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## EDITORIAL.

Keep the plow going daily.
He who plans best farms best.
Be patriotic-be a true Canadian.
If in need of extra winter feed, buy early.
Pork is dear, but so is feed. Feed carefully.
Read the accoannt of the corn experiment in this issue.

Do not forget the farm when planning careers for the boys.

If you must cut down the stock cull carefully. Keep the best.

Winter will be along in about six weeks. Will the stable be ready?

A flock of hens without a hen-house is generally a neglected nuisance.
Four Zeppelins dropped in England within a month. The trip is not as safe as it was.

Keep the hired man and keep the stock rather than sell the stock and "sack" the man.

Organize for a profitable winter. Start the Farmers' Club or literary society early this fall.

England's live stock has increased since the war began; Canada's has decreased. Buck up Canada!

No farmer can afford to feed stock and poultry No farmer can afford to feed stock and
vermin at the present price of all kinds of feed. Clean up.

There are rumors of an election coming next spring. Do not forget that you are an independent Canadian voter.

If the average farmer could see half as much in farming as the average city man does, what a difference there would be!

Boarder cows will be more expensive than ever this winter. Make them prove in advance that they can pay their way.

It is not hard to figure out what is received for a crop, but it is a different proposition when it comes to estimating the cost of a crop.
It is too bad more of the country-bred city leaders could not have exercised their ability toward the promotion of agriculture and country affairs.

School Fairs are accomplishing two things at least: children are learning to speak in public, and weednaming contests are making them familiar with Ontario's noxious weeds.

Judging by the difference in price of potatoes in the Maritime Provinces and in Ontario, it costs considcrable to transport them here. When the confumer in London was paying from $\$ 2$ to $\$ 2.20$ per bushel for tubers they were selling at 40 to 65 cents per bushel in P. E. I. and New Brunswick.

LONDON, ONTARIO, OCTOBER 12, 1916.

## Organize-Co-Operate.

Fall and winter are the best times of the year for farmers to get together and organize their efforts so that they may reap greater benefits from the work of production and marketing of farm products. Students of politica! economy are agreed that unless agriculture is organized, first locally, and then provincially or country-wide, farmers cannot reap the net returns which should be theirs. Without organization the producer must always be more or less at the mercy of the man who handles his goods on the the mercy of the man who handles his goods on the
way to the consumer. Many instances of the value way to the consumer. Many instances of the value
of standing together can be cited by most of those who have followed the ups and downs of agriculture through the past decade. When it costs the manufacturer more to produce his goods he immediately charges more for them and generally adds an extra percentage profit, but when the cost of producing milk on the farm runs up rapidly what chance has the dairyman to increase the price unless the milk producers in the area affected stand together-which means organization. When fruit is plentiful who has the least trouble in disposing of his crop, and who gets the highest price? Every time it is the member of a growing fruit growers' organization. There is nothing to hinder farmers who feed pigs, lambs and cattle to hinder farmers who feed pigs, lambs and cattle
on a small scale from getting together on the marketing end of the business at least, and also, possibly, in the purchase of feed. Through a Farmers' Club or local society or organization a saving might be effected in the marketing of the stock as well as in. the feed. There is no department of farm work which cannot be benefited through the proper kind of organization, and now is the time to start and to push this essential to the greatest suiccess in Canadian agriculture. The long fall and winter evenings afford an opportunity for meetings at which these matters may be discussed and action taken. Decide to start and to start right, and eventually something big may grow out of all the local organizations scattered here and there over the country.

## A Duty to the Boy.

Sorneone has estimated that eighty-five per cent of America's great or eminently sticcessful city men were born in the country. Whether this is an entirely correct estimate or not we are not prepared to state, but it is nevertheless a fact known to all that a very large proportion of the few men who go to the top in city business were born ori the farm. We sometimes wonder how many of these would have been great successes had they remained in the country and put the same thought and energy into scientific agriculture that they have into their chosen walks of life. Surely some could have been made into good farmers and satisfied farmers. It would be a pity to spoil a good storekeeper, a hustling manufacturer, a successful physician or an eminent professor by making a second or third-rate farmer of him, but the fact which stands out is that all these men have been wooed away or driven from the farm and few really great farmers are known. The pity of it all is that the basic industry of this continent is not considered of sufficient importance to attract the great men in their earlier days to make it a life-work. True, in their earlier days to make it a inf-work, after they have amassed a fortune in other business, they like to play at farming. Their return to the farm is generally to make the farm a "sink-hole" for some of their surplus wealth. They make it a "hobby."

When one stops to think of it agriculture can ill afford to lose all the leaders. It is all very fine to talk of the way men born on the farm-strengthen city industry, and how the men and women from the
land keep the race strong and virile, but has it not been carried a little too far? Very good use could be made of the brains and ability of more teaders in the field of practical agriculture. Can the farm afford to lose so many? How can a change be brought about? It is the duty of every parent to give the best he can to his children as a start in life. They should be encouraged. in whatever. calling for which they show special aptitude. But why forget the farm? Too often farming is painted a rather dull picture for the boy, while education and trades are held up as the ideal occupations. Education is all right and every boy should get all he cah. No one has too much of it to farm. But why not put the best side of farm life forward to the boy anid then, it he decides on a city occupation, do not stand in his way. Give the farm a fair show with the other futures for the bright boy, and perhape a few great men will grow up on and stay with the farm. Agriculture is a calling worthy of the best brains of the country.

## Can You Splice a Rope?

We recently read twenty-four extracts from reports sent to the Assistant Deputy Miniter of Agriculture for the Province by a number of District Representatives in the various counties. Here is one of them: "When out one day I ran across a man who hem: When out one day iran across a man who had his horse-fork rope broken and was endeavoring to splice it. Having somie littte experience tin property splicing ropes, I did the work for him. He was evidently quite pleased, as he said he would see that I gave a rope-splicing demonstration at .their Farmers' Club next winter," After reading the foregoing, we began to wonder where the Representative learned wo splice a rope, and decided that it certainly was No crainiy was not at the Agricultural College. Now the question is, why shouldn't farmers' sons, in fact all those who seek their diploma or degree from the Agricultural College, be taught how to spitice a rope and how to do mueh other just such necessary farm work, which many of them never have had an opportunity to learn at home and should know before they go out to aid in the adand shout of Camaion amrienteure. We often wonder of the wonder what percentage of the graduates of the Ontario Agricultural College, who go back to the farm, or seek other employment, could splice a hay-fork rope if necessity arose. We know that only a small percentage of the practical farmers in this country can do it, and we know also that the college-trained men who can, learned the trick in practical work on the farm or elsewhere and not in the mechanical laboratory at the College. We are not seeking to criticise, but Ontario is getting a new agricultural school at the present time, and it would be a fine thing, especially for the two-year men who take the course, both there and at Guelph, if they were taught how to do well several of these odd jobs which turn up from time to time around a farm, and splicing a up from time to time around a larm, and splicing a hay-fork rope is a very common oneß We venture to say that this District Representative will get closer to the hearts of the farmers belonging to the Club, which he mentioned, by being able to show them how to splice a rope, than he woild by two solid days' lecturing on how to farm, unless he could show something practical to back up what he said. Whew something practical to him by the splicing proWhen he has won them to him by
cess, he will then be in a much better position to imcess, he will then be in a much better poition to impart to them his advanced knowledge of agriculture and they will be in a more receptive mood. The writer remembers putting in a few weeks of some of the best work he ever did, helping men who were new to the fruit-tree spraying business over some of the little hard places in connection with their spraying operations. The big box of tools which he carried, not only aided in repairing pumps and tanks but

We expect them to turn on the light, and the pen will attempt to do the rest. Previous to the of writing the grower has been receiving sixty cents and less for an article which has retailed $\$ 2.00$ and, in some instances, as high as $\$ 2.20$. The are surely some dark corners in the potato mark Mr. Biron would probably call them "Trusts,"

## Nature's Diary.

One of A. B. Klugh, M.A.
Otter. This animal is really a big is the Canadio about forty inches in length; weighing about eighse pounds, with a heavy coat of dark-brown fur and thick layer of fat under the skin. Its range original included the whole of the Dominion, from coo to coast and as far north as the Arctic circle, but 7 cause of the high price which its fur commands many other parts of its range. and is scarce eminently aquatic, as a swimmer and diver no is pri or bird is its equal, and by its swift progress an sudden turnings under water it is able to out-manoures even the lightning-swift trout and salmoncerv. long distances it can swim at the rate of over miles an hour, and it can swim a quarter of a mil under water without coming to the surface to breathe Though most at home in the water it is a good travelle on land, and in winter takes long journeys in searc travelling in the winter it bounds is unfrozen. Whe tance and then throws itself forward for some dis feet folded backwards and slides through the its fron a distance of several yards, thus making a very charar teristic trail. The main food of the Otter consicti of fish, though crayfish, frogs, clams, muskrats ani water-fowl are also found on its menu. The Otter mates in February, and the young, which are usuall from one to three in number, are born in the middl usually at the bottom made of grass and leaves stream, but sometimes in the bottom the bank of a stream, but sometimes in the bottom of a hollow
standing tree or in a hollow log with the mother until December, by which remain are full grown
about much fictitious nonsense has been written about the ways in which animals train their young that we have to be extremely careful as to what statements we accept regarding such performances. There seems to be, however, plenty of good, sound evidence that the mother Otter does teach her young to swim, of the young says, "It Seton, writing of this training forms retaining primitive habits the very ancient forms retaining primitive habits the young need cubator duck will take to the water or snap at a fly when a day old. On the other hand, those animals with highly specialized habits are slow to learn, and need some sort of stimulus. The young harit or weasel speedily learns to seize a bird, but the young
Osprey and Otter Osprey and Otter have departed farther from the ancient way and are more in need of teaching. of the parents depends on our definition the part termis." An interesting fact which supports these idea of training is that young Otters raised in captivity and then set free do not seek their food in the water but on land after the manner of a weasel, and only after a long time do they seem to find out that they are fitted for an aquatic life
But the most interesting
with the Otter interesting trait of all in connection in the slope down into a riverganing. Where steep banks slides, in the summer in or lake these animals make the snow. They climb up the bank and slide down these chutes into the water, one after another, in rapid succession. They never indulge in this sport alone, and as a rule it is a family, either a mother with two or three young, or two adults sometime with two or three young, which are observed thus engaged. On this point Audubon and Bachman diversion One Otters ascend a bank suitable for thei steep, so that sometimes, where the slope is ver teep, sain the top; they obliged to make quite an effor where there are many st a sliding rapid succession ccasion when resting ourselves on the bank of Canoe Creek, which empties into the Ohio, a pair of Otter made their appearance and, not observing our proximity, began to enjoy their sliding pastime. They glided down the soapy-like, muddy surface of and we with the rapidity of an arrow from a bow, and we counted each one making twenty-two slides Godman, quoted by their sportive occupation. slides in winter, says, "In the summer this to their is obtained by selecting a spot where the aumsemenk is sloping, has a clayey soil and the water at its base s of a comfortable depth. The Otters then remove from the surface, for the breadth of several feet the sticks, stones, roots and other obstructions, and render the surface as level as possible: After a few
slides and plunges the surface ery smooth and the surface of the clay becomes of the sliders shows how, and the rapid succession lighted by the game." Play is indulged in by the young of most of the higher animals, but the Otter is the only animal of which we have any knowledge old and young organiz pastime which is enjoyed by
actual value it would be to them in knowing how do the work but because of the weight it would carry
and the easier it would make ap. opportunities to impart the scientific knowledge gained at the college. While thinking it over, what percentage of the agricultural college graduates can splice a rope, something that sooner or later is neces
sary on every farm? It is not necessary nor yet sary on every farm? It is not necessary nor yet
advisable that argicultural colleges teach boys to
plow and sow or to reap and to mow. They should

## opened the way to a little talk on the reasons fo

 spraying, and the insects and fungous diseases destroyed thereby, the whole taking place right in the orchard explained as an object lesson trees, and the pest of farming is intricate, and it is necessary to master it in order to most successfully apply scientific knowledge. Men who go through an agricultural college, and those who have gone through realize that this is right, require to know first, last and all the time, thoroughly and well, the practical end of farming, they may be called upon to do, and particularly if that work is on a farm or in a District Representa tive office, or in an agricultural newspaper office, or in some other line in which the graduate is con-tinually rubbing shoulders with the farmer and tinually rubbing shoulders with the farmer and working in his interests, when they know all the little
ins and outs of the practical side of agriculture, and particularly that part which we might call farm mechanics. Splicing a rope, putting a spray pump in working order when the valves have stuck and the new beginner does not know why it will not work, binder, making rope-halters, tying the various kinds of knots required in farm practice, lacing belts, and dozens of other little things which crop up on the tural schools and colleges to the benefit of all the students.

There may be a hint in this for the agricultural schools and colleges. It is not meant as a criticism of an already good course, but we believe there is something in the suggestion and that it would pay to teach the students how to do a number of these

## The Farm Chunk.

We have many times advised farmer horsemen to stick to the heavy draft horse as the best all-round proposition so far as his horse-breeding efforts are
concerned. Weight has been emphasized time and again, and it has been the belief of many in close touch with horse breeding in this country that the heavier the animals were the better, provided quality was not lost. Quite recently we heard criticisms of the present-day Clydesdale as being a little to fine in the bone and not showing sufficient weight and constitution. We had all our theories upset not long since by a practical farmer who was watching the judging of a class for horses 1,400 pounds and under
at the Western Fair. There were some good teams in this class, and one particularly outstanding pair The farmer remarked that these were just the righ kind of a farm team; not too big nor yet too small and a pair that would require much less feed than a team which would weigh two or three hundred pounds per horse heavier. They were a good pair of farm Now the question comes up: Is it a fact that the farmer can use a team of horses weighing thirteen or fourteen hundred pounds each to better advantage doubt but that they can be fed more cheaply in vided they are the thick kind of easy-feeding horses and for considerable of the farm work, practically all of it, they will do just as much as the heavier horses. They are easier on themselves on the road they will make better time, and for the lighter work such as harrowing, shallow plowing, corn cultivation, the heavier horse a little. On the other hand the heavy drafter, up to a good weight, is a better horse on the heavy work, such as deep plowing with a twofurrowed plow, cultivating with the spring-tooth But where the heavy drafter has the greatest advantage over the farm chunk is in breeding. As a general thing it pays the farmer better to keep a large percentage of mares to do his farm work. With the mare he has two chances. If anything goes wrong
with her she may still be valuable as a breeder, and

THE FARMER'S ADVOCATE.
anyway she should do a fair share of the farm work and still raise a colt. The question is: Which is the more valuable a colt from a heavy draft mare, weighing say 1,600 pounds, or one from the handy farm mare, weighing say 1,300 pounds? We have always advised farmers to breed the heavy draft mare because market quotations have shown thatity steadiest and keenest demand, and generally brought highest prices. In the past the surplus of farm horses has been used for heavy hauling in the cities, and for this heavy hauling nothing but the biggest of drafters can command the highest prices. It seems to do the work and to use them for breeding purposes, than to trifle with the lighter mare. As a general thing, breeders get enough of the smaller kind, even from matings of the heavy horses.


Ruby Jen (imp.)

## Chate Ciydesdale mare attawa for R. Ness \& Son, Howick, Que.

Some horsemen in England are boosting what they call a light, heavy draft horse at the present time, claiming that the Shire-Clydesdales are too big, heavy and slow. These men are urging a lighter, more active horse, a sort of general utility animal. Those who advocate the breeding of such an animat are finding opposition from the Shire and Clydes
still believe that weight is important.
Speed counts considerably in this country, and the average farmer likes a horse that can get over the ground. He wants a smart walker, but the gait o the horse, or at least the speed at which he walks is largely established through training in his early years. We will agree that a thirteen or fourteen-hundred-pound farm chunk is a very handy animal and no one would blame a farmer for favoring this type to do his farm work, but until such time as these lighter horses are in as keen demand as the farm horse, taking breeding value into consideration, they are as profitable as the heavy drafter. They are nice to work and easy to feed, but do they pay as well in the long run? Discussion is invited.


Yorkshire Sow.
First prize in class over 12 and under 18 months at Toronto and

## Horse Stock of the United

 Kingdom.Figures recently published in the Live Stock Journal ing stock so severely since the war began as was at first stock Compared with figures collected just befor the war, the horse stock of the United Kingdom shows a decrease of only 39,977 , and the figure are still 69,695 in excess of the ten-year average 1905 to 1914. As compared with last year, the Unite Kingdom's horse stock has increased by no fewe than 72,390 head, a recovery of nearly two-thirds
in every classification but largest in those used tor agriculture. These figures are very satisfactory inrecuperation could have been possible this year.

## LIVE STOCK.

## The Outlook for Feed From the West.

The following letter from a Western Canada farmer who is in touch with the grain situation, will be read with interest by those who contemplate purchasing feed from the West this winter.
"Threshing returns are showing yields of wheat
all the way from 40 bushels down. The average yield in Manitoba of the area threshed will probably be a large percentage of this will be peed wheat. There will be more feed wheat threshed in Manitoba than Alberta. "In Saskatchewan the crop is very spotted, some
splendid fields being harspiendid fieids being har-
vested as well as some very poor stuff. There will be considerable feed wheat in Saskatchewan. In Alberta the crop is generally good, and there will be little feed wheat shipped from this province.

There is a factor, however, in regard to feed wheat that must be taken into consideration, and this is at over one dollar at Fort William for number 1 feed, and even very poor samples equoted around 90 cents.
The oat and barley ops are lighter than anticipated, and none too good for these grains, you will notice by market reports are also very high. There is certainly plenty of feed wheat in the country but a scarcity of milling wheat here and in the States, but some of this feed wheat will no doubt be used for milling purposes In a letter from the chiar grain inspector he saic would probably indicate that Oour European Allies are wsing this feed wheat for a coarse flour.

## English Live Stock News.

Editor "The Farmer's Advocate"
That great dual-purpose Shorthorn cow, Darlington Cranford 21st, owned by the Rev. C. H. Brockiebank in Cambridgeshire, England, has just produced her eighth calf, a white bull to Salmon's Premier. She was bred by the late George Taylor, at Cranford Born on April 26th, 1906, she was by Sir Barrington 5th, out of Darling 4th, a thousand-galion cow 21st, then a three-year-old heifer, with her first calf at 21st, then a three-year-old heifer, with her irst cair as the same breeder taking her heifer calf at 30 guineas the then went on tour and won at a-lot of show and took highest honors by carrying off the dairy Shorthorn championship at the Royal Show at Liver pool. In that year she gave over 800 gallons of milk and at the time was about as perfect a specimen of dairy cow as one couid wish co shat udder, and a perfect with a great frame, short legs, grand udder, is a record of her produce and the prices they have made in public:

Salmon's Darling 2nd, cow, c. May 4, 1909........... 66 Salmon's Heir, bull, c. May 7, 1910.............. Salmon's Darling 5th, cow c. August 5, 1911. Salmon's Darling 6th, cow, c. June 28, 1912. Salmon's Darling 10th, cow, c. July 11, 191 Prince of Diamond, bull, c. May 9, 1915....
Total. $\qquad$
She cost the Rev. C. H. Brocklebank 200 guinea when he bought her. The 1916 "baby" should be wort quite that much

There is another boomlet in dairy Shorthorns-Dual-purpose Shorthorns I should say-in England For 45 head of pure-bred dairy Shorthorns, sold on J. L. Shirley's behalf at Bletchley on Sept. 12th, an average of $£ 849 \mathrm{~s}$. 4 d . was secured, or a total of $£ 3,801$. The cows and heifers made $£ 872 \mathrm{~s}$. 5d. apiece, and the bulls $£ 765 \mathrm{~s} .4 \mathrm{~d}$. Six heifers of Shirely's own breed ing made the praiseworthy average of $£ 1326 \mathrm{~s}$. They included Silverton Telluria, sold to Captain Buxton for 260 guineas.
at Kingh two autumn sales of Shorthorns at Kingham, held by John Thornton \& Co., trade
was rittle less than remarkable. Better lots of cattle have often been seen here, but sucha demand has never been approached. One hundred and thirty-nine head, comprising 102 females and thirty-seven bulls, averaged over 849 , and this result was obtained by
consistently level prices, only three reaching three consistently level prices, only three rea
figures, with 125 guineas as top price.
I hear there are some Americans buying Shorthorn dairy cattle in England at 225 per head. Such specimens are not going to do the breed any good for English farmers have not forgotten the fact that U. S. A. was once flooded with cheap and nasty Shire horses, which also did that breed no good on your side of the Atlantic.
A. I. Rolfour's herd of Shorthorns was sold by of stockbreeders attended from all parts of the United Kingdom, and fop price of 370 guineas was paid Kingdom, and top price of 370 guineas was paid
for the cow Goldie 32 nd , which in June won the blue ribbon (first) at Edinhurgh Agricultural Show.
The purchaser was J. J. Moubray, of Naemoor The purchaser was J. J. Moubray, of Naemoor.
Two other animals, Goldie 33rd and Rosemary's Pride, Two other animals, Goldie 33rd and Rosemary's Pride,
were sold to Senor. Casaras, of Buenos Aires ( 280 were sold to Senor Casaras, of Buenos Aires (280
guineas), and R. Cornelius, of Eastham, Cheshire, (200 guineas) respectively. The highest-priced calf brought 290 guineas. In the two-year-old heifers, Bright Jewel headed the list of buyer The Ruy C Gunther, of Kent, being the buyer. The Royal Moore. He was a bargain.

