeks, after which it may
be repeated if necessary. This cannot be guaranteed as a sure cure, but is the
most effective one known. Changing Seed-Treating Grain for 1. If oats or barley be proporly
cleaned for seed and used constantly on
the same soil for twelve or fifteen years the same soil for twelve or fifteen years
should they yield as well as though seed had been changed in the meantime? 2. Will it cause grain to: produce mur
by changing from clay to sandy soil, or 3. If a field is slightly infected with
smut, would it be better to get graiia
from fhe grain ?
$\qquad$
$\qquad$ if grain of any one variety is selected
properly each year, that an increase
stead stead of a decrease in yield may be oi-
tained under the same climatic and suil conditions. It appears natural for grain
to 'run out,"' and if changed to a dif-
ferent soil ferent soil and different conditions, some-
times a difference in yield is noticed, hut
the theory that "run out", varieties wit be renewed by changing them to differeut
soils is 2. This question is partly answered in quite as good yield from the sandy land,
not on account of the change, but owin,
to the nature of the soill Clay siils
are usually stronger than and if the seed be selected with care, the
matter of changing from one type of suil
another need not 3. It matters not what kind of a tield
the seed is selected from, it should treated for selected from, it should

$\qquad$
$\qquad$

| be sown. This treatment just explained <br> is for stinking |
| :---: |
|  |  |


shoveling and sprinkling every urain a
last becomes mivistened, after which the the
piles are covered with sacking and i,fit
for three or four hours. At the end of
this

"-a genuine Fairbanks-Morse-
full 5 horse power-and it costs $\$ 150$ f. o. b. their factory, Toronto.'
"Why Bill paid only $\$ 140$ for his Rattler.' "Yes, and he paid $\$ 25$ for repairs. Also he will pay a lot more before he is through.
It isn't the first cost, Jim, that determines It isn't the first cost, Jim, that determines
what you pay for an engine, you've also got to what you pay for an engine, you've also got to
consider the after cost. With a cheap engine this usually means paying for it two or three times. Now Tom has had his F.-M. Enginefor seven years and his total repair bill was 9 cents -5 cents for an ignitor spring and 4 cents for two ignitor gaskets.'
"Some record that, why !Bill's Rattler-"
"Tell Bill to scrap his Rattler. You get an F.-M., Jim. Write for their booklet, 'Power on the Farm.' It's worth reading and tells you all about it. Then come over and watch me save time and make money. Some day you'll thank me for the tip. You can get the book by addressing-"

36 Fairbanks-Morse Bldg., any_branch]
The Canadian Fairbanks-Morse
Company Limited
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ST. JOHN
ottaw
QUEbed
CANADA'S
CANA $\begin{aligned} & \text { ORPARTEMTA } \\ & \text { HOUSE FOR }\end{aligned}$
WINNIPEG


Clydesdalles That Are Clydesdales
 SMITH \& RICHARDSON, COLUMBUS, ONTARIO CLYDESDALES
Percheron Stallion



iUGUST 19, 1915
Horse Owners! Use


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1333
Questions and Answers.


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Goodyear Fortified Tires, five costly defenses that no other tire has.
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only one-the tagainst
ond er Tread-can be seen by casual observation. The sour oby chesual exta
protections are hidden from vier protections are hidden from view.
In a p port tire, skimping likewise goes inseen.

| is enormous. |  | bring gr |
| :---: | :---: | :---: |
|  |  | $\substack{\text { freeam } \\ \text { troubles }}_{\text {fr }}^{\text {a }}$ |
|  |  |  |
| de some |  |  |
|  | rtified Tires |  |
|  | did or Smooth |  |

The Goodyear Tire \& Rubber Co. of Canada, Limited Head Office, Toronto, Ontario

Factory, Bowmanville, Ontari
Escana Farm Shorthorns
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 These are a thick, meliow, well-bred lot. Heifers from calves upolumbus, ontario
WM. SMITH
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"THE FARMER'S ADVOCATE" London, Ont
SHORTHORNS
Sticn
 Stewart M. Graham - Lindsay, Ont
Oakland-61 Shorthorns
 oners rom 0 montha to 2 yea
lid and a oozen females of the Jno. Elder \& Sons, Hensall, Ontario
Spring Valley Shorthorns