Hereford cattle to the number of 420 have been exported to U. S. A., Canada, Argentina, Rhodesia and Brazil, so far as this year has gone, and

The number of cattle exported from England in August last, i. e., 370 head, may be taken as fairly
satisfactory. They show an increase of 132 per cent. over the number sent out during the same period of the previous year. A large proportion of the exported cattle went to the United States, yet it is hardly reasonable to expect, considering the high prices realized at auction sales, that so low a general average as 5554 s . Id. per head would be the true value of the exported cattle. Although, 270 head were exported
to the United States at f 36 g . 4d., the Argentine to the United States at customer, talking thirty-nine head was the next largest customer, taking thirty-nine head, as against ninety-one in August, 1915, at an average o
61586 s .8 d ., which compares favorably with the aver age of the larger number in the previous year, i. e. ase

Sheep shipments in August were the smallest sent out during the month for the past twenty-two years, with but two exceptions. The best customer lhere at $£ 22,15 \mathrm{~s}$. 2 d ., as against 421 at $£ 16 \mathrm{0s}$. 8 d in the same month of as against 421 at $£ 16 \mathrm{Os}$. 8 d . which imported none in August, 1915 , took twenty one at f 28 11s. 5d. last month. Canada took dozen at 513 .
Sheep are making high prices everywhere. Lincoln longwool rams made wonderful figures at Fred Ward's sale at Quarrington on September 13th. One hundred head averaged $£ 3116 \mathrm{~s}$. 6 d . apiece and gave a total of $£ 3,182$ 11s., which beats raising horses (or race
horses particularly) into fits. One ram made 270 horses particulariy) into its. One ram made 270 others sold freely at 135,80 and 50 guineas each.
A good demand for yearling rams was experienced at the Chichester Southdown sheep sale. The aver-
se was $£ 123 \mathrm{~s}$. 6 d . for 258 head, compared with $\Varangle 108 \mathrm{~s}$. 10d. for 266 head last year. The top average this year was $627 \mathrm{7s}$. 6 d ., which was got by D. C.
Millen. This notable consignment of Mr. Millen's Millen. This notable consignment of Mr. Millen's
won first for the best pen of five, also third in the same won first for the best pen of five, also third in the same
class, and $h$. c. in the single ram lamb class. The class, and h . c. in the single ram lamb class. signment, and it realized 80 guineas. The Duke of Richmond ard a beautifultolk County Show.
Remarkable prices have been obtained at the ram sales in Central Scotland. Trade was booming at Lanark, and a record was set up for the black-faced breed. Seven years ago an Irish breeder got at the Lanark sale $£ 250$ for his well-known sire, St. Columba,
but this year that record price was broken by a Perthshire lady, Mrs. Watters, Glenample, who had been latterly the owner of St. Columba. The recordpriced shearling ram was bred in the Crossflatt flock,
and his sire, Claggan, was purchased by James Clark and his sire, Claggan, was purchased by James Clark
at Perth sales in 1914 for $£ 100$. The shearlings at Perth sales in 1914 for $£ 100$. The shearlings
averaged $£ 16 \mathrm{~s}$. 9d. apiece. It is a great price averaged 16 s . 9 d . apiece. It is a g prices made. In Leicester section the top price was $\mathrm{f}_{\mathrm{f} 230 \text {, and the highest average } £ 72 \text {, both made by }}$ Cameron, Westside, Brechin. The £230 sheep was bought by Robertson, Falahill, and another at $£ 200$ went to Cross, Knockdon. The Edinburgh winning sheep, which beat Royal Show winner there, went at
f100 to Butters, Masterton. The highest $£ 100$ to Butters, Masterton. The highest for half-
breds was $£ 44$. The highest for Suffolks was $£ 250$, breds was £44. The highest for
and In a sale of Suffolk sheep, held by Messrs. R Bond \& Sons at Ipswich, 54 guineas, which was top price reached for rams, was or one of J. W. Eagle's purchased price of 37 guineas. Eagle secured one of Edwin
Giles' rams. Rams from Herbert E. Smith sold up to 30 guineas. Shearling ewes from G. \P. Watkins, sold up to $£ 77 \mathrm{~s}$. 6d. each. Abbott Green's two-
shear ewes sold up to $£ 5.16 \mathrm{~s}$. The entire flock of

Lord Inchcape's was dispersed and 665 s ., ton price being given for best of the two-shears, four from sale Hoare Cadda rams, in South Brent, guineas, average $211 / 4$ guineasord, sold up to $401 / 2$ East Allington 14 guineas, nine from J. H. Cornish, $£ 2014 \mathrm{~s} .2 \mathrm{~d}$. Three Dartmoor rams from P. Luscombe \& Sons, Cornwood, made $131 / 2$ guineas to $\$ 20$, average 616 9s. 4d.
At a sale of "large" Shropshire sheep, held by Joseph Brow Wolgarstone Farm, Penkridg top figure for rams was 31 guineas, which was paic stone Farewell, out of a Wolgarstone Berry ww 7s Shropshire rams are making an average of 612 7s. 6d. in Shrewsbury market sales. Welsh ewes are making 8 s . per head more this year than they did last. Cotswold rams are freely making 21 guineas Oxford Down rams, 30 guineas; Kerry Hill rams, 13 guineas; and so on the story goes-great days for
sheepmen, high and low.


Champion Cotswold Ram.
Winner at Toronto for Geo. Mark, Little Britain.

## Silage and Roots Compared in a Nova Scotia Feed Lot.

Considerable corn is now being grown for silage purposes in Nova Scotia, and it may be of interest to readers there to know how the silage made from in feeding value with roots. At the Experimenta Farm at Kentville, N. S., during the winter 1915-16 an experiment was carried on with feeding steers, in which test silage and roots were part of the ration Readers, generally should take into consideration the fact that corn grown in the Maritime Province that it does in the southern same degree of maturity quently its feeding value will not Ontario, conse However, the growing of corn has range so high in a considerable portion of Nova Scotia, and silos have become an important factor
In the test to which we refer, 24 steers were divided into two groups of 12 each. They were dehorned and divided into uniform lots and allowed to run loose. each per day for the first six weeks, 50 pounds for the next two, 40 pounds for the next two and 30 pounds for pounds for the remaining six weeks two, and 35 The 12 steers fed on silage received 40 pounds each per day for the first six weeks, 35 pounds for the next two, 30 pounds for the next two, and 25 pounds for the was the six weeks of the period. The meal ration pound each per day for the first week, 2 rate of 1 the second week, 4 pounds for the next two weeks, 6 pounds for the next two weeks, 7 pounds for the weeks. This averaged 6.17 pounds meal per four per day for the feeding period. Ten pounds of mixed period. The succulent feed was given first whole
a.m. and on this the meal was scattered, at $4.30 \mathrm{p} . \mathrm{m}$. An equal amount was fed both and afternoon.
The grain mixture fed consisted of 200 Wheat bran; 200 pounds cottonseed meal; 100 ground oats, and 100 pounds of corn meal pound of this combination cost 1.56 cents lot of steers was fed silage, meal and hay, while
her lot roots were substituted for the silasi The following statements show clearly the

## Lot Fed on Silage.

First cost of 12 steers.
Average cost per steer.
Total cost for 12 steers.
Selling price of 12 steers.
Average selling price per steer
Average selling price
Average profit per steer

## Lot Fed on Turnips.

First cost of $\mathbf{1 2}$ steers.
Average cost per steer....
Total cost for 12 steers
Selling price of 12 steers.
Average selling price per steer
Average profit per stee.
It will be observed that throughout the dii periods of the feeding experiments roots were
more liberal quantities than the silage. It ho more liberal quantities than the silage, It ha the same feeding value, but the Kentville test that even the silage made from corn in Nova is superior to roots grown in a country very favor
to their production. The methods of feeding character of the ration, and the profits acc therefrom are all of considerable interest.
In some parts of the Maritime Provinces is a risky crop, but fortunately roots do exceptio have no occasi particular sections. Farmer regarding their supply of succulent feed for test shows by feeding a larger quantity of they can obtain practically the same results as where silage is used.

## Fitting Stock For Sale.

Glancing through the local and agricultural $p$ i every week from now until spring the reade As a rule the stock is sold withon sales of farm : price realized depends on various factors., sales even of pure-bred stock, the animals are bro into the sale ring in a thin, rough condition. first glance at them gives a poor impression, quently bids come slow, and the animal is sold lower figure than it would have brought had fitted and well halter-broken. As a rule the in price for well-fitted stock over those in ord condition will pay many times over for the co feed and extra attention entailed in fitting the mals. The breeder who places his stock on the marke

Any breeder contemplating ha
stock, whether it be gratating having a sale of live to fit the animals, clean them, and train them to and stand, as no one gets a satisfactory look animal that is constantly on the move. If sho handed it will pay to engage help, even at a wage, to put the stock in condition for sale. Thre weeks or a month of good feeding and proper car will make a vast difference in the appearance of the grains. Besides the ordinary roughage and ea grains grown on the farm, it may pay to puirchas tend to increase fiesh and give the animal a appearance. Crowding the animal for one or thio weeks before the sale may prove detrimental rath than beneficial. We have known animals so fed to be off their feed on the day of the sale. Commencint


This grade Shorthorn cow owned by W. E. Johns, Woodham, Ont., in 25 Monthe
This grade Shorthorn cow owned by W. E. Johns, Woodham, Ont., gave birth to the si
1914, two heifers; June 11, 1915, two bulls; May 25, 1916, a bul
a month before and feeding a common-sense ration a mo more profitable method Dairymen usually want to know what an animal will produce in a certain tength of time. True, they want the ant the animal looking well, but they breed a price which they will pay to a large extent
base the on the records which the anticularly noticeable in the have made. pure-d in particular that, as far as breeding, conformation and type were concerned, appeared about equar, but the one had a number of mature animals which had made considerably larger records than the other herd, consequently they averaged a breeder will pay cona head more at the sale. A breeder win pay considerably more of a certain number of pounds of milk made butter-fat, than he will for one that appears to be a good milker but has never been tested. If a
dairyman is planning to have a sale in the future dairyman is him well to keep a record of what his cows it will pay. This applies to grade stock as well as are de-bred. Plan the sale date so that as many of pue cows as possible will be well on in calf, or with calves at foot. A cow that has not been bred, or has only been bred a few weeks previous to the sale date, seldom brings a high price. Purchasers win not would the risk, consequentead to withhold cows they are
really be money ahead really be money ahead
not sure are in-calf. This applies to both beef and dairy breeds.
dairy breeds.
Only recently we called at a place where the man
was planning to hold $a$ sale in a few weeks. It was planpossible to get anyway near the cattle. They had run on pasture most of the season and had not been accustomed to seeing anyone around. On suggesting that it would pay to have the cattle not intended training when his attention was directed to it he recalled several sales which he had attended, and remembered the slow bids when
the stock appeared nervous and unmanageable. No doubt call similar instances, and yet at possibly
half the salesthe cattle half the sales the cattle
are not used to the are not
halter.

## is advisable to

 have a good sales-ring.If possible have it under cover so that
the sale may be held reg sale may be held
reg less of the weather. If a good
building cannot be procured, a tent can
be rented for a small sum and will prove very satisfactory.
Have the ring large
enough so that the stock can be moved roped off and keep all
but those who have business transactions
outside the ring. For very little expense ele: ated seats can be arranged around the ring, whether in a
tent or building. When attending a a sale men like to be made comfortable, and by having the seats raised all can see. It pays to cater to the confort
of breeders who come with the intention of buying stock.
The number of consignment sales is increasing. This method of selling gives the smaller breeder an
apportunity of disposing of his stock. As a rule one has not sufficient stock to make a sale, but by a number of breeders going together, each putting in a
certain number of head and selling at a central point, a large sale can be made up that will draw the crowd. A few consignment sales have been a failure for the reason that poor quality stock was offered, but there are associations that have been holding annual sales or several years. The members always consign their best stock and have it in good condition, consefuently the public look forward to securing choice
stuff at this annual event. There is no reason why consignment. sales should not be a success. It must consignment. sales should not be a success. It must
ever be remembered that the buying public to-day ever be remembered that the buying pubic to-day
have an intelligent idea of pedigrees and a fair idea
of the value of an animal For stock to bring the highest price at an auction sale, it must be in a con dition to attract the eye as well as possessing good blood, breed-type and conformation.

During the breeding season it might be well to keep the ram in through the day and let him out with
the ewe night. This is especially important
is mated with a particularly large flock.
oats and some roots, and keep him up

> Feed him a few oats and some roots, and keep him up
n condition if possibe. If fe is allowed to run with
h. firk all the time he may injure himself and the

## THE FARM.

## "The Testing Time Will Soon be Here.

## Edttor "The Farmer's Advocate"

I have read with great interest in two of your recent numbers Peter McArthur's comments on the two books, "The Farmer and the Interests," and "The History of Canadian Wealth." I have been purposing for some time to read both these books, but so far have not succeeded in getting the time: the pleasure (or pain) of reading them is therefore still in store for me, Mr. McArthur's comments are, however, so suggestive that I cannot resist the temptation of making some additional remarks along the same lines.

Nothing truer has been said by Mr. McArthur than that "Politics is part of the science of psychology, and those who succeed in it are not those who understand the facts and statistics of government, but those who understand the workings of the human mind." Anyone who studies critically the average stumpspeech, who watches how shrewdly the clever politician appeals to the emotions, prejudices, ignorance and cupidity of his audience,-to all those traditions, instincts and feelings which are permanently embedded in the human race, and which are as old as the race itself-such one knows only too well that Mr. McArthur speaks the truth. And if so what hope is there for the future? What chance for the supremacy of reason and right-


Darlington Cranford 24th.
? " in our "intelligent electors" have to keep on saying to them selves,

## I'm going to vote

in order to preserve the correct attitude of mind when going to the polling booth.
But there is another side to this matter. If "political success depends less on logic than on human sympathy, let us remember that one may make the appeal to human sympathy in order to help our fellows just as well as to exploit them. Abraham Lincoln achieved political success, and, no doubt, largely because he or human sympathy. But the results were appealed wholly sood. He was a true leader, not a wolf in sheep's clothing. There are just the same opportunities now for the abolition of modern form of slavery as there were in Lincoln's time, and just the same need for consecrated leaders.

Further let us remember that if logic counts for very little in politics it always works in the same direction II recall, but cannot quote accurately, a very significant saying of the late Professor William James (of Howar University,) He said that reason was the feebles of nature's forces, that human affairs were mainly directed by instincts, prejudices, passions, he said, was like a smais threatened with destruction ocean, which, thought wet often every moment by until it could withstand the buffets mall furious hurricane. As the waves ebb and flow, and as the winds blow now in this direction and now in that, the little sandbank gradually raises its head above the waters, and may finally become so large and strong that it offers a permanent habita-
tion for lifing plants and animals. Even so human
reason, threatened continually with destruction by the waves of passion, and often overpowered, alway: operates in the same direction, and may in time become of respectable magnitude in the direction of human affairs. The waves of passion and prejudice frequently the dictates of reason are cumulative.

Therefore the situation is not as hopeless as a ursory reading of Mr. McArthur's. comment mign many backward eddies: but on the whole good seed is never lost, but is harvested in God's good time.

Mr. McArthur's revulsion of feeling on reading Mr. Myers' book is more or less of an antidote to a superficial reading of his first article. The "tales of homely fortitude and simple heroism" which, in privilege, indicate the essential soundness of societ at the core, are evidence of the first point which raised, namely, that there is a vast fund of latent moral ity in society, which it is the duty and privilege of the true reformer to awaken.

Mr. McArthur concludes thus: "In spite of the revelations of this disquieting book, no one need fear for the future of Canada-if we do not lose the ideal and insp

There is a real danger-that of the gradual degradation of our ideals, the permeation of society by false ideals of life and success. And there is a furthe "In doing our part to defend Canada and the Empire we are running the danger of introducing militarism we are running the danger or introducig mity enduringly powerful." Under the plea of "military necessity" even now freedom of speech is practically no more. A class is now in existence which panders to, and profits by the war-spirit. When the war is over will come the testing time, and we shall see whether or not we have enough courage and independence Those liberties which are Britain's glory and her just Those liberties which are Britain's glory and her just
claim to greatness. It is going to be an easy thing to claim to greatness. It is going to me an easy thing to to say nothing of increasing them. And those who will, perhaps unconsciously, make tremendous efforts to fasten the additional curse of militarism upon the backs of Canada's toilers are those who have been instrumental in exploiting the masses in the manner outlined by Clarus Ager and Gustavus Myers. Edward Bernstein, member of the German Reicnstag, writing recently in the New Republic(New York) says

Militarism is, in Germany, most intimately oonnected with the fiscal question. The class which is interested in high import, duties is the same wnich You cannot uphold the policy of high import duties without perpetuating the worst form of rivalry and strained relations between respective nations which would again make for militarism.

Read that in the light of the present movement to take advantage of the existing antipathy towards Germany in order to intensify that form of commercial warfare (through tariffs, etc.). Which is largely responsible for the present horribie and bloony carnage.
Read it, and watch who it is that will attempt to fasten the European curse of militarism upon a continent the European curse of militarism upon a continent as yet comparat.

The devotion of the common people to God's worle of tilling the fields and raising their families in honest industry may save their souls, but it will not save thend in this world from the horrible consequences of greed, 5 sperthl privilege and tyranny. The millions of inm nocent peasants of Belgum, and Poland have not saved themselves, their lamilies or their property from fire and sword, even though quite innocent and-ree from all responsibility for the war. admirable characteristics by his battle with the adverse forces of nature in the Canadian wilderness. But he has not saved himself from exploitation by money kings, railway magnates and land barons. Nor will he, except by a wider outlook and a wider exercise of his influence. Two thousand years of so-called Christian civilization have not raised the European peasant much in comfort or intelligence. Life is as crude and sordid in Italy to-day as it was in the time of the Romans. (The Chinese river-dweller ekes out an animal existence by scouring the waters for edible plants.) Bloodshed is more terriblemary of mankind. And so it is everywhere: poverty, injustice and misery have increased with the increase of knowledge and civilization. Why? Because the innocent necessarily suffer for the guilty, and the welfare of the majority has been subordinated to the aggrandizement of the few. These are some of the things which we must take seriously to heart if Canada is to se saved from destruction. The people must wrest the power from those who have been robbers and oppressors. In Europe, as Mr. McArthur has admitted, "strangle tocracy, or the mone people: hence persistent and wide spread poverty with intermittent periods of slaughter such as poverty be a disgrace to the lower animals. If the history of Canada is to be different from that of Europe the next few years will probably decide. The fortitude and heroism of our pioneers is, as Mr. McArthur says, a tremendous asset; but it will be of no account, so far as future national existence goes, if it does not assert itself in pubiic affairs. The testing time will soon be here.
Brant Co., Ont
W. ©C. Gond.

## A Word of Warning to Maritime Farmers.

That farmers will do well to make preparations this fall for an increased acreage of hoed crop in Nova Scotia for 1917 is the advice being given by Prof. M. Cumming, Principal of the Nova Scotia Agricultural College. Fear is expressed that the dryness of the early fall season may militate against next year's yield of hay, and roots or silage crops should be produced of roughage. During the fall seasons a of roughage. During the fall seasons of crops which resulted in the two following
were good indeed. This season,

## Thick-Sown and Hill-Planted Corn at

In 1915 an experiment was carried on at Weldwood largely to ascertain the feeding value of corn sown so
thickly that it would scarcely cob at all compared with corn planted in hills. From previous experience we were led to believe that the thick-sown corn, in drills, grew a little heavier yield per acre than the hill-planted corn at Weldwood. We had previously read of an experiment carried on in one of the colleges in the Western
States, results of which showed the thick-sown. corn to be as good feed as that which produced cobs, pro vided it had sufficient time to mature. Last year we were careful that our thick-sown corn matured. It had the same number of days as the hill-planted, tried alongside it, both being in the glazed stage when cut on September 28. The analysis of the corn, as taken from the field and a later analysis made of the silage, feeding value with that of the hill-planted, and we did our best to take a fair sample of each, in fact, with the thick-sown sample which was taken from the field,
we were careful to get it from a place in the row where the corn was so thick that no cobs or nubbins appeared on the stalks. Weights from equal measurements of corn from the two methods of planting showed the drill-sown to be a much heavier crop per acre than the hill-planted. Last year, the drill-sown was put in in acre, and the hill-planted according to the pounds per system, in hills three feet six inches by three feet two inches. The usual number of stalks, three feet two being the average of the hill-planted.
Last year was one of the unusual season; so was 1916. Last year was one of the wettest on record during the period of corn growth. It seems only natural that the thick-sown corn should do well in such a year of
extreme moisture. In giving results we were careful extreme moisture. In giving results we were careful
to mention the peculiarities of the soil and season and to mention the peculiarities of the soil and season and
also to emphasize maturity in the thick-sown as well also to emphasize maturity in the thick-sown as well
as in the hill-planted, because we were afraid that some readers might jump at conclusions and sow their corn, very thick regardless of soil, climate, and of length
of season to mature. In short, we were afraid some would ensile immature corn, which experiments carried on at the Ontario Agriculture College have shown to be bad practice.
We were ready to grant that the season of 1915
perhaps favored the thick-sown corn. It certainly did well at any rate. When the corn was cut, September 28, it had not been frosted, and, while in the glazed
stage, it was fresh and green and stage, it was fresh and green and contained, no doubt, moisture content was lost in the analysis.) This
was true of both the hill-planted and corn and was responsible for the heavy weights re corded on each last year. We had another experiment in the same field in the form of a variety test, in which the weights were also very high. The same test
with the same varieties was run through this year and, while the crop to all appearances was as good as As we said before, the season of 1916 was also a peculiar season. The corn this year was planted September 20, it had practically no rain. A few passing, showers, for the most part very light, was about all the
rain the crop had while growing. Previous to planting rains were all too frequent and the corn did not go in in the best possible condition. The growing season this year was as dry as that of 1915 was wet, so that
those who claimed that the thick-sown corn would not compare favorably with the other in a dry year have had a seaon to test their belief. This year, the It was in the glazed stage, quite well matured, and owing to the frosting, to the drier season, and to perhaps a little more advanced maturity, it was much drier when cut.
It might
It might be well to give the readers an outline of
the planting, general care of the crop, and of cutting, weighing and arriving at the figures which
we give here. The corn was we give here. The corn was planted on a sod field
which was pasture in 1915. The land for both the hill planted and drill-sown was spring plowed;
after plowing and worked down with disk and dra hicular part of the field in which the test was made par planted on June 3, the drill-sown at fifty pounds per acre, in rows three feet apart, and the hill-planted apart and forty-two inches apart in the row; but, will be seen from the table showing the number of
stalks to the hill, a thicker seeding was made. Nearly
remain a sixteen-acre field was drill or thick-sown, th remainder being hill-planted, so that the test was carried out on a fairly large scale. We may say here that fater, and while actual weights were last piece a strip of thick-sown, not taken in this out-yielded the bulk of the field, which was hill-plances, To get back to the big field. Nither the hillplanted nor the drill-sown corn was hoed, but it was very frequently cuitivated with a two-horse cultivato was kept clean and the soil mellow. It is not fikely that the thick-sown corn would stand poor cultivation as well as would hill-planted, particularly in a year like this has been. .Cultivation saved the crop of year the hill-planted and the drill-sown, but we would emphasize thorough cultivation where anyone tries thick sowing. The land, as previously stated, is a parently it is fairly good corn land. It was manured during the winter at the rate of about was manured loads per acre.
The variety of corn used to make the test was Bailey and we may say that this variety is proving a good eitherer on the land described. We hold no brief for enough for a it is a matter of the best way to get feed under both methods got, in so far as possible, the same When it
ided to it came time to measure and weigh we dein 1915. The thoroughly into it than had been done road was cut between the thick-sown and hill-planted. We decided that six weighings should be hill-planted. each, these to be taken at intervals across the forty field. The length of each strip cut from a forty-rod weighing was $101 / 2$ feet. This took in exactly for a hills of the hill-planted and made it easier to balance one up against the other. Besides weighing, the number of stalks were counted in each of the six weighings taken from each method, so that we were able to get a comparison of the number of stalks growing on an acre. ments of height and averaged them, in average height of the corn growing under each method. From the figures obtained we were able to show the average yield of each per acre, as well as other inprominently brought out in the accompanying which are
weather at seeding time. was rains fell up to about the middle of July when han began. Since then relatively little rain has fallen ha ditions were ideal for storing the hay and grain C which were good, but the late fall crops such as roopt On Prince Edward Isll pastures have been poor showing up splendidly when the catch of seed showing up splendidly when seen during the whe prevailed as in Nova Scotia and, dry weather ha may be seen in next season's crop unless of moisturn siderable precipitation during the unless there is con Practically the same conditions were observed winter Brunswick, and farmers in the Maritime Provine N C certainly make no mistake by increasing their acreage
of hoed crop for 1917 .
time of writing, the rainfall has been very light, and if these conditions prevail it is to be feared that the hay crop for 1917 will not become well established. for a larger acreage of hoed well to make provisions mangels, etc., and silage crops such as corn or the oats-pea-vetch mixture. Such a move is not made any easier by the fact that, at time of writing, the land is so dry that sod plowing is almost impossible. Fortunately, however, all other kinds of farm work can be brought up to the mark. So there should be more time for plowing when the land becomes moist enough to make plowing possible. Those who produce plenty of these succulent feeds will not be obliged to mall which heavy inroads into their mows of hay next be smaller than has been the case this year and

## Weldwood in igi6.

an average of 27.16 stalks, or exactly ten more stalla in $101 / 2$ feet, or nearly one to the foot. Carried to thit extent of an acre this would show the average numbe
of stalks on an acre of the hill-planted on an acre of the drill-sown, 37,558 to be 23,729, and show the relative number of stalks per acre figures interesting, too, to calculate the average acre. It is stalks to a hill, which was 5.72 in the hill-planted cor a much thicker seeding than the hill-planted was in, 1915. To compare with this the thick-sown averaged a stalk every 4.63 inches.
per acre. The average of six weighes to the weight per acre. The average of six weights of $101 / 2-$-foot
strips of the hill-planted strips of the hill-planted corn was 13.87 pounds. Six pounds. This, carried to the acre basis, faged 16.20 pounds. This, carried to the acre basis, figures out planted corn and 11.24 tons in the thick-sown hillThis is a difference in favor of the thick-sown corn. actly 3,320 pounds, or 1.66 tons per acre.
fair and representative of the field. Two these weights of this paper, accompanied field. Two of the editors Ontario Department of Agriculture, made the of the and measurements. That they were the weights being correct for the field we know by the silos. At the number of tons per acre which we estimated figured that we would have just a few tons more than by 40 feet, and the other 10 feet by which is 14 feet the cubical contents of these, and when the corn wivi figured out according to the estimates here given it showed that we would have just a trifle more than he quantity required to fill both. The large silo was partially filled on a Saturday and completed the be ginning of the next week. The small silo was started one day and completed the next so that they had some chance to settle. When filled there was just one large the accuracy of the estimate proves another check to show We accuracy of the estimate.
on the corn growing from the two methods and of leaf who saw it decided that the thick-sown had and those percentage. However, we did not bring this down to actual figures. Some readers may think the yield per acre as figured out rather light, but it must be remembered that this corn was comparatively dry when weighed, the frost, the dry year, and the stage
of maturity counting in this regard. It owas one of
seeding. Dr. C. A. Zavitz and Professor A. Leitch o the Ontario Agriculture College, thought, from ob weright per acre the hill-planted, which it did. W J. W. Lennox and E. D. Eddy, of the Dominion Seed Branch both pronounced and both thought that the they had seen tho out out-yield the hill-planted. We
thick-sown would thick-sown would these men soe see
invited
unbiased judgment
We noticed, this year, that the thick-sown had tendency to throw out more nubbins and small cobs than was the case in 1915. These, when husked appeared to be in about the same stage as corn husked
hill -planted stalks. No doubt the difference from the hill-planted staks. No
in season was responsible fosize the fact that this thicksowncorn was matured. We would not for one momen advise anyone to sow corn thickly and ensile in an seed and clean cultivation. We would not care to sed
risk very much thick-sown corn on light, poor land risk very
because there is no doubt but that hill-planting is the best method on poor, and dirty soil. With regard to weeds, however, we have cleaning the land almost if not quite as well as hill planting. The corn is planted so thickly that it does not matter it an occasits of setting the cultivator
cultivator. This permita
close to the row. Once the thick-sown corn gets a start, weeds have no chance in the rows and the culti-
vator, used frequently, easily handles them between the rows If corn is sown thickly give as many day as possible to mature and cultivate every five or six days during the growing season.
Underdrainage should be mentioned here. The field upon which this crop was grown was fairly thorough ly under-drained last year. Had it not been for the drains there would have been no crop. A small, shallow hollow near the centre of the field was believed to have been drained; if so, the old drain was not working, rods in extent, no corn grew, so that we have pretty good proof that three things: under-drainage, good seed, and cultivation made the crop. We should say here that the crop was grown from specially-selected seed.
We are not sure that fifty pounds per acre is the best thickness for seeding. We believe that it is thick enough and would not advise increasing it. It may be that thirty pounds per acre in rows will give certain the by sere apart in the hill-planted corn, and by increasing the apart in the hili-planted corn, and by increasing the number of stalks per hill, we got a heavier yield out the hill-planted with different numbers of stalks per hill. One thing we do know, that in a fair test com-
prising several acres of a large field, the thick-sown corn at the rate of fifty pounds per acre in rows three feet apart. out-yielded the hill-planted, in rows three an average of $5: 72$ stalks per hill.

The experiment has been tried in two extreme years-wet and dry. The thick-sown proved the heavier crop in both. It was not so much heavier than the hill-planted in the dry year, but it stilt out-yielded the hill-planted sufficiently to be worth whiee, provided the analysis shows it to be of equal feeding value,
Samples have already been sent to Professor Harcourt, of the Ontario Agricultural College for analysis; results of which will be published when complete. In sowing corn according to the thick-sown method, do not forget these points: Buy good seed; sow as early as possible, in a thoroughly prepared seed-bed; sow on good soil; cultivate frequently and well; leave until well matured before harvesting. These conditions, complied with, should ensure at least a slightly well the experiment will be carried on again next year, and possibly elabowill be carried on again next year, and rates of seeding. rated upon to take in other cifferent rates of seedng.
From the sixteen acres of corn in the field in which this experiment was carried out and from six acres later planted, and which we estimated at eight tons per acre, our two silos are full of good feed for this winter. Thick-sown or hill-planted corn requires cultivation.

## Canada's Young Farmers and Future Leaders.

What Young Men's Organizations are Doing.
The young men in different parts of the Province re organizing into what is known as Junior Farmers Improvement Associations. To be eligible for membership a young man must attend the short course conducted by the District Representatives. Thes classes are attracting many of the best and brightest men of the farms, and are ging work in which they are engaged. Consequently, the members of this new association may well be considered a little above the average in knowledge of their occupation and in ability to manage their business. These young men can be a potent factor in arousing the tillers of the soil to united effort to promote the interests of agriculture. With a total membership of over this organization is beroming an influencing factor for better farming in Ontario. Members conduct experiments with various crops and with different systems of cultivation, in order to determine the best for their particular district. Cost of feeding hogs and raising baby beef is kept track of, and some are nding that they can raise better stock at a greater profit than can their fathers. This is as it should be. one, and the present age is one of golden opportunities. around to discuss matters of interest, and to keep in touch with each other. While the summer meetings
are mainly to transact business, literary and social entertainment is worked into the winter meetings. They are proving to be the training schools for platform speakers and debaters. The agricultural interests need men to champion their cause, and, ir we are
not mistaken, future leaders of Ontario farmers are how receiving their training for leadership in Junior There argaizaions.
There are many lines of work, requiring united eflort, which these young men may follow. The ing breeding centers. in order to aid in improving the quality of live stock in their community. Others are planning to build up pure-bred herds; the mem-
bers starting with one breed with the object of, in time, making their district noted for a certain breed. One or two associations have done a little buying
and selling for the members with satisfactory results.
Several several have secured representation on the local fair
boards, and the new blood is a factor in improving the fair. New classes have been added to prize lists; stock New classes have been added to pring competitions have been arranged
for on fair day, and money has been set aside for
 things show that the young men are arive; that they
have ideas and are capable of working them out to
the benefit of the whole community. During the winter of 1915 twenty-four young,
men attended the Short Course held in Aylmer, conducted by the District Representative for Elgin, County. At the close of the course a a unior Farmers
Assonaition was formed and olpans laid or carrying
on a definite line or ork work. Competitions were entered,

of 1916. They believed by so doing they would learn considerable about the crop, and also might corn. Through the Show the type and quality of corn would be brought to the attention of purchasers of seed corn, and would tend to advertise the district. Grain, seeds, poultry and ladies work were at wo the fair there was something to interest everyone.

The Association elected its officers and appointed committees to look after the different departments of the fair. Preparation was commenced early in the season; many of the members making a special effort to grow products that would compare favorably in competition with that grown by ord hand something to work for during the entire season. had something to work arrange for a building for the show, to collect money for prizes, to prepare a prize show, to collect money to secure judges. Committees were appointed to look after each item, and, in working up the fair, the boys were brought in touch with business men, township councils, etc. Sometimes they encountered difficulties, but, nothing daunted, thiey worked to make their first big venture a success, into business they could get in no other way
into business they council of the town of Aylmer was approached for assistance, and the town hall was secured in which to hold the fair. Light and heat were provided. Thus, one obstacle was satisfactorily overcome. Securing money for prizes did an pet the County Council and Township Councils and explained the object they had in view and pointed out the benefit it would be to that view, and pointed. Their efforts were rewarded by $\$ 300$ being secured from the Councils. The local Farmers Institute and many money was secured to award liberal prizes for the various classes. Different firms were solicited for adver is:ng, and sufficient was secured to practically pay for $p$ inting a twenty four-page prize list. When the opy was finally prepared, the printing was let by tender.
In order to acquaint growers with the standards of varieties of corn, as selected by the emointed to standardize the varieties suitable for silage and seedgrowing districts of Ontario, the names of varieties part of the prize list. The Dent varieties are, Wisconsin No. 7 , Bailey, White Cap Yellow Dent, Golden.Glow. Flints are, Jongfellow, Salzer's North Dakota, and Compton's Early. The standard gave the exhibitors an idea of the size and kind of ears to show. A note
was also enclosed giving full directions for preparing the exhibits and shipping them to Aylmer. The prize list contained classes or the the various breeds of corn, grain and seeds, cided success. The judges, supplied by the Department of Agriculture, gave reasons for their placings, and addressed a meeting held in connection with the fair. In this way exhibitors and visitors secured information about the various crops and how wheentries were deficient, and many exhihitors will be in a position to show their products to better advantage
this year.
The fair proved a good thing for the district. Not only did the young men gain valuable information,
relative to managing a fair, but visitors learned what really choice seed corn should be like. Many had been growing seed corn for years and had the impression that it was pretty good corn. However,
their eyes were opened when they saw the selection of other growers, and heard the judge comment on
the good and bad points of the various entries. The
same
shown
wn. The nembers of Aylmer Jumable of doing things, and of doing them well. During the year some have gone West, one or two to Guelph College, and one member is fighting for his country. Those at home have conducted experiments and have endeavored to improve on old methods of farming during the past year. They are contemplating holding a fair again
this coming winter. Many of these young men are this coming winter. Many of these young men are cecognizg an education and executive
training that should make big men of them. Young men all over the Province are demonstrating their ability to hold the reins when their time comes- to guide the affairs of the country. Managing the affairs of such things as a lncal winter fair is the training ground for larger things.
What this Association has done may suggest a
lefinite line of work for other associations to engage definite line of work for other associations to engage
in. While considerable attention is given to live stock in. While considerable attention is given to ive stock and judging competitions at fall fairs, grain and seeds fairs entries are small and too frequently they are placed where they cannot easily be seen. Without grain, and the various legumes and grasses, live stock could not exist. These crops are very important, and every farmer should aim at securing clean seed of the varieties best suited to his soil. Many noxious weeds are introduced to the farm through the seeds sown. It is important that one be able to identity the clover or grass seed. A day or two could be profitably spent this coming winter in becoming familiar with the weed seeds, and in studying the strong and weak points of the varieties of grain. All cannot o to an Agricultural College to study these things, but the information can be secured right in the community. If a meeting is arranged, experts can be serured to discuss the weed and seed grain problem. This is a line of work Junior winter. In only a few might profitably take up this winter. In only a few districts can a Corr show district a good show of grain and seeds could be made. Prizes need not be large, and by having number of samples of the difierent varieties the public are given an opportunity to see the kind and quality of products which are grown in the community. The judge who makes the awards could give reasons or his placings and show wherein various entries were deficiert. There may be ween seeds in the grain with which the owner is not familiar. These could e point or the following spring. In one community recently visited, wild pring. In one community and sow thistle were unknown weeds; the farmers not being familiar with either the plant or the seed, and yet within one-and-a-half or two miles from these farms samples of both weeds could be found It is advisable to make a study of the noxious weeds in the country, so that if a plant should appear in a crop its character would be known and it could be destroyed betore it seeds. If the first weed seen on many farms had been destroyed considerable work would have been saved. There are new weeds making their not give much troublé, but others are perennials and once they become established are difficult to eradicate. One or two days each winter.could profitably be spen in studying the nature of the various weeds and in learning to identify both the plants and the seerl Junior Farmer Associations would be doing good work in arranging for such instruction being given and there are numerous other lines of work which the associations might engage in this coming winter.

THE FARMER'S ADVOCATE:

## POULTRY.

## Fancy Poultry on the Farm.

## Editor "The Farmbr's Advocatr":

II you have "no use for chickens," or a dircontented son, you had better read this ar a ticle over
twice, for something pleasant and profitable has come twice, for something pleasant and profitable has come
into my life and 1 wish to pass it on. The farm I for my birds. I have at present, access to free range
this second week of September, seventeen hens. They were laying profit-
ably in December, January, February and to this ably in December, January, February and to this
date have kept it up. Half of them are moulting now, and I expect no more eggs for two months. Those selected for breeding will be kept, the balance
sold at once. Yesterday 1 sold the day's ergen dozen, for thirty-five cents. The man who farms the sixty acres next to me has some seventy fowl.
His daily egg harvest is eight or nine if he find His daily egg harvest is eight or nine, if he finds
them. His is the typical farm flock. them. His is the typical farm flock. I I have him
started on the right road now, and here I am after started on
you others.
I shall give you a short history of the events leading up to my opening remarks. Four years ago I
came from the city to enter a busness which owing to natural facilities, is carried on in the country,
After work is cleared up for the day there are a few After work is cleared up for the day there are a few.
hours when all outdoors is pleading for attention. hours when all outdoors is pleading for attention.
There was a small flock of nondescript fowl There was a small flock of nondescript fowl about, interest. At that time I did not know a Barred Rock from a Leghorn. For the first season I had a great
deal of pleasure in setting a few hens and watching deal of pleasure in setting a few hens and watching
anxiously the miracle of incubation. Then the chirpanxiously the miracle of incubation. Then the chirp-
ing little balls of down that trotted about in the grass completely won my heart, and I resolved to find out all I could about chickens in order that my pits
should have every chance in life. As they feathered out I noticed that they lost the delightful look of solid equality that characterized them as chicks. Some grew yery long and slim, others dwarfed and
dumpy. A few died for no sensible reasor dumpy A few died for no sensible reason at all.
That bought ten Barred Rock pullets from a
farmer. They looked pretty farmer. They looked pretty much alike as to size and feathering. These, with the best of my own, did not get an egg until the natural laying season
came around. About mid-winter I picked up a poultry paper in the bookstore. The picked up a was adorned with the cut of a cockerel weighing fourteen pounds, a frist-prize winner at the Ontario
Provincial Winter Fair Guelph. This opened my eyes very wide indeed. Such birds I had never
dreamed of. Now I began to dream of ostriches dreamed of. Now 1 began to drean of ostriches
strutting about in my yards. I wrote at an once to
the man who strutting ahou in my yands. third, and when his descriptive
the man wher arrived I became at once an amateur fancier The birds happened to be Blue Orpingtons. Had they been any one of a dozen other varieties of
Standard Fowl it would not have mattered. The man wanted fifteen dollars for a $a$ setting of eggs,
mand much to the scornful amusement of my neighbs I ordered some.
Spring came and with it the fancy eggs. I set
them carefully, for I had been reading poultry books thing if taken in the right doses. Eight chicks hatched, which I considered god, ores. the eght chicks hatched had travelled
four hundred miles in early March. On reporting the result $I$ was sent nine eggs sree, and from these Thatched six chicks. At the same time I was hatching
the eggs from my scrub birds. The difference in the tiny chicks was apparent even to my amateur eyes.
The pure-breds had broad heads, large, bright eyes
and very sturdy legs, set well apart, and col growing with a hop, skip and jump. In three months'
time they were twice the size of the mongrel bid time they welight and wondcr knew no bounds. At
and my dirds our months my biggest cockerel weighed seven and
one half pounds, and my joy was not dampened by
the fact that no one in town would believe neighbor came over one day, had a look, grunted
noncommitally and went home. "This fancy stuff noncommitaly and went home, whis fancy stuff
is just a fad, you wait and see," was the total of his
opinion. Meanwhile, I studied all I could about my own particular breed, bught a Standard of Perfection, my
and when the Winter Fair came due I bouther and when the
for my frst poultry show, and took with me a a cockerel
and three pullets I had picked out as my and three pullets I had picked out as my best
Compared with the flocks I was used to in my I had wandered about the long aisles in the poultry section I realized that many hundreds of other poultry
were ravising fine birds, and I waited for the judging
to begin with a properly growing for the to begin with a properly growing ansiety, jutging
mixed with humility. I was competing with seven other cockerels and eleven pullets. Finally the juden
came to our class and started work. I never took compared the birds my excitement grew. As he
finished examining the cockerels I saw his pend make a figure "one" on my tag, and his assistant
place a red, first-prize badge on it. In the next pullets, and was experiencing such pleasure as I had
never known could exist. I cannot explain it have seen strong men, years old in the fancy, grow
red with pure joy at a similar victory. The remaining days of the fair I spent talking with judges and
fanciers, and discovered just what proportions of luck and good manarement had contributed to my
success. I was assured that it was extrenaly
to get such good specimens from a single setting of The birds had been hatched in May, had just the right feed and enough of it to keep them growing night stage and in the pink of condition. I learned more in those few days than I could have by a year', reading, but without the reading I would not have been in a position to assimilate all the information that came my way, nor to ask the questions that
brought out the facts I was looking


By this time I had a real poultry house to winter high in front and six at back The front fed south Thiree feet from the floor, and the entire length, were alternate cotton and glass windows. The glass windows were fixed and the cotton frames swung back and
hooked on the ceiling. There was a foot of straw on the double-boarded floor. The roosts were set prevented mites from setting on the birds at night A dust box, grit and shell hoppers, a mash trough, a water fountain hung high enough to escape scratchedup itter, a spike to mpale mangels and cabbages only lowered on the coldest nights) loow (these are completed the furnishings. By the time snow lay knee deêp outside I heard daily that sweetest of music, the cacking of pullets in December. I had by this of my bught a number of hens from the parent flock a fifty per cent. lay, at an average winter they yielded a dozen. I have done better than that since and hope to continue. At this same time, on the farm next door, were some ninety hens and pullets not giving a one per cent. yield. My neighbor, not caring to
hatch his birds, had gone out in the fall and rounded up what he called a nice flock, paying sixty cents each for them. If his sole idea had been to make a of it. He had every size, made a howling success not one real business bird in the lot. These wert
instalied in the ever had. supplied grit and shell, a ave the bird ours. He and meat, but until the price of egrs had green feed to thirty cents in early March he was losing. money Cleaning dropping boards, preventing vermin it back. much bother. Putting in fresh, deep litter, cleaning water pans, and feeding regularly and well was " "uss, deal, and his disappointment at the result a great portional. His case, as I have watched it was prily for
several years, is the best illustration I have seen several years, is the best illustration I have seen of
the maxim that if a thing is worth doing at all it is
worth doing well It has been no case of plain sailing with me. not be as good as the first, for the season would enthusiasm, cooling slightly, would allow me to neglect
many of the details in feeding and care that so much the previous year. I laughed at had meant enough to catch myself in the act of ing I was lucky I guess that will be all right," when I knew thon! was not all right, but needed a little trouble at an inconvenient moment to make it so. Just a little
slip-shoddy work is enough to set you back from the details of the work. There are many fine books will make you attend details are, but only experience
My flly to those same details. My flock, for which everything had to be beught, enjoyed so much pay for the spare time work I
of the feed himself nice flock of standard-bred White Wyandottes has a and the change in results has started the seeds of
genuine interest in his breast, human endeavor is worth the whithout which no
the best of pure-bred birds him had he continued his system. But when with considered a very stiff price for them, he paid what he began to do all he could for them. And they naturally
did all they could for him, and so both satisfied. During the last three years I have inspected they are kept, and I feel that I have something worth Larmer fall I sold a trio of Indian Runner ducks to a hebruary he wrote me that they had died. I met Ied on nothing but whole corn all winter, had no
grit, no green suff, and yet this man could not under-
stand what was the maiter with he had neer knon what it was them. Incidentally,
on his farm in December. Tresh esgs on his farmi in December. These two cases are exgs
treme, I think, hut 1 t lo mot believe the average is
far atione that, is as important as any other, fortite on the farm that
lase, but it is the
farm flock given a serious thought. The average arm fork is left to s.shift for itsought. The average
as
as fittest survive and liond of nature where only
as the conditions are such as to porly quality If 1 were not con suced that produce nothing the wirineg these lines.
like the Leghorns, together with a purely egg breed Theed such as Rocks, Wyandottes or Orpind ess There is a splendid assortment of colors in in these breess to choose from, and all varieties have theei and constantly producing better stoct andard linee have tried out the two breeds fix stock. After you suits your climate, locality and market. Wit best wishing to boost any breed, it is my honest ththout that one of the American or English " "meat animion
egg" breeds is best
" egg" breeds is best suited to Canada, as a whole. shown that they lead in winter-egg petitions have

> This brings me to the kernel of my subject. I advise fancy poultry, and not iust bred birds, that might not take just good standard. This is why. Fanciers are men who love the show? They study them constantly, individually birds. vitit shows every winter and are always compley prizes at the big fhier friends. In order to paring birds that are well set is necessary to produce This can only be done by intelligently and shapely. breeders and resolutely casting out the selecting the the breeding pens. And you will find that at trom He the fancier is not thinking solely of fine feather co has the future of his flock at heart. It takes a
considerable amount of experiencer know these best birds. It is exience and study to an intimate acquaintance with their to have had several generations, the more the better. Fine feat for contrary to general opinion, are not the eessentiale
in the show-roo considerations, and these are and type are the first that are merely andty to are not produced by birds breeder and a good show bird lie The virtues of a than feather deep. I know that once a man more and up his mind to get pure-bred stock of man has going back to thr trial he would never dream of Aside from the personal , hit-and-miss, scrub stuff his brains and hands and land in that he is using possible results, he finds added satisfaction the best that side of his bank book. It is a strange the his work interestin likes to prosper, unless he find attention thesting he is not going to give it tha for many years in the city, are more city people envying a life in that there I have versa. Since I have been attendine country in the countryany farm lads who arc happily slivins them by taking they have a hobby that is broadening they soon make friendt regular intervals among men arm boys who have the best chance to these very show-room. The start is not expensive, and given can be raised there is no place where the finest stock manage to have their the farm. Fanciers always putting them in winter quarters in the fall. And where it is easy to raise three hundred or four hundred
birds, the chances for picking much greater.
during the winter, choosing his west bing his flock suring the winter, choosing his best birds to form a with the greatest interest? And when he takes the doest of care of his growing chicks, that the other fellow did notofit an anead of him next fall, he ensures a splenreads the announcement of a purely utility basis. He over the chickens to see if fall fairs and then looks cockerel or pullet that has a chance to win. Can
you not inage the than one prize, or hmagine his joy at pulling down a coveted bird that will knock the spots to go back and raise a to have a next year? You see, it it is only neal interest rival life there the most deli on the farm to make the happy man always has a little jam on the bread and butter of his , ife. A book called, "Adventures in ly what It, by David Grayson, explains very clear to look on the farm with the help you, as it did me, drudged in the cirm with the eyes of a man who has
the ditch digreated on the land. Surl the ditch diggers of this world are those who had a way, leaving them nothing at the end of this life but
a memory of aching can understand aching muscels. No man on earth can understand the sprouting of a grain or the quicken-
ing of an egg. There is sufficient marvel in all growing
things to make An it of delightful study And, then it is not hard to understand some of
Nature's processes sufficiently to hasten, and mold
her works acloser to her works "closer to the heart's desire., and mold
men had not had a mighty interesting time experiment-
ing in Dame ing in Dame Nature's workshop we would all be gathering our sustenance with a club even now. Yes,
and even now we. are as little children reaching for on this glote is. as yet sast store of natural energy for work in tive cities and crops stotting mer the lacking of hands to gather them. These things are known
to all observing men, and, be the reasons what they may, a kindly, demon, and, be the reasons what they
have in this country, can do noernment, such as we
wav. more than show the wave in this country, can do no more than show the
Way The terrific waste and mismanagement in the Wry The terrific waste and mismanagement in the
production of domestic needs, so glaring in this country
and the United States, is unknown in Germany.
know that the change has come from within when once the light has been seen.
out it is not so. I am not trying from my subject of humanity by a few hours' banging on a typewriter But I do know something about this chicken business, and after all, ever
Leeds Co., Ont.