## SHORTHORNS










The Potato potato,
lar mem
Next to Next to wheat, its in ovtrinatice king iolom its aggregate value, is the highest
all the toodstufls. In 1914, the po toes produced in Canada amounted in
quantity to $85,672,000$ bushels, and in value to $\$ 41,598,000$. This statement portant place that the potato holds. In
Ireland, when the potato crop failed the people starved,, and the rest of the Eng-
lish - speaking world telt lish - speak
send
seliee
senn reliee
tent oop
its divers its diverse corritory, its wiverse soil, and have to go through a simillar eny to ence; but it is not alone the welfare of
our own domain that we mate sider in these matters, but the domand
that is likely to arise elsewhere, a domand that has to be satisfeed, and a demand that means gold to the
that possesses the wherewithal.
A pamphlet of the Publications Branch
 mere trouble of asking, deals in a com-
plete and comprehensive manner with the pute and comprenensive manner with the
subject. The
Dominion
Horticulturist. subject. The Dominion Hortculturst,
w. T. Macoun, states that at the Central Experimental Farm one varlety
yielded 700 bushels, and another variety
 it is to know the variety best suited to the soil. It is also shown that it pays
to import seed trom cooler to warmer climates. Some of the most reliable
early varieties, Irish Cobbler, Rochester Rose and Early
Ohio, and of mediun Ohio, and of medium or later varietios,
he gives the preference to Cole 1, Gold Coin, preference to Carman No.
tain and
 It would perhaps be as well to give in
briet a few the pamphlet for the best cultivation ot
the potato the potato
Sprouting
Sprouting before planting should
avoided by keeping in a cool cellar. The best results are obtained by plan
ing the sets immediately after ing the sets immediately arter cutting.
If disease is discernable sol hours in one pound of formalin tor thiree
imperial gallons of water. Marketable tubers so as to have at
least three eyes to a piece, are the best least three eyee to a piece, are the best
kind to set. The most suitabie soil is a rich, deep,
triable, warm, sandy loam, with The more thoroughly the soil is pre Delay planting as nearly wa bos to within a week of the last frost.
Plant the sets four to five inches do for the main crop, and twelve to dour
teen inches apart in rows two and one
hall fehe As a rule, the crop will increase
proportion to the number
pat potatoes are cultivated during the grow
ing season. Protect the tops from injury.
Eight to twelve ounces of Pari
 Use Bordeau mixture to control early
and late blight. Thre three to four spray
ings will be reenuired
Bordeaux mixture is made in the pr,
portion of six pounds bluestone and fou
pounds of lime

Questions and Answers Miscellaneous.

Principal of Veterinary College Kindly, kive the name of the princip.
thio ovinarich Vetarinars.

## You Need a Silo

Every Farmer who Feeds Dairy Cows, Beef Cattle or Sheep can save the Price of a Good Silo Every year by Feeding Silage

NEXT winter when dairy products are bringing the best prices and your cows are have only dry feed you will realize how much you need a silo,
Why not put the silo up now? You still have plenty of time and when.you bear in mind that the silo will actually pay for itself before the first year you can easily affor cows, beef cattle or sheep can afford Ask Ask any man who is feeding is one of the best investments he ever made. It cuts down his feed ing costs, increases his profits his tock thrive better and there is less work.
Let us have your order now for an Ideal Green Feed Silo. We can
 it in plenty of time to have it erected erected and ready for filling Ask for prices, terms and complete information regardou cannot buy as good a silo for less money and no matter how much you pay you will not get a better

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Our Herd consists of the following families: orane sime Beauty,Missie;Broadhooks, Rosebud, Secret,Victoria, Cecilia, and is headed
Sylvian Power
Burnbre Sultan Bandsman Commander Broad A. F. \& G. AULD, R. R. No. 2, GUELPH, ONT.

Maple Shade Shropshires I few shearling rams and ram lambs are for sale. They are the right kind and out
of imported ewes and sired by an imported "Buttar" ram. You may orter any WILL A. DRYDEN, Brooklin, Ontario
Robt. Miller Still Pays The Freight
 ontario
Northlynd R. O, P. Shorthorns and Jerseys

## Shorthorns

E. Morden \& Son, Oakville, Onaril




Willow Bank Stock Farm Shorthornn and 1 Litonen


Highest C Prices pai

教 <br> <br> <br> <br> <br> <br> <br> <br> <br> <br>  rthorns and Jerseys

 Morden \& Son, Oakville, Ontario
 arrington Major (IIpp.). 9 gry
Young cows and heifers for ale.
 rrm Shorthorns and Lelcester Sint ot of Leicester sheep of either sex; soment fon es Douglas, Calledonia, Ont <br> <br> <br> <br> <br> <br> <br> <br> <br> <br>  la, one from a $29-1 \mathrm{lb}$. cow and
sired by a son of Pontiac KornR. M. Holtby, R. R. 4, Port Perry, ont
Themer The Maples Holstein Herd
Ofers bull calves from sisters of Calamity Snow
Mechthilde, at 2 vears 15 .

 idgedale hol.