## The Fifth International Egg-Laying Contest.

The final report of the Fifth International Eggaying Contest, held under the supervision of the
Bitish Columbia Provincial Department of Artich
 tives ate total number of egrs laid during the contert
as 36,382 which is the combined production of forty
 or the month ending the total number of eggs was 3,719 from mentioned. The vari-
ous breeds were repre ous breads were reprefairly good account of themelves. The winner of the first
prize in the thight-

 White Leghorns. The of 1,103 egzs in the eleven months, whic bird. Duting
month of September
they laid 130 eggs. J. A. Hanson, Cos

 ${ }^{\text {and Miss }}$ My Eva Harnt
 pen of White Leghorns
that laid 1,054 egss There were twenty
entries in this class

$$
\begin{aligned}
& \text { and all but on casere the White Leglorn breed. } \\
& \text { and } \\
& \text { In the }
\end{aligned}
$$

In the class for heavy-weight varieties there were also twenty entries, made up of White Wyandottes
Barred Rocks, Reds, White Orpintons, Buff Wyan barred Rocks, Reds, White Orpingtons, Buff Wyan
dottes, Buft Orpingtons, and White Cornish. While the first-prize pen in this class laid nore eggs than the winning pen in the former class, the lighter breeds exceeded in the total. Dean Bros., Keatings, B. C.,
won the frst prize for won the first prize for a pen of White Wyandottes, the bix birds laying 1,126, eggs in the eleven month ton. Pender Is., B. C.,
with his. White Wyan-

wity dottes, which laid 1,071 | egss. Third place went |
| :--- |
| to |
| E. D. Reidd of B. C. | with a pen of 'Dotes

that laid 1,048 which also won the silver medal for the highest
winter-egg production in
tin ${ }^{\text {the }}$ Thiss con Thus contest was con
dutided under the director
 Instructor in Poultry-
ratising for the Province
fol of British Columbia. The housed and breeds $\begin{aligned} & \text { wed } \\ & \text { ted } \\ & \text { alike }\end{aligned}$ and given every olp apore
tunity to produce to the limit of their capacity
The biid tele birds were care fully
 the compectition ereed il
individual individual biol whir chave
exceeded the productection average egs
pern, the of the highest competition have in the
to be considerabl, the average run of fowl.
 paidese men remember as weel as masel' when they were
pants a pound for chese that brocht forty-five cents a hundred for oor milk. There's been some change as ye micht say, sure eneuch', an' I suppose that ye wouldna' find mony farmers that wad wan tae go back tae the "guid auld days" even though we had tae pit up wi' some queer chesemakers in those days. An' as micht expect they very aften made queer cheese. hae seen cheese see saft that it wouldn'2 stand upricht the floor. An' Ive seen ithers that were as much to far in the opposite direction. This reminds me o' ane

W. A. Staebler.

Meadow Grass 2nd of Kirkfield.
Grand champion Jersey female at Toronto, owned by R. J. Fleming, Toronto

## THE DAIRY.

## Queer Cheese.

Editor "The Farmer's Advocate"
I was lookin' through ma newspaper the ither in the cheese market I turned tae the wee bit interested tell ye the ups an' doons o' business an' what ye are likely tae get for what ye hae to sell, or tae pay for what ye buy. An' by the looks o' it a chap had better be sellin' than buyin' ony time o' the day. I mind twenty five or mair years back the prices we would be gettin with which tae pay the taxes an' store-bills an' maybe doctor's bills as pay the taxes an store-bills an' maybe ye like aboot the increased cost o' scratchin', say what time. Mony's the bushel o' aits we sold at twenty-two cents,


Lakeview Rattler 11364

and wi' dressed hogs at four an' a half an' beef quarters at three dollars a hundred weight, I'm no' wonderin' that we never thought aboot a time when farmers wad be payin' a thousand dollars for a new-fangled kind But as I wis sayin,' I wis lookin' for the latest price o cheese in ma paper an' when I cam' tae the reports o' some o' the Western Boards this is what I read: "Twenty and one half cents offered, but the I suppose they kin their ain business best, but I mind

o' the first cheese-makers we had hereaboots. He used tae call aroond in the evenin's an' talk aboot ane us what fine cheese he wis makin'. Ma auld auntie that's deid an' gone the noo, puir body, used tae gie him a dig once in a while when she'd think he wis gaein' a bit too far. He didna' like this ower weel, an one nicht he telt her that he wis gaein' tae get her photoroom tae scare the days, tae hang up in the curing"Weel," says ma auntie, "gin ye mak' all yer cheese as hard as that last one ye gied us a sample o' ye dinna need tae bother. Ye'll be deid safe frae But I didna' feenish tellin' ye aboot some o' the queer cheese I hae seen turned oot $0^{\prime}$ factories in ma day. I'm minded $o^{\prime}$ one young chap that couldna get his cheese tae stick together aifter he took them oot o the hoops. He knew he wis in for it gin he he factory ${ }^{\prime}$ ' abbot the amount $a^{\prime}$ milk it took tae mak' a pound $o^{\prime}$ cheese they didna' find oot the trick till the next year, when the cheesemaker wis safely oot o the country Anither lad that we had in the neebornood aboo that time, an' wha wis supposed tae be makin' cheese, wis wi' the girls an' tryin' tae develop the social side of the community as much as possible. Mony's the mornin' he'd get tae the factory tae find ten or a dozen farmers waitin tae get their milk weighed in, but he it happened that he wanted tae get day. But gi it happened that he wanted tae get awa tae a picnic boy that could rush it through. I've seen him gae to the whey-tank the second time in one morning tae get sour whey tae pit in the milk tae hurry it along A guid deal passed for cheese in those days that oor buyers wad call by some ither name at the present
time. The standard is gettin' higher an' I'm thinkin' no honest mon will be objectin'. Wi' the price what it is we should dae what we can tae keep up the quality $\mathrm{n}^{\prime}$ we can tak oor money wi' a clear conscience I remember a friend o' mine in toon, once, tryin' tae mak cents a pound for cheese, as we were daein' at the time cents a pound for cheese, as we were daein' at the time
I couldna' see it that way, an' I dinna' see it that way yet, although ma friend's case is better than it was. Gin the consumer isna' gettin' as guid value for his money when he buys cheese as when he buys somethin'
else he's liable tae notice it, an' I'm thinkin' we're else he's labie tae notice it, an Tm thinkin' we're time I hae na' use for the farmer wha mak's it part o his religion tae keep on complainin' aboot the sma profits in the business, an' who is a' the time tellin ye how muckle it costs tae feed coos the noo an what the prices $\mathrm{o}^{\prime}$ bran an shorts were ten or fifteen year back, when maybe he didn't feed a bag o' bran tae thy noo-a-days, na matter how muckle we kick. Aboo $a^{\prime}$ we get for oorselves is a sort o' contempt that canna' say we dinna' deserve. Na mon who isn't an auld wumman will be complainin' onyway, na maitte how things may be gaein' against him, an'. I'm thinkin prospects especialse whe chese at twenty cents and arm produce, we ought tae cut oot the grumblin The chances are we'll no' starve tae death, but gin we dae it's as weel tae remind oorselves that death by starvation is no' muckle harder than the average tae everything, even the cheese business.

## Preparing to Produce Winter Milk at a Profit.

With cheese selling at twenty-one cents and butter climbing to the forty-cent mark, the dairy cow can truly be called the morgag the farm into ready cash, the net returns depending the farm into ready cash, the net returns depending with the price of the manufactured article. The average yearly production of milk per cow is barely sufficient
to pay for feed consumed, but the possibilities of production are great. By a process of weeding out the poor producer and giving the selected cows proper feed and attention, high-producing herds have been built up. However, the most carefully selected and
richly bred herd cannot produce unless given the necesrichly bred herd cannot produce unless given the necesbest out of their herds for the reason that an insufficient quantity of the right kind of feed is fed. A factory un to its capacigy is paying proposition provided the right kind of machinery is installed. So that will give the greatest returns for feed consumed and then feed her to capacity on milk-producing feeds. In the issue of "The Farmer's Advocate," September 2،, a table was published setting forth the yield of mills and butter-fat, together with the cost of feed for a certain herd for the past year. The figures are worth
studying as they demonstrate the value of keeping accounts of what the cows are fed, as well as of the production. These cows were not stinted in the feed line, and most of them responded nobly.
It is generally conceded that winter dairying, taking everything into consideration, is more profitable than
summer dairying. Labor is cheaper than during the summer dairying. Labor is cheaper than during the
summer, price of milk and butter higher. With silage, a succulent ration is supplied, and it is known that stablefeeding gives larger returns per acre of fodder grown
than doee pasture. However, grass seems to be the her feed is much easier than harvesting and storing it for stable feeding. Fresh air and sunshine obtained in the open are conducive to health, but if the greatest
returns are to be obtained, the pasture must be supplereturns are to be obtained, the pasture must be supple-
mented during mid-summer and fall. This applies especially to the cow in milk and one which wilt milk well on into the winter. If the milk flow decreases, due to shortage of feed or unfayorable weather conditions, in the fall, it is difficult to bring it up to normal again. so. Even dry cows due to freshe dussibe to do and early winter witl give a better account late fall selves during the lactation period if supplied with sufficient feed to fiesh them before dropping their calves These facts have been proven time and again, yet Dairymen who allow their cows to drop below normal in milk flow or get out of condition, due to shormal pasture and lack of care, are losing hard cash. The oss will be heavier than ever this year owing to high price of both feed and milk. A certain amount of the the maintenance ration gost into the system; that ove appearance of some herds they are not receiving even maintenance ration, let alone enough feed to evon a milk at a profit. Many feeders evidently fail to realize is relation of feed consumed to production. If feed purchase mill feeds, get rid of the cows the advisable to and feed well those which the cows that are boarder of carefully selected, well-fed cows is more profitable than a large herd kept on a maintenance ration. Be sides, the labor is reduced, which is an item that must
Even if wir
is imp if winter dairying is the most profitable line The best-laid plans are upset by cows failing to the fall. and various other causes over which man has little control. Consequently, while the aim in some dairies is to have the cows freshen in the fall, there are some to give a uniform suipply of milk to year. This tends the year around, and so prevent a plut in the market and a shortage another. Six weeks' or two months' rest should be given a cow in order that she may gain in flesh before dropping her calf. Dairymen aiming at winter dairying generally breed their cows to freshen not so rushed in November and December Work is seeding and harvest, consequently, there is time to give the cows and calves the attention necessary have them make the best returns for feed consumed. and continue to the fall usually milk well all winter as grass is abundant. August and te spring, so long erally considered to be the most difficult month are genmilk. Flies are bad and pastures are parched. However, by this time the cows to freshen in the fall are up the animal body and prepare the cow for her winter's work. Whether a cow is in milk the cow for her winter's attention during the fall. If pastures are short they should be supplemented. Green corn, silage, or clover
hay are satisfactory roughages, and oats hay are satisfactory roughages, and oats or bran might
also be profitably fed. Possibly a few pounds of cake meal or cotton-seed meal would aid in balancing economical feeds to use. The concentrate the mos depend on the nature of the roughage. This yea in particular all pasture is short and on many farms
the grain supply is below normal, while roots and are not on a par with other years. Consequently dairymen have difficult problems in the feed line to
face this fall. In view of the high price of daity ducts every effort should be made to handle the herd so as to get the greatest net returns under prevailing
conditions. This cannot be done by curtailing the eed or feeding a one-sided ration to good cows.
Cows are sensitive animals, and the mill influenced by changes in temperature. After the first of October it is usually advisable to stable them at night.
The ground is more or less damp and cold, and if cows heat. If the feed is not forthcoming then the mody drizzly days this time of year, but so stable on chilly weather they are better out even if the pastures are
short, but they require feeding in the stable only do the cold and damp lower the vitality of the nore liable to become sore during trouble. Teats are more lable to become sore during the fall than at any
other time of the year. Garget may be brought on by the udder coming in contact with the cold ground.
This trouble not only diminishes the milk flow for the indesent, but frequently causes loss of a quarter of the lessons from those who are making high records with their herds, regarding care and feeding the year round assist in improving the milk yield of the average, cow.
The change from pasture to stable is prola The change from pasture to stable is probably the conditions of this country are such that animals must
be sheltered about seven months of the year. Fresh, succulent grass is Nature's feed for stock, and successful
dairymen aim at imitating summer feeding in the winter Silage comes nearer taking the place of grass than any
other feed grown on the farm. Roots are valuable
feed to include in must be a certain amount of dry feed. The system to digesting green feed, and it is a miracle that the loss
is not heavier than it is when they are placed on dry of gradually getting the animal accustomed to digesting dry feed. It is possible to change from field to stable conditions without in any way interfering with the health of the animal or decreasing the milk yield. Through September and October the cows become accustomed to a certain amount of dry feed in a wellis also fed daily, and as the grass decreases the silage and roots are fed in increasing quantities, consequently by the time the weather prevents stock going to the fields they have become accustomed to winter conditions Corn, either
in solving the winter-feeding problem. If handled properly corn stover is readily eaten by stock the part of the winter, but silage is a palatable feed for all seasons of the year. A cow requires all the roughage she will consume, but the amount of concentrates of grain to every four pounds of milk is a rune pound of grain to
by some.
Milk a
Milk averages about 87.5 per cent. water; 3.6 per cent. fat; 2.5 per cent. casein; .7 per cent. albumen 5 per cent. sugar, and 7 per cent. ash. These subin the form of milk. If they will draw them from her system for a certain length time. Feed is also necessary to repair waste tissue supply energy and heat. It is necessary that the ration consist of feeds that will supply protein. Where there a dairyman can at the same time producing a milk, without feeding too heavily on expensive concentrates. Oats are the most nearly balanced ration in themselves of any of the grains. They are particularly good for milk cows and young stock. Bran is also highly and brewers' grain are also rich in cake, cotton seed in large quantities by some dairymen. of grains many tons of these feeds are being purchased production this in keeping the cows up to normal in production this coming winter
variety of feeds is necessary.
uires attention as well as the in ilk Poks the concentrates need not be fed in as large a quabably but she must be fed well when dry if the greatest rethers are to be made during the lactation period.
The boarder cow should never be kept. Howe we have reason to believe that many are still to be found of the country, and in many herds they will be the means receive this winter that the profitable cow should dividual records of production as it is this year. Inkept, and attention centred on the cows making a profit.

## THE APIARY.

Preparing for Winter in the Apiary insects, but they becone torpid in winter like other
sith
consume the stores in so doing. In cold weather the bees forma a
comparts spherial cluster, the interior of which may be
as warm cessful wintering or dennety degrees Fahrenheit. Suc of bes in the cluster, the yountraty of thon the number
and wholesale stores, and youtect good protection is provided the bees do not need to
produce so much heat consumed and there is less drain upon the vitality of Preparation of bees for winter, therefore, begins
by seeing that each colony has a good fertile nuen and enough bees to crowd the spaces between seeven to
ten combs, the more the heet principaly, of youn beest that and that these consist
field work. Weane but litte penty of bees reared in Ausust and sedentember in
regions where but litte honey is gathered during then during the esumen should be one that has been reared
build the her collong such a queen will also usually in the spring, and and will be le less ind in ined to to swatrenth an old queen, the advantages of rece tesenwarm than
that have old queens are extat onf

Each colony showld have the ney have not bece
 rold, and thirty to thity five pands in int insty of the


 (1eficiens in wimh ip imands from the weight Any (the first wevk in ()-tuber in southern Ontario.) with To avoif dysentery it is goood practice to give each wony at lesantery It is good practice the sive each
is therefore consumed first, so that the accumulation of
the faeces is delayed. At the Central Experimental Farm, Ottawa, where a considerable amount of honey is gathered from wild flowers in August, it has been found that colonies whose stores have been thus supple. mented with about ten pounds of syrup, winter better this has been found to be the case in many places in Ontario and elsewhere. If honey-dew honey or other to be present in quantity, the outery are suspected removed and replaced with combs of clover hould be saved from the summer, the honey should be extracted from the inner combs and the colony should be fed with sugar syrup.
In many places in British Columbia, southern Ontario successfully out-of-doors N. S., the bees may be wintered is given, but in regions where the winter is protection they must be wintered in the cellar. In places cold there is a choice between the two methods, out-door wintering is sometimes preferred by absentee bee keepers for out-apiaries because the bees need no attention from the time they are prepared and packed opened. Nevertheless, where the bees until spring has get a good cleansing flight for several weeks their vitalito is better conserved in cellars where the optimum ditions of temperature, ventilation and humidity (which as yet are but imperfectly known) are approached than
under the severe and fluctuating under the severe and fluctuating conditions found
outside.

## Outdoor Wintering

On the Pacific coast where the winter is mild and damp, a weather-proof wooden case that slips down over the outside of the hive and projects about three of sacks or a chaff cushion on top of the frames and a ventilated waterproof roof makes a sufficient and satisfactory extra covering. It is advantageous to have a dead-air space between the case and the hive, packing that will not with cork granules or other packing that will not attract or hold moisture. The inches long by three-eights of an inch deep.
In colder and drier regions the hive without its roof is placed in an outer case large enough to take two o four inches of good packing such as planer shavings or closely packed dried leaves around the sides (in
 be placed in bags or a cushion for easy removal. It is an advantage to make such a case large enough to take four hives in two pairs, back to back, because the colonies keep one another warm. The cases made to apiaries in southern proved very satisfactory in many of planer shavings at the sides and underneath and ten inches on top, they have met with fair success at the Central Experimental Farm, Ottawa, in the winters of
1912-13 and 1913-14.
The roof of the wintering case should be covered with waterproof roofing. Above the packing material
an air space should be left which should be ventilated by holes in the gables. To prevent the mouths of the a space of at least an inch between the floor and the side entrance where the winters are seve for the out-one-quarter inches high by eight are severe is one and
being reduced to wide, the width being reduced to three-eights of an inch during the winter resting on a projecting nood revolving on a screw and
prevent the block of wood. To prevent the small entrance getting partly closed with be buried under a moderate depth of loo under it. To bees no harm in mid-winter, but snow may advantageBees wined from wind. Protection from wind is be sheltered portant in the colder regions. In such regions if the
apiary is not surrounded by actory shelter a close board fence about eight feet high should be erected around the apiary. It is neces sary to emphasize the importance of wind protection
in the winter, because it is often given insufficient Bees wintered out-of-doors start breeding earlier Bees wintered out-of-doors start breeding earlier
than those wintered in the cellar, and they benefit by
the better

Cellar Wintering

The bee cellar should be well ventilated but not at about two to five degrees below that at which the hees would begin to show signs of restlessness. The best temperature in the early part of the winter will faeces accumulate a somewhat lower one "(forty-two to forty-five degrees $F$.) with more fresh air will be need-
ed. The air in the bee cellar must not be too dry,
lut it must not be damp enough for moisture to condense on the floors of the hives, and the cellar in darkness well drained. The bees must be kept The cellar of the residence is usually satisfactory elping to supply the required temperature and ventilardion. A portion of the cellar should be boarded off insulation to kees. The principal faults are insufficient
cessive humidity. The combination excessive humidity is particularly injurious. A bee cellar to contain many colonies should be furnist being regulated by dampers. Good insulation
draf may be secured by having the fresh air may be brought in through a six-inch or eight-inch earthenware drain
pipe laid under the ground. The possible after the last good flight that they are likely as possib. This is usually some time in November. It
to get.
is advantageous to contract the entrance and give ight protection for two or three weeks previously. During transportation to the cellar the entrances to the hives should be temporarily closed with, for instance, oft paper or should be large enough to allow sufficient ventilation and to facilitate the ejection of dead bees. The
hives may be raised behind slightly to allow the dead bees to roll out. It is a good practice to replace the cover of the hive with three or four empty sacks. The dead bees should be swept out of the cellar two or three come offensive. It is not advisable to winter bees in come ofrensive.
trenches dug in the ground. Should a colony through
accident have been put away for winter light in stores, accident have been put away for winter light in stores,
thin cakes of candy should be placed over the frames to avoid starvation, but to $h$

## Feeding the Bees.

Syrup made from the best grade of white granulated sugar is a safe substitute for honey in spring and summer and a desirable supplementary food for winter. For autumn feeding use two parts of sugar to one of water,
in the interior of Canada, and two and a half parts sugar to one of water at the coast. To get the sugar to syrup is made over the fire, the sugar must be added to the water in small quantities at a time and stirred constantly until dissolved, to prevent it from settling to the bottom of the vessel and burning. Burnt
sugar is very unwholesome for bees and would cause their death during winter. To prevent the syrup from granulating, a teaspoonful of tartaric acid may be added to every twenty pounds of sugar.
Candy for feeding in an emergency during winter is made by dissolving over a slow fire six pounds of sugar in one and one-eighth pints of hot water and boiling it at 238 degrees Fahrenheit over a hot fire, with minutes witheaspoonful of cream of tartar, for a few When the candy becomes almost cool enough for the finger to bear it, it should be stirred until it begins to whiten, and then poured quickly into moulds to form cakes about one inch thick. Syrup made as previously described should be given inside of the hive and covered up so that bees from the other hives could not get
it is best to feed in the evening. (From Builetin No 6, Dominion of Canada, Department of Agriculture.)

## HORTICULTURE.

## The Fifth Fruit Crop Report.

The fifth fruit crop report issued by the Do minion Fruit Commissioner shows little improvemen in the quality or yield over what was stated to be the case in the last report. In some sections there will be very little No. 1 quality The British
Columbia crop will be slightly less than last year with a smaller percentage of No. 1 's. In Ontario the yield is poor and the quality worse still. Apples the yield in poor and the quaity worse still. Apples
are coloring well and attaining size, but the scab is very prevalent. The most favorable Ontario report
comes from the Georgian Bay District. The total comes from the Georgian Bay District. The total
crop there will be between 60 and 70 per cent. of crop there will be between 60 and 70 per cent. of No. 1's. The latest indications are that the crop in the Annapolis Valley will not exceed 500,000 barrels. The quality and color are very much better are very good particularly in the Northwestern States. The volume of the crop, says the report, will be be-
tween 16 and 18 thousand cars.

## The Inside and the Outside of a Big Co-operative Company.

panies of Nost severe critics of the United Fruit Com good thing for the fruit business in the Annapolis Valley. part of readers who, on account of prejudice or through part of readers who, on account of prejudice or through
our inability to properly set forth the nature or operations of the organization, desire or happen to arrive at conclusions opposed to co-operation. The Com-
pany referred to has often been cited as one big success pany referred to has often been cited as one big success
in the co-operative method of handling farm produce and farm supplies. At a distance we see only the outare led to believe that, in spite of all the influence brought to bear by interests that would be injured by its success,
the Company stands supreme and undisturbed. This the Company stands supreme and undisturbed. This after hearing of their achievements often link themselves up with such an organization, thinking, that from the
first, so long as they are all good, the movement will go steadily on and everything will be fine. Co-operative associations do not usually work in this way, and, knowing this to be a fact, the writer became imbued with a
desire to obtain a glance at the inside of the rup. We
were able to view the operations of The United Fruit were able to view the operations of The United Fruit
Company from many angles. The Manager, individual
members and critics were interviewed, and from the members and critics were interviewed, and from the
different threads we are able to weave a fabric that represents to some extent the Company as it is. To be
brief, the organization is still doing a large business and a remarkable amount of good, but it has its troubles. Furthermore, the people of the Annapolis Valley are
apparently no more liberally endowed with the true spirit required for such a movement than they are every-
where else in Canada, and Canadians at large are perhaps the most niggardly, endowed of any peopie in the
world. The Canadian's independent life and the prosperity which comes to him who seeks it with hand
and brain working in unison are the biggest obstacles To obtain a clear idea as to the work of the large
Co-operative Company that since 1911 has been handling an ever increasing quantity of the output of apples,
one should first understand the conditions prior to its one should first understand the conditions prior to its
inception. Commission firms in Great Britain had representatives in the Valley who solicited consignments.
They in turn had sub-agents at the shipping points, who went from grower to grower seeking patronage for the houses they represented. There were many
charges against this produce included in the account
of sales, and while houses in England and Scotland were probably honest,
very few of the shippers actually thought so. There very few of the shippers actually thought so. There
was a charge for this and a charge for that. In fact,
the returns were so extensively itemized as regards the expenses, that many of the growers who had no
way of ascertaining the truth were somewhat dubious
about the integrity of the consignees. Again, there was the speculator who was active when the demand
was keen, and dormant when the market was dull. Thus, during a good season there were several channels
through which the fruit could be marketed, but when growers were obliged to look out for themselven, which
usually meant that the greater part of the fruit was consigned. With no guiding factor in the handling
of six or seven-hundred-thousand barrels, one can easily understand how there would sometimes be congestion
at the shipping points, and even in the Old Country
markets themselves, when such a number of individuals, practically uninformed as as to a number of individuals,
abroad, tried to market their season's crop. home and

requiring funds at that particular season, the growers
failed to demand payment as they handed over load after load of their product. Just as the season was bye," the apples were safely stored with another gentlebye, the apples were safely stored with another gentle-
man's shipping mark plainly stamped with good ink on man's shipping mark plainly stamped with good ink on ceive even one cent for their season's crop. It would
have been a strange jury, or an unjust judge, who would not have allowed the owners of those apples to recover
what still remained in the warehouses, but there was no what still remained in the warehouses, but there was no
organization and the individuals said: "Oh, its only sending good money after bad," and they let it drop there. These are reminiscences, but they depict pretty well indeed conditions in
existed ten years ago.

Co-operation Tried.

In the year 1907 a few growers in the vicinity of Berwick united themselves into a smatl co-operative
company. By 1909 five more associations were organized, and the following year saw the inception of as many more. These co-operative associations must
have been an improvement over the old haphazard have been an improvement over the old haphazard
method of marketing, or the movement would not have had such a rapid. growth. The number increased still further and 1911 was the birth year of the Central ated under the name of "The United Fruit Companies of Nova Scotia, Limited." The majority of the small associations throughout the country became subsidiary
companies and contributed representatives to its board of management. We shall not attempt here to explain the type of organization or the history of its growth. it is doing.
Last year when the apple crop of the Annapolis Valley amounted to approximately 625,000 barrels,
about fifty per cent. was handled by the Central. They about fifty per cent. was handled by the Central. They endeavored to develop new markets in other parts of the world. Supplies, meaning fertilizers, spraying
materials, barrels, nails, etc., were handled to the materials, barrels, nails, etc., were handled to the
extent of $\$ 100,000$. In 1913-14 the total of operating the Central amounted to $\$ 28,700$. The following year the amount was reduced by $\$ 1,500$, and the present manager, A. E. MacMahon, expressed the
opinion that the Company will be operated this year for about $\$ 20,000$. The average cost of packing at the warehouses of the subsidiary companies was about
$121 / 2$ cents per barrel last year, and it cost in the neighborhood of five cents per barrel to pass the apples through the Central. The remaining charges levied
by the local company depend upon their capital expenditures in warehouses, equipment, etc., or in any
operations they carry on in connection with the business. The fruit is all packed by gangs employed by the local posed of according to an agreement between the sub-
sidiary companies and the growers. Altogether fiity two warehouses are controlled by the organization.
These have an average capacity of 8,009 barrels, but including the different varieties 20,000 barrels will easily pass through one building in a season. Last
year 52,000 barrels were passed through two ware houses. These plants are frost-proof on the first floor tion and makes it possible to pack and ship the winter varieties during the months of December, January
February, and even as late as March Following are a few features which the Manager
expressed as characterizing the efforts of the Central 1. Raising the standard of grading and packing direct, Establishing markets for the sale of potatoes portation at a figure less than the prevailing freight rate. Three steamers and two schooners had been chartered
by the last week of September this year, and negotiations
or more were then under way, Raising the standard o the potato pack is considered intportant, a
3. Purchasing supplies including flour and feed, has been very fortunate in securing low prices for the has been very fortunate in securing low prices for the
benefit of the members. Supplies are distributed at prevailing retail prices and the members receive their rebates periodically.
These three brief references to the work of the
United Fruit Companies of Nova Scotia, Ltd United Fruit Companies of Nova Scotia, Ltd, should
suffice to introduce the reader to the organization and suffice to introduce the reader to the organization and
convey a fair idea of what it means to the grower of the Annapolis Valley. Its field extends as far East as Falmouth and as far West as Annapolis Royal, a distance of about 75 miles., In addition there is a subsidiary company in Queen's County and one in Lunen-
burg. ference to prices, the Manager said that in Liverpool, Eng., the co-operative brand was favored with a preference amounting to 2 to 4 shillings per barrel. In the local markets the Company's output was desired and
commanded a better price than the average of the int commanded a better price than the average of the in
dividual grower and shipper. The Fruit Branch at Ottawa also made some investigations and commended the co-operative enterprise for the work it was doing and the prices it was returning to the grower.

Rumblings Heard on the Outside.
While none of the views set forth in the preceding paragraphs were contradicted or questioned by
critics or dissatisfied members of the organization, some did make statements that we shall reproduce here in part. Up to the present we have revealed only the bright side of the picture, but let it be plainly understood that there are dissatisfied members, and, more than that, dissatisfied local companies.
Just as the good accomplished by the central finds its way down through the local association to the individual grower, so do the little dissatisfactions which exist in the separate communities coalesce into a large complaint to the local company, which, registers its grievances.
One practice which is causing trouble is the pooling system. As an example, the members of a local company will deliver all their Gravensteins to the warehouse to be graded and packed. That association has its manager and its packing gang, upon whom
depends the standard adopted. This system extends all along the line and the complaint has been registered that the quality is not the same throughout the Valley and some packs are superior to others. In parts of King's County the growers feel that their fruit should not be pooled with that from Annapolis,
and vice versa, for the Central Company adjusts the price for Gravensteins after the variety has been disposed of, handing to the local company so much per barrel and paying no attention to the
character of the output of the different associations. These apples must of course conform to the requirements of the Fruit Marks Act, but the feeling exists crop is not s selected from good-quality stuff. The Central has its own paid inspectors and instructors going from
warehouse to warehouse endeavoring to standardize the pack, but this, some of the growers claim, has not been accomplished. The packing of the growers' fruit at their own local shipping point and in turn
pooling each variety from the subsidiary companies pooling each variety from the subsidiary companies little incentive to keep on improving the quality
when some company in Hants or King's or Annapolis puts out more inferior stuff and gets just as much

The United Fruit Company might discriminate between the brands of the local associations, but if
the pooling system is not right the evil will still exist

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in the eutidiary organizations, where, with our the problem cannot be solved. If pooling is wrong from the viewpoint of the subsidiary companies it is also wiong from the viewpoint of the individual growers who must combine-their crops at the headquarters of their own little concern. There is just as much difference in the quality of the crops of of the several local companies. Aould be in the packs company has grown up which recognizes each local association, that sells through it, as a unit
unto itself. While the evils of the pooling system are partially overcome in this way, they are not ob literated. The growers in the: small centres still pool
their fruit.
Truit company of such an enterprise as the United manager and his staff. In the initial stages a gentleman was employed as manager, who had grown up with the apple business and was acquainted with ing. The United Fruit Company made a move in the beginning that co-operative associations too seldom do; they engaged a man who had made a success of his
own business and was still young and agressive enough own business and was still young and aggressive enough
to make a success of a business for someone else. Regarding his services and the returns he brought to the growers there was little complaint, but a feel-
ing developed that he was not devoting, all his time io the company and in the natural course of events
to to the company and in the natural course of events
another took command. The present Manager has been connected with the Central Company since
its inception. He has been a successful business man and public servant but he hàs no easy master to serve. The public demand a "strict accountability" and any move to exploit new markets or develop old ones must bring results, for the growers
always disregard the motive and consider the deed.

It is with regard to expenditures that the people are most exacting. They feel that more salaried me business.
Another complaint made is that the settlements are too much belated. Sometimes the final statements
are not issued till June, and, while the growers can obtain advances of money, they prefer early settlements so they will, to use their own ex-
These are a few items which are
for the United Fruit Companies of causing trouble
Cause and Effect.
There was need of a strong co-operative company in the Annapolis Valley and it was brought into being. While all the growers have not thrown in
their lot with the enterprise, there are very who have not been benefited by its existence. In fact, those who have remained independent have perhaps profited more than the members themselves, for the Company not only had to meet all legitimate competition but they were obliged to face the obstacles and avoid the pitfalls laid by the interests which were growing rich out of their dealings not but influence the prices returned opposition could and subsidiary companies. Futhermore they sent representatives abroad to exploit new markets and develop those to which the Valley had been catering Ior years. This of course was charged up to the members, while it was of almost equal value to those Who still remained outside. The independent growers Were, paid good prices for their apples at the shipping points, and members of the Company did not fail of sales is received by a exceptionally good account about, but there is never any mention made rerardin the average returns and how they compare with the receipts of the co-operative man compare with

Such a body of men, who represent upwards hity per cent. of the growers, have sompe
when they enter a protest or prefer a claim When they enter a protest or prefer a claim.
Company have been instrumental in bringing reforms which have been good not only for th
Instances could bors and shippers at large having command of a cited where the Central br having command of a large quantity of fruit, body
relieved congestion by diverting the While this works to the advantage their shipmeitis the independent grower also profits by the member condition of affairs.
The prices received by those who have not joined which would not have accrued competitive prices ganized body conducting business the there no or:

Regarding salaries, members should
consideration the value of men who can take inito business and bring them results. Any conduct the prise would not hesitate to pay double the amorpaid by the Company, if the business was prosnount The cost of handling each barrel of apples and the net returns for the same are the deciding factors
$\qquad$
While there may be disgruntled members and dissatisfied subsidiary companies that is not the fault o Valley duty of the members. to make it right and still contione the
dere the business which means so much to them. He is a very narrow-minded g.ower who "knocks" the United Fruit if they actually spoke their mind, would like to see few, out or existence, and readers should not think for go minute that there is any danger of it doing so. The present Manager said only a short time ago that never such loyal and of the organization had it enjoyed

## Automobiles, Farm Machinery and Farm Motors

## Preparing for Winter.

In another month or two a large percentage cars that have been used exclusively for percentasure, wil be stored away in buildings of some kind, sort or
description. A small percentage find lodgement description. A small percentage find lodgement
in city garages where they are always kept well in city garages where they are always kept well
heated and in excellent condition. A larger proportion, however, are put away in barns or or other intend to do any work upon your motor during the winter months, do not forget that there is a new disease called petromortis. This is caused by the injurious gases filling the air in any garage not pro-
perly ventilated. See to it that your storage facil perly venclude ties. See to it that your storage facili ties include windows or pipes that will provide
definite quantities of fresh air at will Here is another cool weather suill
course you realize that freezing suggestion. Of
forestalled. If you are going must be forestalled. If you are going to use your car on the
warmer days of winter and do not wish to be warmer days of winter and do not wish to be
constantly draining the radiator you should remember that a small radiator requires two quarts of wood alcohol, the medium and one-half quarts denatured wood alcohol or five quarts denatured, and the large size five and a half quarts wood alcohol or seven quarts denatured. This mixture will keep radiators from freezing at zero.. If a cold snap comes and there is danger of the mercury dropping to twenty
 prevent freezing at thirty-five and forty degrees below zero, the quantities must be increased to one also be well to rememher that wood alcohol is would effective than the denatured product under or-
dinary circumstances, but that at dinary circumstances, but that at lower tempera-
tures there is very little difference. In using it out thoroughly withe entire cooling system and wash added the proper amount of alcohol, fill the radiator to the usual level with clean water, then be sure solution may be properly mixed. tendency to evaporate more or less rapidly the coldest weather, and more must be added from
time to time to keep the solution time to time to keep the solution up to the strength
desired. Perhaps a pint every fortnight desired. Perhaps a pint every fortnight will be
sufficient, especially if when running the motr you do not allow the mixture to steam. Some people or four ounces of good results from adding three
therine to to the solution, and course.
Most of the good motors are equipped with vacuum tank systems for drawing fuel to the carburetor,
and after a season's running this very excellent device may require a certain amount of attention. There in the strainer at the top of the tank, - perhaps too the cover has become slightly loose, admitting air, and the third
cause for minor trouble may be the looseness of nections on the suction pipe at the manifold end or where it joins the vacuum tank itself. Just to satisfy yourself
that the vacuum system is in good running might be well to give it an overhauling at your earliest
convenience. If everything is found in satisfactory
condition, you have the joy of knowing that the
season's work has been satisfactory and that your car, so far as its fuel transmission is concerned, is ready for another season's work.

## The Gas Engine-the House-Wife's Helper.

Few practical farmers would listen to a salesman who offered them, at any price, a hand-power feed grinder. The same men will go to town, purchase washing machine so large that it would almost stall one-half horse-power engine to run it. Do they think where the power to run this machine is to come from? (True it is that some men run them, but not always). No, they take it for granted that it is so far anead of the old method that the wife or hired girl should be satisfied to turn the crank or work it back and forth in whatever the prescribed method may be
as always uses to which a gas ergine of the most important some labor-saving engine could be put. What about . ther washed the work, the Monday would be a could be easily washed, the Blue Electric light is another source of power makes possible this the more common labor-saving devices, but let us look of some others that are possible.
Let any man watch a woman preparing a meal countless little things which tire her more by doing mill relieve the house-wife of A dish washing machine of all tasks. Why should the country woman not have driven by hand could give power to a food chopper tasks in the kitchen. grinder, etc., and do many other clean and easy to start. She does not engine must be will spatter oil all over. Many reliable engines are on the market and do excellent work when used in-
telligently. Labor is scarce and often hard to get along
with; herein lies a Many of our readers will say these ideas are just
notions and sound very nice but are not are contemplating building large modern country many many have done so already, and this question should many times if so much of the drudgery that rightly
drives girls off the farm will be eliminated. Most
men will gladly help to do their part if there it for something like this, so be sure and let them know we had not the time to do in the past; (2) to do things
better than is

## FARM BULLETIN.

Are We Patriotic Enough? Editor "The Farmer's Advocate"
One might scarcely think it necessary to ask" ant the war began more than three hundred that since thousand men have answered the call of King and country, while something over eight million dollars have been raised for war purposes. Yet in spite of this notable record we are convinced that there is a ack of true patriotism among many Canadian citizens of those who have enlisted a very large percentage he British Isles, and have in this country are from a few years or months. For two years now ther names have been appearing in the Canadian now their lists with the next of kin invariably found in Ireland Scotland or England. Why, may we ask, have eso
many Britishers in Canada enlisted for ovess service? Is it not largely due to the fact that England has been attacked by the foe, and that they have loyalIt is only because call to defend their native shores? our own shores were not invaded, while the supremacy of Britain and her Allies on land and sea supremacy guarantee that we shall be left unmolested. Because of this it is just as much the duty of Canadians to enlist, even if the battle-ground be Europe, as for
those of the Old Land who were here for so brief

The writer was present at a meeting where presenta-
tions were made to the boys (nearly all English) tions were made to the boys (nearly all English)
who had enlisted for overseas service. No cheers greeted the names as they were read by the chairman by the audience as was shown or approval manifested of Britain and her Allies. In this stupendous strusole for the liberties of the human race every Canadian should be interested in helping to bring victory to the young and old, whose attitude is one of selfishness and indifference when it should be one of sacrifice and service. We are proud of the many who have answered the call and have given to a great cause the last mult measure of devotion, yet we think, before
this struggle ends there wlll be a demand for greater
sacrifice than sacrifice than has yet been rendered. Kipling's

## No easy hope or lies Will lead us to the goal

Will lead us to the goa
But iron sacrifice
Of body, mind and soul.
For all we seek and are,
Arise and face the war!
The Hun is at the gate."
There have been those who, like Count Tolstoi,
held that patriotism was a curse and the cause of strife between nations, but a curse and the catriotism that he and others saw and condemned must have been of a jingo variety and not of the noble sort that Webster defines


## THE ROYAL BANK OF CANADA

## Caplital Authorized - - \$25,000,000 Capltal Pald UP $\quad$ : - $\quad 111,755,000$ Reeerve Finde Reserve Frinde 13,235,000

HEAD OFFICE: MONTREAL
Branches throughout enery Province
of the Domsinion of Canada

## Accounts of Farmers <br> Invited <br> Sale Notes Collected

Savings Department at all Branches
to \$1.52; old crop, \$1.35. Manitoba (track, bay ports)-No. 1 northern, 3 northern, $\$ 1.701 / 2$
Oats.-Ontario, No. 2 white, 54c. to 56 c ; No. 3 white, 53 c . to 55 c . Manitobá $601 / 2 c_{0}$; No. $3,60 \mathrm{c}$. ; extra No. 2 C. W., 60 c .; No. 1 feed, 59 c . Barley. - Malting barley, 90c. to 92c., nominal; feed barley, 85 c . to 87 c ., nominal. Peas.-According to freights outside; Bo. $2, \$ 2.15$ to $\$ 2.25$, nominal.
Buckwheat.-Nominal, 85
No. 3 yellow, 98c. (track ${ }_{j}$. Toronto)
Rye.-No. 2, new, $\$ 1.18$ to $\$ 1.20$;
No. 1 commercial, nominal.
Flour.-Manitoba first patents, in jute bags, $\$ 8.80$; strong patents, in jute bags, $\$ 8.60$. Ontario, new, winter according to sample, in bags, $\$ 7.25$ \$6.50, bulk, seaboard.

## Hay and Millfeed

Hay-New, No. 1, per ton, $\$ 10$ to 12; No. 2, per ton, $\$ 9$ to $\$ 9.50$.
Straw.-Car lots, per ton, $\$ 7$ track, Toronto
Bran.-Per ton, $\$ 29$
Shorts.-Per ton, $\$ 31$,
Middlings.-Per ton, $\$ 32$.

## Country Produce

Butter.-Butter again advanced one cent per pound wholesale during the past squares, 39 c . to 40 c . per lb .; creamery, solids, 37 c . to 38 c . per lb .; dairy, 31 c .
to 32 c . per lb. ; separator dairy 35 c to 32 c . per lb .; separator dairy, 35 c . Eggs. - Eggs
ing at 43 c . per dozen in stationary, selleggs in case lots bringing 36 c . per dozen, and selects in case lots 39 c . per dozen.
Cheese.-June, 24 c . to 25 c . per lb. new, 22c. per 1 lb, ; twins, $22 \frac{1}{2}$. per lb .; with an active demand. Sixty-lb price selling at 12 c . per lb .; 5 - lb . tins at 12 ti c c.
per lb .; one- lb . sections, $\$ 2.40$ to $\$ 3$ per per lb.; one-lib. sections, $\$ 2.40$ to $\$ 3$ per
dozen.
Poultry--Poultry remained about stationary with the exception of turkeys which advanced. Spring chickens, per
$\mathrm{lb} ., 15 \mathrm{c}$. ; spring ducks, per lb., 12 c. ; geese, per lb., 12 c. ; turkeys, young,
per $1 \mathrm{lb} ., 25 \mathrm{c}$; fowl, 4 lbs. and per $1 \mathrm{~b} ., 25 \mathrm{c}$; ; fowl, 4 lbs . and over, pe
lb., 14 c. ; fowl, under 4 lbs ., per lb,, 12 c .
squabs per dozen, dressed, $\$ 3.50$ to $\$ 4$ squabs per dozen, dressed, $\$ 3.50$ to $\$ 4$.
Beans.-Hand-picked. $\$ 5$ per bushe Beans.-Hand-picked, $\$$
prime, $\$ 4.50$ per bushel.

## Hides and Skins.

## City hides, flat 20c. <br> \section*{cured, 18c.; country hides, part cured}

 skins, per lb., $25 \mathrm{c} . ;$ kip skins, per lb. 1 b .22 c. ; sheep .skins, city, $\$ 2.50$ to $\$ 3.50$ sheep skins, country, $\$ 1.50$ to $\$ 3$; lamb
skins and pelts, $\$ 1$ to $\$ 1.50$; horse per lb., 38c. i horse hides, No.1, $\$ 5$ to
$\$ 6$; No. $2, \$ 4.50$ to $\$ 5.50$. $\$ 6$; No. 2, $\$ 4.50$ to $\$ 5.50$; wool, washed,
42 c . to 46 c . per lb.; wool, rejections, 35 c. to 38 c . per lb .; wool, unwashed,

## Wholesale Fruits and Vegetables.

Receipts declined considerably on the wholesale fruit market, peaches especially.
The bulk of those which were shipped were poor quality, the few choice
ones advancing in price; 6-qt. flat
sold at 25 c . to 40 c .; 6 -qt. lenos at 35 c sold at 25 c . to 40 c .; 6 -qt. lenos at 35 c .
to 50 c ; 11 -qt. flats at 30 c . to 65 c ., and 11 -qt. lents at 40 c . to $\$ 1$; an odd one bringing $\$ 1,25$.
at 30 c , to 50 c , were poor quality, selling at 30 c . to 50 c . and 60 c . per 11 -qt. basket. Plums were scarce; the 11 qts . selling at 50 c .
basket
Ripe tomatoes were quite scarce, and sold at 40 c . to 50 c . per 11 -qt. flats, and G0c. to 60 c . per $11-\mathrm{qt}$. lenos. at 15 c . to 20 c . per 11 -qt. basket. Beans.-There were a few beans
shipped in; the green selling at 35 c per $11-q t$. basket, and wax at 50 c . to Beets were q.
Beets were scarce at $\$ 1.35$ per bag,
and 40 c . per 11 -qt. basket.
Cabage remained
$\$ 2.25$ per bbl. 35 high priced at basket, and $\$ 1.35$ per bag.
Celery -Home-grown
Celery.-Home-grown was very poor
quality, selling at 15 c . to 25 c . and 30 c . per dozen; Brighton, 40 c . and 65 c . to 75c. per dozen; British Columbia, $\$ 2$ Corn varied gre
at 10 c , to 20 c . per dozen.
Onions were very firm at $\$ 2.75$ $75-\mathrm{lb}$. bag; $\$ 3.75$ per $100-\mathrm{lt}$. bag, and 50 c , to 60 c . per 11 -qt. basket. The Spanish selling at $\$ 4.50$ per case.
Parsnips were only shipped in small quantities, and brought 40 c . to 50 c . Potatoes declined
Delawares selling, the New Brunswick British Columbia's, $\$ 1.60$ per per bag; Edward's, $\$ 1.50$ per bag.