 AYRSHIRE COWS WANTED GORDON LAMB, R.R. 4, Goderich, Ontario <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> Grass for Silage B. H. BULL \& SON BRAMPTON, ONTARIO <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br>  <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> holding up their milk. Where this be
comes established they generally prov <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br>  WM. A. RIF ${ }^{\text {B }}$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> $\qquad$ <br> <br> <br> <br> <br> <br> <br> <br> <br> <br> Stonehouse Ayrshires $\begin{gathered}\text { Are a combination of show-yard and utility } \\ \text { thpe seldom see in } \\ \text { chice }\end{gathered}$ Hector Gordon, Howick, Que. White ooung males and femanes tor sale
 AYRSHIRES F. H. Harris, Mt. Elgin, $\begin{gathered}\text { oxford } \\ \text { ontario. }\end{gathered}$.,
 <br> <br> <br> <br> <br> <br> <br> <br> <br> <br>  James Benning, Williamstown, Ont.

 at least during the day, and give then
cut grassion Also give them a litto
cuto Chopped oats with the hulls sitted out.

There is some mistake about the man| skin. There must have been some raw |
| :--- |
| surfaces upon which the fies deposited | their eggs, or else the diarrhea lasta,

longer than you think, and the shin
around the anus became inflamed and
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Oxford Down Sheep



ulioway lodgel stocic farm Angus, Southdowns, Collies

## Fowlxslaimes

 ROBT: McEWEN, Byron, OntIMPR OVED

## Yorkshires

being bred, also a few choice pigs both sexes, 12 weeks old only , ond
few left)A All will be rexistered.

WELDWOOD FARM FARMER'S ADVOCATE

Morriston TAMWORTHS \& SHORTHORNS Bred from the prize winning herds of England
Boars and sows all ages 150 head oto choose from
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 IMPROVED YORKSSHIRES-Overstocked. We


Tamworths Yanas sub bat of bay Before buying write for priaes
JoHN W. ToDD, R. R. No. 1, Corinth, Ont Poland China ${ }_{\text {Swine }}^{\text {and }}$ Chester Choice stock $\underset{\text { Wht }}{\text { W }}$ ny age, ei
Prices easy.
$\qquad$
Chester White Swine Champion herd at foth sexes for sale. Elmfield Yorkshires A fort, Ontario为
$\qquad$
CLEARVIEW CHESTER WHITES
For many years my Herd has won the highest
honors at Toroto London, Otuan and Gulolph
For sale are both sexes of any desired age bred

## Tamworths

Herbert German, St. George, Ontario



THE FARMER'S ADVOCATE.
Questions and Answers.
Miscellaneous.
Line Fence A and B own a farm each, along sit
each other. A keeps a flock of she and B has none. Has B to keep up a
line fence to keep $A$ 's sheep out of his crop, or thas $s_{j}$ to look after his own
sheep? sheep ?
Ans.-Unless it is in a wooded section, line tence. Referining to the question asked in you
paper re cement wall for house. paper re cement wall for house.
buitt a kitchen wall in this way, an
lathed and plastered it. and it is al right. We plastered on the outside with
cement with a little time lett color. and blocked and marked with
white. It looks well. of the house was brick of poor quality, of same outside dressing, $\%$ inch deen
blocked and lined. Subsoiling.

## 

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$\qquad$ suggest that your columns. We woul to some of out
advertiss who mantacture other line
oi arriculturno
be able to give you the desired informat
tion, and possibly the necessary plo
parts.
Heifer With Calf.

1 have a young Holstein heifer
$\qquad$
Fire! ! !
Lightning


## EXHIBITION

| \$25,000 | OTTAW A |  |
| :---: | :---: | :---: |
| 10,000 | Sep | ${ }^{\text {ampme }}$ |

REIGHT PAID on exhibits of live stock from Ontario and Oueben

New \$5,000 Dominion Government Grant All added to premiums for utility classes of horses, cattle, sheep, swine and
poultry. Unprecedented upward revision of Prize List ENTRIES CLOSE SEPTEMBER 3rd
This Exhibition is unsurpassed for shows of animals and poultry. Nem Elt Fry Forms, Proctamme of attrect E. McMAHON, Manager, 26 Sparks St., Ottawa

CANADIAN POTATO DIGGER


Forster Farm Dorsets
 Forster Farm, - Oakville, Ont.