## Montreal.

The local cattle market was steady during the past week. Demand has only been light, and at present prices which supposed that trade will be only to be than it was when the market was lighter No particular change was noted during the past week, and sales of good steers were made at $71 / 4 \mathrm{c}$. to $71 / 2 \mathrm{c}$., with medium quality ranging from 6 c . to 7 c ., and common selling all the way down to $51 / 4 \mathrm{c}$ Butcher cows were still changing hands at
$41 / 2 \mathrm{c}$. to $61 / 4 \mathrm{c}$. per lb , while bulls brought $1 / 2 \mathrm{c}$. above these figures. The market for lambs was slightly easier, prices being fully $1 / 4 \mathrm{c}$. lower. Ontario lambs changed Quebecs at $81 / 2 \mathrm{c}$. to $831 / 4 \mathrm{c}$. per lb . She, Shd were in fair demand, and the price was was a good demand for calves and was steady at 7 c , to 10 c e the market feature of the market was the further easiness in the price of live hogs. These per lb ., and the demand was to $111 / 2 \mathrm{C}$ Horses.-The market continued dull, and offerings were as light as demand,
Prices continued unchanged heavy draft horses, weighing 1,500 to horses, weighing 1,400 to ; light draft horses, weighing 1,400 to 1,500 lbs.,
$\$ 150$ to $\$ 200$ each; small hases $\$ 100$ to $\$ 125$ each; culls, $\$ 50$ to $\$ 75$ each; $\$ 200$ to $\$ 250$ and
cline in the price-The continued d the market for dressed hogs, took place at $161 / \mathrm{cc}$. per lb., this being
fully $1 / 2 \mathrm{c}$. lower than the recent prine Potatoes. -Offerings were becoming more liberal, and, as a consequence, the
price, though still high, showed an easier quoted at $\$ 1.35$ to $\$ 1.40$ per car lots were ex-track. In a jobbing way prices wera-
en
about Maple Syrup and Honey.-Demand for prices were unchanged, being 15c. per for white extracted, and for brown clove
comb, while brown extracted brought 2 c less. Buckwheat honey was 9 c. to 10 c
There was no change in the market for

tin; and $\$ 1.25$ to $\$ 1.50$ per $13-1 \mathrm{l}$. 11

Eggs- It secmed almost impossible to

lthough quotations stock at any price,
or this quality.
$\$ 5.50$
$\$ 6.75$
to 86.50
cutters
export is still going on to the other side. No. 1 selected eggs were quoted at 38c,
No. 1 candled, 34 c ., and No. 2 candled 30c. per dozen.

Butter. - The market for butter was unusually strong, and prices advanced during the week. Finest creamery was quoted at 38 c . to $381 / 2 \mathrm{c}$. per 1 b , while fine quality was about $1 / 2 \mathrm{c}$. under these figures. Consumption is naturally restricted by the high price. Undergrades were quoted at $361 / 2 \mathrm{c}$. to 37 c . to cover all qualities
Cheese, -This prod
highest price in history sold at the price of $2113-16 \mathrm{c}$. has been paid Peterborough, and at the Montreal auction Eastern cheese sold at $2111-16$ c. Quotations here for Western colored were $215 / 8 \mathrm{c}$. to $213 / \mathrm{c}$. for fine, and $213 / 8 \mathrm{c}$. to $21 / 2 \mathrm{c}$. for finest Eastern. White sold Grain.-Little $1 / 8 \mathrm{c}$
the market for hange took place in No. 2 Canadian Western oats sóld $621 / 2 \mathrm{c}$. to 63 c .; No. $3,613 / 4 \mathrm{c}$. to $621 / 4 \mathrm{c}$. extra No. 1 feed, $613 / 4 \mathrm{c}$. to $621 / 4 \mathrm{c}$.; No. 1 feed, $611 / 4 \mathrm{c}$. to $61 \mathrm{~L} / 2 \mathrm{c}$.; No. 2 feed, 61c. Folour - Prices ex-
Flour.-Prices advanced during the week, and were then at a new high record first patents were 99.40 . Manitoba seconds were $\$ 8.90$, and strong barre, 88.70, in bags. Ontario winter wheat four also advanced, and 90 per cent patents were selling at $\$ 8$ to $\$ 8.30$ per barrel, in wood, and $\$ 3.80$ to $\$ 3.95$ per
Millfeed--No change took place in
this market during the week. this market during the week. Bran middlings, $\$ 31$; mixed mouille $\$ 34$, $\$ 29$; pure grain mouille $\$ 36$ per ton $\$ 34$, and Hay.-The market was
$\$ 13$ per ton, carloads, ex unchanged a baled hay; $\$ 11.50$ for No. 3 , and $\$ 10.50$ Hides.-Lamb skins were up to $\$ 155$ each; calf skins were 30 c . per lb. for No 21c., 22 c and 23 c . , beef hides were 2 and 1. Horse hides were $\$ 1.50$ each for No. 3; $\$ 2.50$ for No. 2 , $\$ 3.5$ refined, apd Tallow was 8c. per lb, for

## Buffalo.

the past week were offerings at Buffalo the past week were again pretty liberal half fat, cheapish kind of steers of plain, of shipping steers figured fifteen to twenty loads on Monday, and with the exception of two or three loads, were in the main, strong-weight, Ohio steers sold load ${ }^{*}$ of and hest Canadians ranged from $\$ 8.40$ selling up to $\$ 8.75$; light weight steers
s. running on down to $\$ 6.50$ to $\$ 7$. $\$ 7.50$ to $\$ 8$, but $\$ 7.65$ to $\$ 7.85$, with some steers in, generally took the best handy sold down to $\$ 5.50$ to $\$ 6$. few best heavy ones sold up to $\$ 7$, but On feeders $\$ 7.15$ was paid for the brice.
load, being Canadians. Rulls sold about steady prices, and choice milchers Market ruled generally steady on shipping. steers, but on a medium and comming kind of steers trade looked from 15 to sold at about steady of the fat stuff
is stronger for the well- Demand is stronger for the well-finished gradesthan ceipts for the week totaled 5,275 head as against 5,800 for the previous week,
and 8,500 head for the corresponding

Shipping Steers.-Choice to prime
natives, $\$ 9.50$ to $\$ 10.50$; fair to pood
natives, $\$ 9.50$ to $\$ 10.50$; fair to grod,
$\$ 8.75$ to $\$ 9.25 ;$ plain, $\$ 8.25$ to $\$ 8.60$;
hest Canadian, $\$ 8.50$ to $\$ 2.5$
yood, $\$ 8$ to $\$ 8.50$; common and plain,
$\$ 7.50$ to $\$ 8$.
Butchering Steers. - Choice heavy,
$\$ 8.50$ to $\$ 9 ;$ fair to good, $\$ 8$ to $\$ 8.50$;
best handy, $\$ 8.50$ to $\$ 9$; fair to $\$ 8.50$;
$\$ 7.25$ to $\$ 8.25 ;$ yearling;, prime, $\$ 9.50$
to $\$ 10.25$; fair to good $\$ 8$;
Cows and Heifers. Best handy butcher

Bulls.-Best heavy, $\$ 6.75$ to $\$ 7$; gon butchering, $\$ 6.25$ to $\$ 6.50$.
Stockers and Feren $\$ 7$ to $\$ 7.25$; common to good, $\$ 6.25$ $\$ 6.75$; best stockers, $\$ 6.75$ to $\$ 7$; common Milchers and Springers
in small lots, $\$ 80$ to $\$ 100$. - in to best $\$ 70$ to $\$ 75$; medium to fair carlcads lots, $\$ 60$ to $\$ 65$; in carloads, $\$ 55$ to $\$ 80$ common, $\$ 40$ to $\$ 50$.
of the season the -Market showed the worst break $\$ 1.75$ season the past week, a drop of On Mor cwt., being noted in seven days. ing sales were mas $\$ 0.00$, few scatterbulk sold at $\$ 10.25$, $\$ 10.30$ to $\$ 10.40$, Tuesday heavies sold from pigs 89.25 ; $\$ 10.40$, most of the Yom $\$ 10.25$ to at $\$ 10$, and pigs generally $\$ 9.75$; Wednes day nothing brought above $\$ 9.65$, with other sales ranging on down to 59.50 and pigs, $\$ 9.25$; Thursday prices were up ten to fifteen cents, and Friday the market ruled steady to a dime higher, heavies
selling at $\$ 9.90$ and $\$ 10$ Yo $\$ 9.75$ and pigs $\$ 9.25$, Yorkers mostly $\$ 9.15$ and stars $\$ 8$, roughs $\$ 8.75$ to the past week were 34,500 head, Receipts pared with 26,256 head for the comprevious, and 30,100 head for the same week a year ago.
Sheep and Lam
Sheep and Lambs.-Trade was good the past week. Monday and Tuesday top lambs sold mostly at $\$ 10.60$; Wedneswent at $\$ 10.75$, with; Thursday bulk Friday the $\$ 10.65$. Feeder buyers paid and $\$ 9.50$ for re-sorted cull lambs and those that had to go for li.ill went mostly rom $\$ 9$ down. Sheep were scarce, ewes which comprised the bulk of the receints in this division seling from $\$ 7.25$ to $\$ 7.50$. Top for yearlings was $\$ 9$, and best For the past weel quotable around $\$ 8$. head, being against 17,604 totaled 14,800 week before, and 18,700 head for the week a year ago.
Calves.-Market showed improver as the week advanced. Monday, Tues day and Wednesday tops sold mostly t $\$ 13$; Thursday a few made $\$ 13.50$ and Friday best native veals brought up part of the week and on Friday's up to $\$ 12$. Around 200 head of Canadians were here Friday, and the top veals out of those sold at $\$ 13.50$, with the culls $\$ 12$ down. Some heavy rough Canadians moved around $\$ 7$, and grassers sold fown around $\$ 5.25$ and $\$ 5.50$. Receipts the past week were 2,050 head, weiterns, ornall, 22c: Montreal, 1210


Sale Dates.
Elgin County Pure-Bred Stock, St Thomas, Ont., Oct. 17 .
R. O. Morrow, Holstein dispersion sale, Hilton, Ont., Oct. 18.
O. A. C. Pure-Bred Stock, Guelph, Nov. 8-Western Ontario Consignment
ale Co., Fraser House Sta!les, London, Ont., Shorthorns.

## Coming Events

pringfield, Mass Dec. 1 to S-Ontario Provincial Winter
uelph, Ont.
and 1,800 head for the same week a year
ago.

## Chicago

Cattle.-Beeves, $\$ 6.60$ to $\$ 11.35$; westreeders, $\$ 4.75$ to $\$ 7.75$. $\$ 0$; stockers and $\$ 3.50$ to $\$ 9.40$; calves, $\$ 8$ to $\$ 12.50$ Hogs - 25 c . higher; light, $\$ 8.10$ to $\$ 10$; $\$ 10.05$; rough, $\$ 8.90$ to $\$ 9.15$; pigs, $\$ 6.75$ Sheep.-Lambs, $\$ 7$ to $\$ 10.30$.

Cheese Markets.
Mont Joli, Que.,21 9-16c.; Napanee, 22c. Alexandria, white, 22c.; colored, $221 / \mathrm{c}$.



October Woods.
by ida whiptle bentan
The frost has opened the chestrut burrs And the nuts fall lazily, two and three;
The suiirrel chatters, the partridge The squirrel $\begin{gathered}\text { whirs, }\end{gathered}$
And whirrs, red-capped woodpecker bores Oh, lightly and lightly the birch leaves Like $\begin{gathered}\text { groing } \\ \text { spen }\end{gathered}$ butterflies loosed in And bright as the sails of a fairy boa
The walnut leaves take wing.

Now come, now come, far down the lane The asters beckon, the robins call The shrunken brook grows broader again,
And leaps in a laughing waterfall Over the stile, and over the bridge, Adown the path where the meek cows stray
By glen and hollow and windy ridge
Let us follow the woodland way.
See! how the marvellous cloth of goldWide as we wander is still unrolled Wide as we wander is stil unrolled, The breadth of the woodland is joy to
The mingled odors of leaf and flower, And clustering fruit where the wild The nak wreathe

Softly into the vistaed wood
Through painted windows the sunThe hushed winds walk in pensive mood Down many a solemn Gothic aisle
The golden clouds hang low in air,
The golden clouds hang low in air,
Wrapped in their folds the late sun
And the tall trees stand as if in prayer
With their beards upon their breasts. With their beards upon their breasts.

Letters From Boys at the Front.
t. The first of these letters was sent
Ris his mother by L.ieut. Hamilton
Bingle Bingle, who went overseas with the
Princess
Pats Princess Pats in August, 1914 , and is
still fighting in the trenches, now with still fighting in the trenches, now with
a reegiment from Middlesex, England. George T. Noice, who young private George T . Noice, who also went to
the front in 1914 , was severely wounded
. twice in France, took pert in the famous
landing at Sulo Ray, and is now in Eyypt, still "un Active Service ondoing
office work for the arm, although incapacitated, by reason of his injuries from doing further duty on the field. what these brave boys have to say.-
Ed.] My Farming in France. I had one letter from you this week,
and I've no doubt there is more for me somewhere, as the mail has been
held up for us a little. This is Saturday night, mother, and the best Saturday night I've had since I came out this
time.-Fancy a nice rest for a few days behind the line where there are
no shells and things, no shells and things, and where the
sound of the guns is faint. -It's like or something like that. It won't be for long, for long before this reaches you I expect I will be back and into will certainly make the best of it.
The country looks absolutely beautiful. Tell dad that the crops are perfect.
The wheat is a bumper crop. I was
in one wheat field to-day and found Some heads which measure seven inches.
That is almost a record, isn't it? I've
seen some big heads at home, but these seen some big heads at home, but these
out too, and the straw very clear and (or at least the tough. The farmers men) are doing the harvesting. They have Deering and McCormick binders here. I notice a great many of these
binders. It makes me think that the French Government may have taken a hand and provided binders to facilitate see these his trams in. You should get along with a binder. They walk up fast and seem to pull it with apparent ease. None of the field furrows are as deep as we have at home, so going across the end there is hardly any dip to the machine-no weeds nor grass a man bottom of the sheaves. I watched to him to tighten up the suggested his trip to get a bigger sheaf and showed him how to do it, as he did not seem familiar with the machine, and he was quite tickled. He thanked me quite profusely, but as it was in his own language our conversation was rather limited. I also got him to use a longer things the I. H. C send out are no good for these big teams they have over here. The old man explained to me that his team ran away the first time
he hitched them on to the binder and they saw the reel going around behind This country has England beaten forty ways for farming on a big scale. They have big fields here, like we do at is too much like a big park, and all chopped up with hedges running in every direction, to really make a business of farming. The trouble here is that the people simply grow stuff to eat
and not to sell, which makes the biggest and not to sell, which makes the biggest difference in their methods. The crops are not put in the barns, simply stacked
up in a series of small stacks, which are called "ricks." The straw is done the same after threshing. The barns, of course, being all brick, are not big enough to put much inside.
They have a remarkable way of


A Battery of Aircraft Guns Mounted on Pivots.
building what they call their "farms" here-house, barn, pig and sheep pens,
and stables, all adjoin in a tig square, with a brick pavied walk all around, on
the inside. Inside the walk, and in the centre of everything, is the manure heap. Fancy-this inner square is filled with manure and straw from the stables there are usually about 8 to 10 pigs running about loose over it! I don't see how the people stand it, but you
won't find a farm house in the whole country different. In front of the house, and some flower-beds and trees, they
have a garden. Fancy, cabbages and spuds growing out in front of the up over the garden too, and on wash day all the family linen hung up for all the passers-by to look at. Nothing seems to be done with any idea of beauty at all. To see anything nice one has to get out into the fields and away from the buildings. These people over here and some Americans come farm places for them and show them how to live. As for a telephone, they would no more have one in the house than keep an aeroplane to go for the cows. I might tell you that they milk the cows three times a day here. Why they do, I don't know. Perhaps they make butter in a barrel churn, and have cream separators (Sharpless), and in most other things are quite rational Windmills (the big, four-blade kind) are stuck up all over the country, and very little use is made of electricity. The main roads are all cobblestone, and traffic goes at a walk,-no such thing as a light rig, like a buggy or Percheron horse in it,-the thing with Percheron inorse in it,-the thing with at home. Every farm has two or three wolfish looking dogs, which are always kept chained up, and the smell from their kennels is in keeping with the various other odors about the place. Railways are fairly frequent, but no seem to stay at home, and what they do for any form of amusement I don' know, -go into the villages, and drink beer or cafe cognec at the Estaminets, seems to be the principal relaxation. The country is absolutely full of churches, and I suppose there is quite a hit doing in the religion line. If they courts, and baseball grounds. I should think life would be much more pleasant Perhaps it is much better here in peace time though. The men all seem lazy, and the women work like drudgery,
and they haven't any shape, (perhaps expect a woman to get out and hoe expect a woman to get out and hoe
spuds and pitch hay and then look muth, can you? Most of the women have a pair of arms like a blacksmith's, and a
back like a butcher, and from what I've seen, they all wear red flannel petticoats. (Perhaps I'm getting too perhaps, to be definite). It can't tell you much about the children, except that they are awful noisy, and there
seem to be millions of them as seem to be millions of them, as though in about twenty years another invasion

The weather lately has been beautiful, quite enjovable are fine and coolquite enjoyable arter the turn in the for long. You had some hot weather at home, according to the letters I've had, which I suppose is to make up for the wet, late spring. All the officers in my company, except the Major, in England or professors of some college and they take very little interest in anything they see in the country. One of them didn't know, the other day, whether a hen laid one egg a day or three or four, and another one didn't know what the hames were on a horse's harness. So, of course, they take very little interest in the agricultural
side of the war. The cows and cattle in general are not up to much, just plain red cows, without any particular breeding; and, ouitside of family use, I don't think dairying is much of a business. No such thing as Jersey and Holstein cattle like we have at home. Just the plain, red variety without any facy touches.-They are rather small, too, and poor looking for beef. I think a packing house would go broke in a
week. There are very few fruit trees of any kind, and I think the people put in most of their fruit-time on hops, which go to the breweries. These people drink a terrific amount of beer, (poor stuff, too, like $21 / 2 \%$ ). They even give it to a twenty-months'old baby,
but it doesn't seem to hurt the kids but it doesn't seem to hurt the lidds any.

Now 1 am going to finish this and haven't told you anything about the war, because I'm having a respite from the war and I will give you one. I will write again in a day or so, Give my love to dad and the boys, and with lots for your dear old self,

Your loving son,

## A Moonlight Trip to the Pyramids.

Cairo, August 31st.
Like most people who have ever been to Cairo I had made the journey to the pyramids in the day-time, but having been told that to get the best effeet they should be seen by moonlight, I and three of my chums decided that on the first opportunity
we would "do the Pyramids" by moonwe wo
light.
Choosing the first full moon we started out, and having only a limited time at our disposal chose the electric car as the quickest means of accomplishing the journey out.
It was a beautiful night, and although
we had already been over the ground we had already been over the ground in the daylight, the soft moonlight added effect as to alter it almost be yond recognition.
After a ride of about an hour over a road lined with avenues of lebbek trees, we came to the foot of the path leading to the largest and most famous of the three Pyramids of Giza-The Pyramid of Cheops.
Standing at the foot of this immense erection, one is almost overpowered structure, and of the separate pieces used in the construction. One of the first things that strikes one is to wonder how, without the aid of machinery, these huge pieces of stone were ever put in their places.
greatness of this Pyramid if if the greatness of this Pyramid if 1 tell and each side is 755 feet at the base,
the whole occupying an area of 535,824 square fect Having got rid of the inevitable crowd of Arab guides and donkey boys
all clamoring for hire, we decided to
make the ascent of the outside of the Pyramid, a task which proved more However than we had anticipated. hard climbing about half an hour's hard climbing "(which, I must say, arrived at the top and took a look at the surrounding country.
Down below us, looking like a huge rabbit warren, we could see the Harvard and other excavations, and away in the distance Cairo with its scintillating its countless and the Delta of the Nile with its countless rivulets and channels glittering in the moonlight. One is fancifut Oriental comparison of the Delta to a "fan fastened with a diamond stud." But time was getting short and we had other things getting short started on the downward journey This-was, if anything, a more arduous course we arrived at the up, but in due Kourse we arrived at the oot once more. kweeping to the road and turning of all the Egyptian mysteries the Sphinx. What once must have been a most beautiful piece of work now urface, and I cannot do better than quote you Kingslake's splendid descripon of this famous monument.
"And near the Pyramids, more wondrous and more awful than all else in the land of Egypt, there sits is, but the comeliness is not of this world the once worshipped beast is a de formity and a monster to this genera tion; and yet you can see that those lips, so thick and heavy, were fashioned according to some ancient mould of beauty-some mould of beauty now forgotten-forgotten because that Greec foam of the Aegean, and in flashing created new forms of beauty and made it a law among men that the mad and proudly-wreathed lips should stand for the sign and the main condition of loveliness through all generations to come. Yet there still lives on the race of those who were beautiful in the girls of Coptic blood will and Christian with sad and serious gaze, and kiss your charitable hand with the bigs pouting lips of the very Sphinx."
This is one of the best descriptions I have seen or read of this, the greatest of all the old-world marvels.
Having visited in turn Campbell's Tomb, in which were found the four
sarcophagi, and the Temple of the sarcophagi, and the Temple of the alabaster, we found that our time was at an end, and made our time back to the cars and Cairo well satisfied with our "Moonlight Trip to the

## Hope's Quiet Hour

## A Call For Volunteers

 I heard the voice of the Lord, saying Then said $I$, Here am $I ;$ send me. -Isa. 7:8.From utmost east, to utmost west By the moere'er man's foot hath trod of many messengers goes Give ear to Me, ye continents-ye That isles, give ear to Me . the earth may be filied with the
glory of GOD as the waters

What can we do to work GoD's work The brotherobod of of all manke mond-the
reign of the Prince of Peace? reign of the Prince of Pace?

The summer heat is over and the call for volunteers is sent out by the churches in city, town and country, So many
have answered their country,s volunteers that the need of Sunday School teachers and other church workers is greater than usual.
Did you think might comorottably it it was a a call you text. The Great Commander of the Army of God is still saying: "Whom
shall 1 send, and who There is no conscription in His great
army. He is the Lord of hosts-hosts of volunteers; who stand ready to be
sent on His errands The prophet Isaiah of the Glory of the Lord seen a vision him with fear and caused him thich filled "Woe is me! - because I am a man of unclean lips." Then he was given an outward token of forgiveness: he was assured that his iniquity was taken away, and that the Holy Spirit Was he to sit down with divine fire. with his own restoration to God's fatisfied No, his ears were now opened favor? great call for volunteers: "Whom shall I send, and who will go for us?" shall his response was swift and enthusiastic: "Here am I; send me."

Salonika is the Most Cosmopolitan Battle Front in Europe
Chinese soldiers eating a quick lunch in the presence of British and French brothers in arms


British Shells.
British offensive in the West. International Film Servics shells used in the
Last Sunday I said to a neighbor
of ours:" I suppose you will soon have a great deal to do in the way of church am hoping there will be a great deal to
That was the spirit of Isaiah when he
eagerly pleaded to be sent out on a
difficult task, even to rouse his hardhearted people to a sense of their dangerous The volunteer was at once accepted for the Lord said "Go!" inclined to shirk responsibility than more inclined to shirk responsibility than to
go forward with out-stretched hands
to meet it. Of course it is a great mistake to be over-confident, or to think we are quite capable of accomplishing any task ing in one's own 80 forward crust disastrous failure: but to be to invite God calls us to attempt ready when plainly wants us to do-trusting in His power, not in our own-is our only business in this world.
When Moses was told to deliver his people from the power of a cruel tyrant he made all the excuses be could think and they would that he was not eloquent and they would not listen to him, and to send a more capable messenger God had tried many years before to help Israel and had utterly failed. What

was the use of trying again. Yet when
he tried to evade Ciod's told: "The anger of the Lord was kindled against Moses." Which of us dare esponsibilities? Teachers are needed in Sunday School. uneasily manufacturing excuses as Moses or "I have no gift for good enough," no one has asked me, why should I this moment-be saying insistently you: "Who will saying insistently
answer to that call, let it be a true ans

If we are subconsciously thinling tiresome task," let us say that hard and to God and see what He thinks of excuse. A business man once th on his desk the motto: "Do the lian things first." I have no doubt har he made a success of his business.
Perhaps, like Moses, you have al ready tried and failed. The childre: behaved badly and apparently paid no of it! If you jurge by any. Well, what can see you are sure to come results you conclusion. Our part is up results, but to tell out God's meoinit faithfully and prayerfully. We are sow and water the seed-God can to trusted to give the increase. But be are lacking in common sense if we lool for the harvest as soon as the seed has

When a dy .
When a dying sinner prayed: "Tate my influence and bury it with me," Influence-helpful or a hard thing. easily buried. Even of your is not forget your words they will children forward-or backward-by the secret et mighty influence of your character You can't tell what you are capable of until you try. God asks for volunteers, but He does not require His solditis power for good own equipment. Our day, say heartily. "He if we, every me!" and then look to Here am I; send for wisdom and strength. Talking aboly religion-trying to force our views on other people-may only make them hate the subject. We all need to pray for what has been called "the divine gift of common sense," lest we do harm truth in love, not in must speak the failure may help to conceit; and a out of us. Until to take the conceit ourselves and trust in God we distru: raw recruits, not ready for hard warfare A man kept constantly before his eye a wine-glass with its foot broken off. Around the top he pasted a label with this inscription: "Hold Thou me up and I shall be safe." He said that it was a reminder of his own inability to
stand alone, and of the necessity of God's continual upholding.
In the last chapter of the Bible is written' the command: "Let him that heareth say, Come." If you have heard the voice of God-that still small
voice which is so full of voice which is so full of compelling
authority-it is not only your privilege authority-it is not only your privilege
but your solemn duty to carry His message to others. The great cominand to make disciples of all nations is still
sounding in our ears. If we are ignoring sounding in our ears. If we are ignoring applies to missionaries, and that all God expects of us ordinary people is a little money-perhaps a very little -given annually to the cause of missions, we are making a very great mistake. We are not responsible for the result of our sowing, but we shall have to give account if we withhold our seed-
"In the morning sow thy seed, and in the evening withhold not thine hand; for thou knowest not whether shall prosper, either this or that, or whether they both shall be alike good
Perhaps, like the fishermen of Galile,
you may say that you have toiled for you may say that you have toiled for a long time and have taken nothing. Then the Master's command may be: Launch out into, the deep and let down your nets." That doesn't at a heathen country. It certainly means nat your love for Christ is to to be so he people around you know whose yo are and whom you serve. There was a man who once said: "I would rise up from the dead to preach." The joy of Christ's service made him eager to share his gla
discouraged.
Character is marvellously contagious A director of one of the modern organized play grounds declared that he wanted tor supervisors: "Men that are so that their manliness and womanliness will rub off on the boys and girls and help them to become of the same sort. women wants manly men and womant school. He calls us to be pupil-teachers school. He calls us to be pupi-teachers. before we try to impart to others some thing of what we have already learned from the Head Master.

## October 12, 1916

## THE FARMER'S ADVOCATE

Phillips Brooks once said: "Take that task of yours, which you have been hesitating before, and shirking, and walking around, and on this very day lift it up and do it. We are called to be volunteers, not leaders. God may do our will, but that we may do His.

Follow on, follow on, till the night is Till the long hard quest has its end in And the Vision of Christ is won."

Dora Farncomb.

## The Windrow

Seventy-four firms in Toronto are now making munitions.

Over three thousand graduates and undergraduates of Toronto University are now on active service.

When the new span for the Quebe bridge is built rolled steel will be used instead of cast steel. This, it is thought

Dr. Evelyn Windsor, of Calgary is going on active service. She is the
first Canadian woman to go to the front first Canadian woman to go to the front as a doctor. Her
dressing stations.

The loss in materials of the span of the Quebec bridge which fell recently when being lifted into place, is estimated
at $\$ 600,000$, the total cost of the bridge, at $\$ 600,000$, the total cost of the bridge, when finisked, having been placed at $\$ 17,000,000$. If completed, this structure would cut 200 miles from the railway
distance between Halifax and the West.

A new type of ship, whose hull is
entirely built of concrete except for entirely built of concrete except for the ribs, which are steel, arrived recently at Christiania, Norway, from the shipyards of Christianiafjord. It is the first stone vessel ever floated, safer than vessels built of wood or steel.

The New York Central. Railroad has announced that its engineers have perfected a process for eliminating the covery was made by Dr. P. H. Dudley, covery was made by Dr. P. H. Dudley, has been at work for 40 years in a study of the cause and prevention of
rail-breaks. He is 72 years of age, rail-breaks. He is 72 years of age,
and for 33 years he and his wife lived and for 33 years he and his wife lived in a specially equipped car in which

An odd state of affairs exists in the vicinity of Salonika, where men from twelve nations have been brought to fight over neutral territory, which be-
longs to none of them and to which none lays claim. The nations are: Albanians. -Germans, Bulgars, Austrians, Powers garians, Turks.

The war has done wonders in England. It has been iscovered that England. It has been discovered that women are useful as well as ornamental,
and that the nation needs them. Premier and that the nation needs them. Premier
Asquith, formerly a pronounced opponent of equal suffrage, has declared that the women must have recognition in the new electoral bill. The trade unions, once so ungenerous toward the weaker sex, have at last allowed them to enter the workshops. "-The Independent.

According to an official Yellow Book, in which the in France, the manner ported the inhabitants of the cities in the captured areas of the north25,000 from Lille, Roubax and Tourcoing alone-was heartless in the extreme. Families were ruthlessly torn apart, ages of 15 and 55 , being, between the The French factories for the Germans. The French people are greatly incensed

Jack London, the noted writer, valley in California, the original of his "Valley of the Moon," he has a ranch of 1,300 acres, of which he is very proud.
He raises the biggest and He raises the biggest and best crops the best bred, sleekest and stock is he has a 75 -acre vineyard, and a fattest; prune orchard that yields an annual average of near 12 tons; also he built the first concrete silo in California, 43 feet high and 11 feet in diameter. Seven years ago Mr. London started with 'buying beauty as he says, he has been "buying beauty ever since.
counter.
in
jur
"K
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by
in young girl recently killed herself jury, however, brought. The coroner's "Killed by idle qossin " the verdict. had been guilty of nothing actually wrong, but "the gossip disseminated by the women of the village blackened her name until she could bear the suspicious looks and spoken taunts no longer, and so she ended her life." The event caused an antigossip crusade, an account of which appears in Pearson's


Giant Tractor Used by British Army

## Like a kangaroo, the forward part of the truck rises high in air when it is about to go up a

Her Highness the Begum of Bhopal, India, perhaps the richest woman in to the Allies, ever since the beginning of the war. She offered to train remounts for the Government, and the himperial Service Lancers were She also garrison duty at Meerut. use to France, ten tentributed $\$ 28,000$ for the Prince of Wales' Relief Fund, $\$ 8,000$ for comforts fot Indian troops, and $\$ 1,000$ for relief of Belgian sufferers. She set out herself on active service, but was invalided at Aden. Bhopal is the is ${ }^{\prime}$, tate in and the where the ruler is the only living woman ruler who has been in action with her own troops. During a pilgrimage to Mecca she and her body guard were attacked by Arabs,
"A society has been formed and rules drawn up. The entrance fee has been fixed at a nominal sum, because the society desired to embrace all classes, both rich and poor. Our richer women are just as adept at robbing others of their character as are the women each other from their respective wioor

## ${ }^{\text {steps. }}$ The organizers are quite hopeful

 of minimizing the number of gossips, because they are convinced that the worst offenders talk scandal more from a matter of habit than through any really inalicious desire to injure ${ }^{\text {ano }}$ MembMembers must take a vow to avoid kind starting or spreading any unnor will they listen to a person who
tries to tell them. To repeat what they have heard, even if known to be true, is equally as bad as to set the ball of this law a fine is imposed, graduating from a shilling up to the maximum fine of ten shillings. After ten slips the women are to be blackballed as incurables.
If we pick up mud and throw her clothes the law; no can get redress through however, ever dreams of throwing mud at her friends
"If, on the other hand, we imagine that she is too flighty in her behavior, we repeat all her strivial little our beliel, actions, we are flinging mud at her character, and she can get no redress unless it should happen to interfere with the earning of her livelihood, or can be proved a malicious act.
Idie gossip does more harm than anything else in the world, and if the organizers of the antigossip crusade to make it universal they will do inestimable good for the general happiness of the community.
"Charity, like all else, should begin at home, and those who cannot join the crusade should begin in their own amily circle and resolve not even to think ill of their friends, acquaintances, knowledge. When ugly tales are told knowledge. When ugly tales are told
them these should be immediately forgotten.
"Before making a statement about any one, do not forget to let it pass the three golden gates: 'Is it true?' 'Is it needful?' and 'Is it kind?'
ossip crusade. "-Literary of the anti-

## Common Decency

(The 'Public Ledger,' Philadelphia.) Trust in common decency and general thinks there is something radically wrong with the race he had better look within and see what part of his owit being needs tinkering.
Most people are doing their best and are trying to live and let live according to the light vouchsafed them. minority, or life would be insupportable The leaders of the people are chosen Trom those whose faith in the people is high and fine and strong. The crowd cannot care for a man who does not believe in its essential goodness crand honesty.
Does
Does this mean that the only good thing is the popular thing, and that the right way is the way the crowd takes? something better than the rest have you may not hug it to yourself and


Serbians Arriving in Salonilka, Ready to Fight Again.
run of with it, like a selfish animal that The discovered something good to eat. divisible. You are yourself a product and a survival out of a mob of ancestors: and the question now is, what will you dispense to this contemporary throng? have never made the mistale natures down upon their fellows. Theoking not despised nor condescended. They have confessed themselves not wey and disgusted with the evil that lives on earth among men, but touched and quickened by the perennial virtue that does not die with the virtuous. The poets and the philosophers that have have read deeply into the are they who of a man and have seen as in a book the authentic legend of his career
character. "To love is to understand."
The deeper one looks the better opinion one entertains of those who are poor and still brave, are tempted and with mishap pestered and badgered not look in the stately pleasure parks of those who can pay any price for anything if you would find the bubbling spring of happiness, but seek for it in the dooryard of some humble rural homestead where contentment dwells because love abides.
The crowd is
it is seen in a truly seen when it is seen in a mass: it is made of people
built like you and me. To our finite understanding it is a moving miracle of numbers: it is hard for us to conceive that these thousands upon thousands have nearly all some sheltered place where they rest at night, a table somewhere spread, a circle of friend with whom they clasp hands frequently Traverse
evenings, and on piazza after biazza or on one flight of white steps after another is the same-a group of pzople wit their own family jokes, their own in all through the city. They have come all through the city. They have come and in the exchange of the evening air the neighbors or acquaintances who pass there is the blessing of a friendliness which must in time spread over the world, with other gracious dispensations to make it impossible to go to war.

## The Ingle Nook.

## Dull Day Work For Children.

The other day I was in a house wher busily and happily engaged in makin furniture for their doll's house, quite
the most cunning little chairs and tables, the most cunning little chairs and tables an umbrella rack, and so forth. "They'v, said their mother, "I'm always so glad quiet, , and in good humor on rainy days." began to examine the various articles, and the children were only
too delighted to explain all about ""They're just made of tooth-picks for the seats of the chaits and tops of the tables. We found out how to make them in a magarine. You could use
shoemaker's wax, if you liked, or plasticene or stiff dough, or putty, or the salt
paste like what you make salt beads with. We used our ,water-colors to paint the pasteboard, " -they were
very breathlessly anxious to tell everything all at once, and the words tumbled out almost on top of one anothe not long ago I saw some lovely little arm-chairs made with big goose-feathers and pins. The pieces of feathers had
been cut three-cornered to make the been cut three-cornered to make the
bottom and back, with the feathery portion to the centre and the fard quill forming the four outside edges; then

They thought they would have to "And did you ever see raffia things? makes them lovely! I ittle purses, and picture-frames baskets, and ieres for flower-pots, and"-evidently there was no end to Sterling G-'s accomplishments.
Afterwards much better it is to give children (except of course, the babies) things that will toys" to be looked at, played "just a little, then broken at, played with for uninteresting. Children love to make things, and have a greater-afiection for any sort of thing that they make themselves than for the finest brought The all complete, from the toy-shop. The proudest little lad I have scen this that would run" from a piece of wagon two empty spools cut in two and some bits of cedar. Besides, a child cannot make even the crudest article for himself without gaining more deftness of hand, and -mark this -securing a certain degree of mental is the real as well. This, you know, Manual real prainciple involved in the schools. Manual Training does not mean simply " making things;" it means also a definite training in brain-power wor it has been discovered that no work of the hand can be done, carefully and well, without a corresponding There are so very mental area in which children can be many ways, too, to "this work-play. Buy encouraged, patterns for the little girls, give them a pair of blunt-topped girssors, needle thread and "patches,". and just a little of your time for instruction, and see how happy they will be. And


Troops from Annam, in Indo-China, who are helping the French in Greece
as soon as they are old enough teach
them to bake and cook easy things seeing to it that hands are scrupulously
clean. and a dust cap on before the experiment begins, the lessons the be invaluable, to you as well as to the
child, later on Then there are scrap-books to be
made; pictures to be framed in various
ways for the play-housen Then there are scrap-books to be
made; pictures to be framed in various
ways for the play-house; empty eggcolors to be decorated with water colors and strung on strings or used
as small flower-pots in which to start seeds and "see how they grow;",
pictures to be drawn and painted with
water-colors; little paste-board baskets water-colors; little paste-board baskets on "buds" from the woods;-can't Try some of them on the first rainy
day or cold Saturday and don't
mind the "muss." Have the children mind the "muss." Have the children just as soon as they are theough,
and so pive them and Dr. Montessori, that wonderful
educationist, sav's that children's play educationist, says that children's play
is all. Work anyhow--they are always serious over it and so her system,
a development of kindergarten methods, is to make play of work, and the
ch:ldren are led on naturally and hap - ust as you may lead them! happly
scheme is now afoot to encourage in Canada the manufacture of toys, herrope. It is thought great extent, to other manufactures will help to give work to soldiers who may return
too much disabled All this is very good, but it is horked that the inventiveness of the workers will be largely devoted to the making of toys that really interest and occupy the attention of children, leading them to exercise their own inventiveness and imagination. Dolls, of course, always loved by little girls, and supply All the things useful in " dress-making also come in the playing house pictures, materials for building puzzle and bridges-anything and everything that will inspire the wish to construct Atter all, the human mind never gets over the vish to create, to expres we make the the garden house we plan or our own hands, the the pretty rag rugs and puild design, the plan of any cushions we conceive and foster and bring to comple tion. The consciousness of this need in ourselves should lead us to appreciat the children's viewpoint. After all
we are "but children of a larger growth."

Do you know fall crocuses? They
are just the loveliest crocuses? Things. When "out to tea" last night (October 3rd) saw a perfectly beautiful bouquet of white clematis blossoms (paniculata) and some of the mauve crocuses. The vase in which they were placed was mauve too, and chanced to be very much the shape of a crocus, bulging out at the edge. You can imagine theng beautiful the effect was. The fall far-reaching and commendat le
larger than those that come are somewhat and have longer stems. one needs to have to make of holders look their best,-low flat ones for bowls for roses, stout strong-looking for hydrangea-and branches, wide jars very good rule is to sulit goes. A of the flowers, that is, low at growth flowers need low bioad dishes, tall
slender ones need and so on. For morning slender vases, a tall slender vase be prettier for out into a convolvulus-shaped topNever choose an ornately decorated
holder for flowers; perfectly are so much more, effective. Plain clear or
green glass, opaque blue or black glain ones plain green or brown or black glass, of good shape, are all fine "crock" jars one to know. A few trials will educate Just a last word wuits which."
planted any bulbs for winter haven't tuck a few into the soil as soon as blooming Bring them up in six soon as possible.
(freesias, paper-white narsissus more

## Chinese lilies, of course do not need iti long rooting-time) and so brighten lont rooting-time) and so brighen thi late. winter months with biom the don' t forget somen pots of parsiley for hor ditchen window. pots of parstey for the <br> Waste of Meat in the Home.

bulletin on the above surbicid has been issued recently by the Bucat
Economice
Department University. The conclusions of Cornell on experiment and inquiry and based be found very suggestive to many may who have hitherto given very people thought to the subject.
has to be considered, it pat, unless fuel tough cuts, which only pays to buy the and slow cooking, after require long on the outside to make them first seared juices. After choice is made the are still several ways in which there may occur. (1) In not making use of all the trimmings or bringing them to make use of tharket. (2) In failing used for frying fats that could be making. (3) In throwing away bones that could be used for soup.
(4) In not using In failing to use bones and scraps

## Canning Meat

It is very handy to have canned meat on hand, and, if care is taken, the canning may be done quite successfully
Method 1.-Cut the meat in pieces wide-mouth into the jars easily, using tops. Sterilize the jars and clamp the meat in solidly to within and pack from the top. Sprinkle over inch top $1 / 2$ teaspoon salt for each pint of meat. Onion, pepper or other
seasonings may be added if oren seasonings may be added if liked. best quality; place rubber ring of top but do not fasten down on Put the jars on a rack in the boiler in which there is warm water that reaches to one inch from tops of jars. Bring to a boil and cook from 4 to 5 hours. When done fasten the clamp down. Keep in a cool dark place.
No water is used in the jars. Simply fiil to overflowing from jars. Simply Method 2.-Brown the meat in hot lat, then steam or simmer it until it will tear apart easily. Pack into nicely seasoned. Cook 3 hours as

## Chicken may be canned by either the above methods.

 Chicken Soup or Stock Canned:cover all bones and trimmings of the chickens with co!d water, salted, andsimmer slowly until the bones may be removed clean. Add onion and pepper, or any seasoning liked. Strain
the stock, reheat to boiling, pour into hot sterlized jars, and cook as above in a boiler for one hour on each of 2 Successive days.
1 Canned Chicken for Serving.-Take 1 pint chicken stock, or 1 cup stock 1 pint canned chicken:; $1 / 4$ cup flour; onion juice, celery salt, or celery leaves; Reserve 1/4 cup stock. Add the seasoning to the remaining stock and heat to boiling point. Blend the it cup the hot stock. Hour and with it thicken the canned chicken and leave until hot but do not boil or it will be tough. Serve on toast, or on hot buttered biscuits, or with curried rice.
1 pint chicken Canned Chicken.-Take dash of celery salt. 2 Warm white sauce, in the sauce, season, and serve on buttered toast or hot biscuits, with a border of hot rice, or with mashed potatoes over the top, brushed with rooms may always be added to creamed chicken, also chopped cooked celery White Sauce for Chicken.-Take 1
cup chicken sauce, 1 cup thin cream, cup chicken sauce, 1 cup thin cream,
$1 / 3$ cup four, $1 / \frac{4}{4}$ cup butter, pepper and salt. Put the butter in a saucepan; when it bubbles add the flour mixed with the seasoning and stir until blended.


## THE FARMER'S ADVOCATE.

Allow $8 / 4 \mathrm{lb}$. sugar to every pound of
fruit. Boil and skim the syrup calar adding a little lemon juice and clear, piece of ginger-root to each a smart. until tender; lift the pieces and sammer and put in jars. Boil the syrup down until rich and thick, pour it over the variety they. must the pears are a hard in clear, boiling water before they are put into the syrup.
Pear Pudding.-T
and quartered -Tare $\frac{1}{\text { pears. }}$ quart pared sugar quartered a pears. To a cup of water. Let this the pears and stew a small loaf of stale-bread in tepid water until soft, then press dry and crumble fine. Melt $1 / 2$ cup butter
add the crumbs and stir until almos
dried and $1 / 2$ cup sugar until light, then add $1 / 2$
and teaspoon cinnamon, the stiffly beaten whead eggs. Butter a granite baking dish.
Put in half the pears, then the bread mixture, then the rest of the pears.
Cover and bake slowly $11 / 9$ hours. Serve hot with sauce or cream.

## Starchy Foods.

Potatoes and all kinds
contain starch, a substance that ceannols for all thasu, but is a producer of valuable, ard heat, that, as a producer of energy (or carbohydrate) mod fods judped, starchy make up a perfect dietary
foods-meat
 lentils, etc.- must be added tor tebuild
the tissuses that are always wearios Whitit, for treater fuel value, it is is necest, ary to add fat, or oil in some formece The, most, important cereals wheat, Indian corn, oats, rics, rye ree
and barley, and these
ina and varley, and these mas
in
voiled Rappetizing ways.
rice should not be a darly cooked gluey mass; it sto beuld be white, and
 First wash the ro rice warts of water. water boling. Hery rape the 2 anuarts of rice in, little by little, so as not to the
 about 20 minutes, or until the grains
are soft. When nearly done and are sootitul When nearly done add a a fine
colander or or titrainer to
sto and wash by pouring on plenty of colice water. Drain well and reheat,
Rice cooked this way may be served with meat and gravy, instead of potatoes or may be served as a pudding with cream and suyar.
Potatoes contain
of tissuescontontain too small a quantity pended upon along Yoodstufs to be de-
Thade
must not made the principal item ous diet bee
must have added to the some of its equivatents, with aneat or at in some form. For wint a little potato dish prepared with
and cream
cheese nutritious. To mutter may be very
the make t, boil and mash the postatoes make it, boil and mash
vith a ilitie reand beat until light with a littie cream, butter, salt and and
pepper. Add
a pepper. Add a little grated chesese
put more cheese over the top, and bake $\underset{\text { served. }}{\text { min }}$. in which the potatoes may be the beaten whites of twe ors is not liked, may be carefully folded in inree eggs into smell way is to cut boiled potatoos
with put in lices ayers alternately a cream sauce nard-boiled eggs, pour
 onion. Or the egg and onion dash or
omitted and cho All potato salapped nuts used instead lettuce leasing. In should be served on
nented tuaking the dressinn melted butter or salad oil should be incorporated to supply the ne neecssary
fat.
calloped potates quite nutritious. Pare and slice the potatoes, parboil in a little water, then
drain, cover with milt butite, and wiake milk, add dots of
scalloped potatoes do Man in making
 serving for fear of curdin the milk.
Breakfast cereals
should
always cooked in a double boiiler, which may be
improvised by setting
smaller ser in a larger one cotting a simaller saucepan
inater. Most books on cookery recommend cooking
patmeal 8 hours, or soakinent oatmeal 6 hours, or soaking it for severa!
hours then steaming in double boiler

## be stirred as little as cereals should Somsle, fine More "Holiday" Letters.

 ones may be beaten. As a rule all cereals may be cooked twice as long as when nearly the package. If too moist when nearly done should be cooked valuable foodstuffs, Cereals are all meal being particularly valuable in winter on account of the fat they contain. Cornmeal is also said to be rich venting people who find oatmeal summer many too heating prefer barley and cornmeal parations and rice. All cereals should be served with milk and cream to supply extra fat and proten
## TheBeaverCircle

## After School

"Let me see," said lazy Lynn. "Ocean
of time to do them • inSeven examples. And some injust as easy as pie for me. once you get the hang of the stuff
think I'II and try the tank. I'd like a

> Twenty-fifth? You're sure of the date?
My library book is two days late promised mother it shouldn't stay Want to walk to the library, Jack? back. And then for home. I mustn't forget

His mother calls him. "That you, boy; come in.
She's come to dinner, and brings good
news-an invitation you can't
refuse. She wants to know if you can go to There's a tiger-hunt in Hindustan,
examples! Poor little sinner
And yet a boy must And yet a boy must haye his "I'll get up early Then to bed

But let these stars * * ${ }^{*}$ denote
the night; and then suppose Let $X$ be Lynn, and $Y$ the bed-and
$X$ was still in $Y$, 'tis said!

Some things we learn outside of school.
Among them is this splendid rulo Having lessons to do each day, ProThe Australian.

## Little Bits of Fun

Doctor - "Stick out your tongue
farther." Boy--"Can't. It's fastened t' my

Little Alan for the first time saw a
man with a wooden leg. "Oh, funny man with his walking-stick in-
side his trousers!"

## sternly, "you are, not atternding to to the lesson. Did you hear Iessie Smither

 description of the American product,hominy?"