Farnham Farm Oxford and Hampshire Downs




Shropshires and Cotswolds for sale Varting ransi) and yorims soad Sity

DUROG JERSEY SWINE, JERSEY CATTLE
 MAC. CAMPBELL \& SONS high in producing blood. - NORTHWOOD, ONT.

 A. A. COLWILL, NEWCASTLE, ONTARIO
es, recently dropp
BERKSHIRE hair ferumpT LARGE ENGLISH BERTSHIRES

Sunnybrook Yorkshires and Shropshires

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The "Little Giant" Emery Grinder
PRESTON SHINGLES ACORN IR

Buildings
:ompany, Limited, Preston

JTATO DIGGER
SAVE HALF



## arm Dorsets


Oakville, Ont.

## rd and Hamphire Downas



TRRoute EMEL GEL
 John MLILERR. Claremont: Ont JERSEY CATTLE


ORTHWOOD, ONT.
 dy

Telephoon GLISH BERKSHIRES


and Shropshires


## CRAND TRUNK RAILWAY

Harvest Help Excursions \$12 TO WINNIPEG
August 19 and 26
From stations Kingston and Renfrew and
East in Ontario and Ouebec.
August 21 and 26 From stations Toronto to North Bay, in-
clusive, and liusive, and East, but not including
Kingston, Renfrew or East thereof.

August 24 and 28 From stations in Ontario North and West
of Toronto but not including line Toronto of Toronto but not including line Toronto
to North Bay. For particulars as to tickets West of Wininieat, etc., apply to any Grand Trunk
Ticket Agent.

A Gold Mine on Your Farm
 BISSELL SILO


THE FARMER'S ADVOCATE

Average of 55 lbs Honey Per Colony
 ported where berries were allowed t
waste, and sixty pounds of homey nur chased to save the expense of picking
and oanning the berries. The pricus recommended by the Committee are a
Collows : No. 1, light, extracted, wholesale, 10 c .
to 11 l c. per lb. No. 1, light, extracted, retail, 12 zc
to 15 c . per l l.b. omb, wholesale, $\$ 2$ to $\$ 2.75$ comb, wholesale, $\$ 1.50$ to $\$ 2$ per dozen.
These prices are f. o. b. in 60 ll ., $10-1$
lb. and $5-\mathrm{lb}$. tins; the tormer being net weight with the tin thrown in, the two latter being gross weight. The difirer-
ence in time and trouble of filling the
the smat ting etbout equabizze the price. In selling to the wholesaie merohant, the
lowest wholesale price ehould te askedi, while the retail grocer should pay the whighes wholesale price. The retail price
ho the customer might vary according
to to the customer might vary according
to the quantity he takes in any one purto the quantity he takes in any one pur-
chase, and whether he supplies his own package. duction of munitions of war for both
Canada and the Empire in which not even the surglestion of graft can be asso-
ciated. That industry is in connection ?with the production of wheat. When the tions engaged asked about their food
supply. Britain naturally turned Canada, and the wheat producers in the
farmers of Western Canada have nut failed. The wheat will te sold to Britain in the open market at Britain' prices. But the sincerest expression if
patriotism and loyalty is the gift of an patriotism and loyalty is the gitt of an
acre of wheat from each farm that the
acren acre of wheat from each farm Chat are
organized farmers of Western Canada are
preparing to pive to Britain when the preparing to give to Britain when the
crop is harvested. Behind the plow and driving the binder the men on the farms
of Western Canada are doing as great a of Western Camada are doing as great a
service for the Empire at this time as
the service for the Empire at this tme
the men in Britain's factories turning
ut war supplies. This donation con

## Wayne Steel Tanks


useful on every farm. They have many advantages over cement and wooden structures for convenience and durability, and being easily oved from place to place, as use may require. All sizes
and moderate in price. If your dealer does not handle ad moderate in price. If your dealer does not handl
the WAYNE, let us hear from you direct. WAYNE OIL TANK \& PUMP COMPANY, LIMITED WOODSTOCK, ONTARIO

## Sunnybrook Holsteins

Tuesday, August 3I, IOI 5, four o'clock p.m. Our entire herd of Pure Bred Holotein Friesian Cattle will go to the other fellows at their
prices. They will get good value whether we do or not. prices, of them are good young males, nearly ready for service; Sired by Segis. Prilly Veeman

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There will also be bix extra good young horses onde a quantity of hay and oats sold. Train arrives at nom non from Woodstock, Ingersoll and Tulsonburg, connecting with all East
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Improved Concrete Machinery
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