## gliblys m, replied the smat thoy

"All right, then, (iive me a sentence
With the courage of depair Water
eplied, Homing mathes have

Dear Puck and Beavers,-Two week before our holidays began I was operated on for appendicitis, thus I spent the first week of our holidays in the hospital. The next few weeks were spent in refar at first, and could only walk walk as the lane for the mail. The rest of the day I would sit on the lawn or lie in the hammock under the trees. forer on as I grew stronger I went three weeks. I enjoyed myself vayed much while there and went to two lawn parties. On August the eleventh ny little brother's birthday, I went to a picnic at the river. We went in the afternoon. We took our lunches with us. After lunch we went out bathing and in the boats. I went two or three times for a boatride. I was quite tired that night, but pleased week my trip to the river. The next myself by helping mother and reading to pass the time. The last week of our holidays was very wet, so I did not enjoy myself very much. School re Owing to my-operation to try the Fintrance High School unable aminations, so will still be in the senior I think I hass when I go back to school I think I had quite a nice time on my holidays, considering my illness, Hop-
I to see this in print I will close. Circle. P.S.-I wish some of the Beavers to me. My address is Bainsville,
Ont., R. R No.


Dear Puck and Beavers, On Thurs-
day, the twenty-ninth of June, school
closed. We day, the twenty-ninth of June, school
closed. We were taking all our
books home, and books home, were and our our school our
were full. On the way were talking of our way home we the holidays. We were also talking closing. My plans were that school was at home for the first few weeks with mother. Then I would ge vo visiting sometimes. In August I would visiting Thy holidays, but did not get them at all. work to do of which I am had certain to tell you. I had to go raspberry picking sometimes, but I would never my job to bring a up the cows. Besides I had to help my sisterens to care for. mother was away. Besides wouse when had some sports and pleasures. One little of. I went to see a few of the and grandma's several times. Another sport was playing with my cousins The games we played were, run a mill,
hide-and-seek and such like garden particular pleasure was at the about it. It was at Sparrows,
ahout two miles and a half from
place, but my sith place, but my sister and I I walked every
step of the way. When I I had my tea, then I walked got there
yard with the around the yard with the other children. About The first thing was the Chairman's was "Latdies in Khaki.," our song. It
Highland dancing, songs, There were and dialogues. The most recitations
thing of all was the Highland There were was the Highland dancing. fifteen cents in them. I and I spent peanuts. five on ice-cream and five on nearly over we were of August was down town the Saturday beforer went opened and got qur books. We all
felt very glad to bet relt very glad to get back. We all
among the other pupils to school

## Paisley, Ont (Name Not Signen.)

Dear Puck and Beavers,As I saw
that the composition was "How I Spent
My Holidays" I theugh He luck. So here it is.
The afternoon, after examinations were
over, Mary and I went picking straw-
berries. We each had a mug to pick
> in. We went down our the big hill to the patch. When aver got there we were pretty hot, so we
sat down to rest. In a few, we got up and started to hunt minutes But we could not find many and we wa we got there mother for home. Wh eat the berries and so we we could the first of July there was did. On day School picnic. Our whole Sunnwent and enjoyed themselves. The ly any girls would the races, but hardrace came there were only. When our (counting myself). When they runng, I got a red we went, and I came first. Then tea was served first prize on games played, was served, and some On the fifth of August we went home. to the lake. I was in for a little down then I came out and got dressed while, The next served and we went home at my thing coming off was a part had a good time. The went and day party at Mrs. A. D. Was a birthwent and had a good time. A weel. Connell's. was a party at Mrs. R I also helped mother enjoyed myself. sweeping the kitchen, hed-room clean and tidy keeping my ducks to look after, which I have 29 lot of my time. I also dakes quite (Age, 10 I will close. Shanty Bay, Ont Jean Girchrit.r.

The Prayer of a Little Child.

It was evening. By a snow white bed
Knelt a tiny little figure In the attitude of ligure And the guardian angel wayer.
Heard these words the baby said:
"Please God, there is something And you'll be so mure to to say; And perhaps you'll to pray. Though I'm only very smand For Muvver says you love us
Little children best of all.

Daddy is a soldier man
And he's awful big and strong
And stay away wouldn't go away Daddy doesn't like to. fight
But his duty made to figh Please God, tell me what is Duty
That could make him leave us so?

A wonder what it's all about And why they want to fight; And you can make are sure to know -and older- then I'gger grown But I can't ask my Muvver now,
"Muvver says a guardian angel Please Gover could you send my angel And let her Daddy's gone to fight? He's so far-so far-away For I've got Muvver for my angel
Watching me both night and day.

The golden head drooped lower The little form relaxed; The tired little heart had With problems all too weighty Till nature taking pity
Brought rest in kindly sleep.

Then the guardian angel gently With infinite love and grace;
Bent low above the sleeper And smoothed the lines from his face, Through space eternal, heavens of love She sought the throne of her Father From this earth of gloom and torture With its wailings loud and wild;
She carried to Him her Master
This Prayer from the heart of "Lak Prayer from the heart

Current Events
Toronto exhibition grounds are being put in shape, and winter quartersextended winter.
Six steamers, 4 British, 1 Dutch and 1 Norwegian, were sunk by 3 German submarines of the Nant.

A delegation of 300 citizens, repre senting all classes of society, waited on Sir Lomer Gouin and the members Oct. 4th, and urged that a law be passed to prevent the sale of intoxicating liquor in the Province.
The Entente Allies have informed th Dutch. Government that any move towards peace on the part of Holland will

Gen. Sir William Robertson, Chief o the Imperial Staff of Great Britain, stated in a recent speech that Britain is in urgent need of more men
armies and munition factories.

There is no outstanding war news at time of going to press. Heavy shelling and French front. In the East a ne phase of the war seems to be indicated by the invasion of Bulgaria, which began when, on Oct. 2nd, Roumanian force The Bulgarians opposed to the British orces are withdrawing along the Struma Meanwhile the advance of the Italians into Southern Albania goes on without Everious opposition. Evere there victory of the Allies is regarded now as certain, but those in a position to spea with authority do not dare to say that three years.

## TheDollar Chain

A fund maintained by readers of "The Farmer's Advocate and Home Magazine, ", Comforts; (3) Belgian Relief; (1) Serbia Relief.
Contributions from Sept Mrs. D. McDiarmid, Sandringham, Ont., \$1 Jas. Sills, Corbyville, Ont., \$5 A. G. Smyth, Vittoria, Ont., \$5; L. H. K Eden, Ont., \$2; "Reader," \$2; Geo. H Amount previously acknowl
$\qquad$ Total to Oct. 5th................ $\$ 2,89$ 2.70 BRING US OVER THE $\$ 2,900.00$

Kindly address contributions to "The Farmer's Advocate and Home Magazine,

Good Manners for Every Day.

The foundation of good-breeding, of
good manners, good manners, of truest courtesy,
must begin in the home, the place where we, naturally perhaps, least It is in the home, above all othe places, that the finest tact, another name in closer contact, with less and with greater familiarity than elsewhere and the strongest test of our解 Few of us conditions.
do more than one or tives be called upon to our lives, but all of us are almost daily the disturbing trifles of life, and it is in he smaller courtesies of this same everyThe truest courtesy comes from kind ness of heart. All else is an outside veneer or polish, that shows its uncertain
foundation under any form of dis urbance From a wide experience, 1 believe
this matter to be one for the most
earnest consideration, and a noted writer
well expresses it thus: "Good manners in the household are like oil on comspread over rough and wounding waysanything are more important than character. The result of a refined early life shows itself in all that a man or All writers
"All writers on "Social Customs," correct Ways" etc., seem to find it principles set forth by the use of a certain number of "do's and don't's" and long ago it was wiitten that one might as well be out of the world as out of fashion.
or When elderly people enter your home or your presence, always remain stand-
ing until they are seated. may not always be appreciated, but that matters little. The time may come when we ourselves may be in a position often neglected to-day. Children are taught quite as much by example ase manners and What a child receives in youth, it seldom fa.ls to return at maturity; also the life of the home but are not only fulure!" ${ }^{\text {" }}$. family, not always elderly member of a propriate a certain comfortable whair shows selfishness and discoule char awaken sometimes disgust.
change the be it early or late, to exyou feel the morning greetings, whether to me why ine it or not. It's a mystery people always feel cross fast-and a still greater mystery why they feel at liberty to show it. whole essence of gentle breeding "The in the wish and the art to be agreeable. Good breeding is surface Christianity." are quite as necessary at home as in public. Carelessness in the observance of social customs at home will easily lead one into mistakes abroad, even Fhen one knows better. Fashions change a little about table
observances, but the general customs remain the same. One can note what others do, and "follow suit."
Do not begin the day by finding fault and criticising always disturbing features of home life.
Do not be so anxious to talk as to and often are, better worth listening to. Don't be selfish and exacting-don't fret, even when things go wrong-
don't be sullen-don't be a teaseone ill-bred person in atherwise harmonious family can ruin the peace of the whole.
In other words,-don't be a nuisance. it by thinking first natural tact, cultivate it by thinking first about others, and that the "perservance of a courteous manner is the test of its sincerity."
Always knock before entering a room Always knock before entering a room being has a right to a certain amount of

Always treat with especial courtesy one who is deaf, or suffering from any infirmity. You may be giving a joy
that never will be forgotten. that never will be forgotten.
Servants at home or abroad are human beings and appreciate kindly (not necestimes, than those of a higher station in Always be truthful with them, and with children. They will soon lose
faith in you, otherwise faith in you, othe
Courtesy requires that it be apcepogy It is a sad comment upon our presentday system of education, that so little attention is paid to the cultivation of
even the simplest rules of "Good Manners.'

Correct Speech
The home is not only the training school of manners, both good and bad but also of the habit of correct speech.
A knowledge, easily obtainable, of the ordinary and simplest rules of grammar, if put into daily use, will prevent mistakes amost unpardonable. It has been well, exceedingly well, written that "Self cultivation in the use of good English must chiefly come through speech. Whoever goes to his
grave with bad English in his mouth grave with bad English in his mouth
has no one to blame but himself for the
disagreeable taste, for, if faulty speech

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## -THE VETERINARIAN  <br> LIIISEED OIL CAKE <br> wime ion her tma <br> 

spech, that these rege examples, alas,
are not wonnined to the uneducted classes. "Say Mary," "You don't
say," "Those kind of things," for "Things say, Those" "Lady friend" or "Gentle-
of that tind," "Lit man friend", "It's me", or "He went with Alice and I," "Yes, Miss," or "Yo, Miss," "Ain't or," hain't, say a person's "home" when you mean and woman" instead of "la-dy and man man," as "Mrs. Brown is a charming woma
We Americans have the habit of strong exaggeration in our use of proper, but untrue as well only im-
How often we hear "Oh! I had a perfectly elegant time," "The supper was gorgeous." "Isn't she too awfully
sweet for any use?" Look up awfully in the dictionary. "I am completely worn out." "Aren't you all in?" One cxamples of tur daily abuse of the King' English.
One learns much in almost any society by being willing to talk about subjects of interest to others, and by listening
courteously, that is, with attention to what others have to say.
One of the most discourteous acts a
person can commit is to allow the attention to wander when one is being personally addressed.
of Robert Louis Stevenso chief charms or Rrilliant talker, was his sympathetic power of inspiring others. He would keep a houseful or a single companion entertained all day, yet never seem to
dominate the talk or helped every one about him to rather he and exercise unexpected powers $f$ discor own. His good will, his courtesy and his consideration for others were de-

Aristocrats of the Road. The Romance of the Romany "II pid (Gipsy
fiable, have not these people far justireasons for such pride than those who
boast of thar boast of having 'come over with the
Conqueror'? Conqueror'?", asks, Mr. Frank Cuttriss
in "Romany Life" (Mills and Boon
7s. 7s. Kd. nemy net Lite" (Mills and Boon, when they came, Pict and Scot, Saxon and Briton, precede the Norman. And the Romany chals and chis came from India. In Persia, long ago, the Zotts
lived in huts like the Berhers France and Germany as early as the
beginning beginning of the fittenth century
they had established themselves as fortune tellers.

Literature of Gipsydom.
find Prosper Merimee's "Carmen we in Spain destiny-tangled race dwelling amongst them. Later came Watts-
Dunton with Dunton with "Aylwin" and the poems
called "The Coming of Loove." So that we need not take the word of the police of the devout game meeper tramps, nor
poachers
ehand they are traditional an these things
Nomads inheritins No-Man's-land, in desert or cormmong
Likewise there are
$\qquad$
$\qquad$ Those among whom, Mric Cutses.
invites us to wander,
vans and
dwell
in caraVans and tents. And copious
illustrations help us to realise the
racial

## The Language.

he order to realise the closeness of
the Intian bond, let us count x in English, Romany and Hindustani: One, two, three, four, five, six.
Yeeck, dui, trin, stor, pantsch, schowe.
$\qquad$

oo that the gypsy could oel "gurr."
yell in India. Of course, the Encte
 liberally, So that, those who slang
talk with them have to acouide
fremasonty irecmasonry of language that acquire the practical
life is more binding than racial or
geographical

## Chsracteristics.

The
gypsy
He (and at once friendly
and regarded as queer folk. The being suspicious of light lom. They are well disposed to gorgios of a a but skins type, who happen to have der. skins. Many of them have well. of money. vans, and a certain amount may be, he but however poor a gypsy main or loaf with the seedre his last and basket-weaving are their industrig but the illegal art of "dukkerin," "or Yortune-telling pays best, if we omit the
science which they are ate horse-dealing in

## Marriage and Death.

Their marriage practice is twothe rites of the Church, orcording to Their own system of public and the is as binding as the other are high. Public qualites of the family very bad time for opinion makes a ion unworthy swain. In cess wife subject, the gypsy does not keep to dictates but branches off as fancy ing habit of the tribe
As
As an example of gypsy song, Mr .
Cuttriss quotes the following:
Mande's chavo's lelled oprey
He's jalled to the praio tem,
Though the poov dick leste,
My child is taken above
He's gone to the children's home; One day I will see my love,
Though the earth no more he'll roam. So sang a bereaved mother of her boy, When they sing it is as a direct expression of feeling. Literary read the paper and follow the events of the wider world.
They have their secret signs by clear the track of a caravan is made And the Romany has the same clani one known to his own people and the Therld
Their family names include: Barney Boswell, Glover, Buckley, and Loverridge.

Chums and Dignity.
Pannel, Wester, (male) include Pannel, Wester,
Noah, Nobey, $\begin{gathered}\text { Jendigo, }\end{gathered}$ Sinfai,
Fenella,
Fend Dosha, Rhona, Rawnie, Zillah, and
is Curiously enough our word "chum" is derived from the Romany, and
means "a friend whom which is rather different from the gorgio use of the term.
do not imitate dealing with a gypsy the author. She lady mentioned by to make her some baskets for man bazaar. He took no notice. Had she
asked him to asked him to do it he would have
complied. is quick to resent the Romany nature ority. They are a free people in
whom tradition, especially whom tradition, especially that of The author has observed closely and written a book that deserves
wide attention. For the Romany
folk folk are healthy, lovers of music and mode of life athwart our vaunted from day to day, as well as from one

## Au Militaire

## establishment to went into a grocery

 Seeing some red herring lying on the winking at the company. "Are they?" rejoined the son of Mars. off he walked with his prisoners, to the
## FOUNDED 1800

\section*{Give the "Kiddies"

\section*{All They Want of

## All They Want of CROWN BRAND CORN

It is one of the delicious "good things" that has a real food value. A slice of your good homemade bread, spread with "Crown Brand", forms So-let them have it on biscuits and pancakes, and on their
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Lang Syne.
by thos. J. taylor. The cows stand close by the pasture gat Under the buttonwood tree,
And watch my coming while they wait And watch my coming
Lowing impatiently.
The western sun is sinking low,
The summer eve draws nigh,
As homeward through the lane we go Daisy and Nid and I.
The busy insects.' stridulant hum But in the brook quain Soundeth his weird bassoon. The shadows deep the thickets stain, Sweet warblers nestward fly,
As we meander down the lane, s. we meander down the la
Daisy and Nid and I.

Along the field where the grassy plumes Shelter the mole's dark lair;
Beside the grove whose locust-blooms The cows lead on, the boy behindFamiliar path we ply--
Through the farmyard bars we wind Daisy and Nid and I.
Within the barn, to the stanchions tied The cows, content, stand side by side, Yielding their milky streams.
The falling dusk makes soft appe The whippoorwill makes cry,
ight's peaceful benison
Daisy and Nid and I.
The storms and stress of the flying year
Glance from the child's fresh soul The stings of pain, the April tears, But happy hours bid fond
How deep in time they lie, And we were chums, and gladness knew,
Daisy and Nid and I. Ah, many years have those bonny cows Cropped in celestial grain,
And other cattle now may browse But memory lingers o'er the charm When we so loved the dear old farm
Daisy and Nid and I.

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The "Ists."

## Mother is a euffrag.st- She states the flact with prids;

Big Sister tuvilial laursht and wide;
While Brother will's a Socialist-



In Drinn and nerve diseases.
I guess im, hout theorly one

1. elt out in ill the ist
I.ef out in allt the ilistl: one
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 ON HALF THEOIL



## Tom's Folk.

Marian went to her new home with ideas." She had always had a number of ideas and theories, many of them of ideas and theories, many of them
floating about in her mind like a floating about in her mind like a
partially adjusted landscape on a partially adjusted landscape on a
camera plate; but when Tom Sinclaire camera plate; but when Tom Sinclaire
asked her to leave the city "for good" asked her to leave the city "for good"
and go out to be the light and soul and go out to be the light and soul
of the fine new house he was buildof the fine new house he was build-
ing at Inglevale, every notion in ing at Inglevale, every
her head came to a focus.
To go back-all her life she had way against restraint and convention ality. To be obliged to put on a collar and walk primly down stree when one wanted to turn in the neck of one's dress and run, for sheer joy
of living, had always seemed to her a bordering on slavery,- and there were many other, things. of these were keeping one's voice decorously modu lated when one wanted to sing aloud sitting up on the front porch in dainty frills and ruffles when one warted to lie on one's back on the cool gras under a tree, and gaze up and up through
the rustling leaves the rusting leaves to the blue sky. always seemed to whisper to Marian above to look, and the clear-blue sky greenery with an assurance that this: world is, after all, just the vepy
best place for mortals to be in. But there was no tree in the Bertram back-yard, nothing but a clothesine and a most uninteresting view of windows and coal sheds. had planted morning-plory, at the clothes-post and wild cucumbers by the fence; but the maid was always grumbling that the morning glory got in the way of the clothes and kept the reel from working, and the cucumber vine by no means shut out the sight
of Smith's back-stair window with a broken shutter, or Robson's with a patched blind. So there was nothing for it but to sit on the front porch in filmy frills.
means " was, nevertheless, by no means a new woman." On the contrary
she was, except when with her immediate friends, a rather shy specimen of femininity, giving way to her "wild Indian" impulses and unconventional doings only when no one was
about to see; yet to quote one example she believed as strongly as any dress. reform stump speaker in skirts, in the wisdom of loose and comfortable clothing, and she had, upon various regard to this all-important matter in the Alpha-Beta Club, whereat the young ladies of her set were wont to congregate once a fortnight for the righting of wrongs in general. At the same past era of long in the
not long parts not long, past era of long skirts,
she sailed to and from the upholding thereof in a skirt that "touched" whenever she let go of it, a hat that protected from the sun not at all, and a pair of shoes with heels which
she detested -all of which goes she detarian was really shy and timid
that Mares though not at all deficient in solid good sense.
As regards her other less fully defined notions, to exclusively to house-keeping, and, as we have said, within twenty-cour
hours of the time Tom Brownlee had asked her to be his wife they came suddenly to a locus.
on my not going to have any curtains mother ", she remarked the nelievale ing, as she and her mother sat out on the porch in the mild spring air watching the people go by and talking ver the lage thing that com Mrs. Bertram pausing with uplifted needre. complacently smoothed Marian $\begin{gathered}\text { complacently } \\ \text { down the ruffles } \\ \text { which }\end{gathered}$ she hadthed
shent down the ruffes which she had spent
two solid hours of the morning in ironing.
"No, mother," she said, "you know and microbes and make so much work You know I don't beliese in doing
quite unnecessary thins., do you

## THE FARMER'S ADVOCATE.


$T \mathrm{~T}$ is hard to break the 1 chains of habit. It took one man sir months to stop saying "Gee Whiz." It is astonishing how ha bit will keep a person asking for the same as usual", tea long RedRose Tea. Why let habit prevent you enjoying this richly fiavored Indian-CCeylon blend ? Order a sealed package to-day.

## 4

## AECER <br> For The Boys and Girls



Dr.JAEGER wimam
TORONTO MONTREAL WINNIPEG orated in England in 1883 with British
capital for the British Empire.


The SHERLOCK-MANNING Canada's Bigres Pis
 The Sherlock-Mannin

Spruce Lodge $\begin{gathered}\text { Stock Farm. Short- } \\ \text { Sorna and Leicest }\end{gathered}$
 W. A. DOUGLAS aledonia, ont
ought to be a pleasant rippling song
as far as we can have it so, - not all filled as dar as we can have it so, - not all filled
up with doing things that might just as
well be left undone. well be left undone. And Ithink engaged since five o'clock of the evening before Marian was already speaking
of herself as "a woman") of herself as a woman"). . I to improve her mind and be a companion Mrs. Bertram slowly your resumed her fancy-work. "Ye-es," she hesitated,
"butu I think folk will think it queer not to have curtains.
briskly, "You can do ${ }^{\text {" }}$. Marian replied in the country, do just as you like
in tou know?
That's the been mean to have my house of course sweet, and deinty, but as pretty, and
and undor curtains and
me! !" upholstery and carpets-not for in her rocker with a consciousness that hencelorth life was to be one grand
sweet song, attuned to common sense sweet song, attuned to common sense
and what one liked best. needle went up again. Mrs. Bertram's One rar if course, cleaning so much more out of them
"But I don't Mnow Bertram assented "But I don't. know how they'll take Marian leaned over and pinched der ,", sher she cheek playfully." Mother
dirrevocably youd you are utterly, whatever it is, to the city. Yelded, or
see that in the just as you like, - you don't do
to do as do oall the other folks
anghbors all the neighbors may have carpets,
good old fashioned ones, with tacks
two inches apart all two inches apart all around the walls,
and a quarter of an inch of filtered
dust dust underneath - the regulation
way of it way of it
on the ". ") but I I (with a big mphenasis Mrs. Bertram
smiled indulgently,
and then Marian
rambled and then Marian rambled off into a
visionary description of how her new home was going to be; and how
beantiful the ravines and of how she and Tom would were. through them on Sundays and strolit
listening to the stoncs and looking at the reflection of the cardinal flowers in the water:
and of how she field with her would go out in the and sit under a tree by the fence while
Tom ran his mower to talk to him and cheer himer, ready said "fiurrows"), or to ghive him actually
drink of lemonade drink of lemonade or cordial.
Mrs. Bertram listened to ing dream with a quied half-perplexed
smile. "Well, I don't
about about the country', know much
when the ghe rejoined,
"irl paused for treat "but I'm afraid yaused for breath,
farmers a waueer
ing Tom Mife. Marian, and I'm thinking. Tom will be losing sometime.
"Oh for the
Marian replied, "Tomatter, mother," I will
some common-sense. I howe was driving uped in all the glory of tom
Ford Motor Car and The "ceremony" could not long be
postponed, for summer was coming
on a-pace and ther a young, wife on the pretty farm for
Inglevale: so it tok place when the
apple blossoms. were all a-fush
girl girl wore a little cluster of of and the
ger bridal veil and carried a biy bouquet
hef them ribbon that streamed to the floor. satin
wedding breakfast table was also deco-
rated with rated with them, and great festoons were
draped above, and about the walls until
the girls of the Alpha-Beta whe about Marian like as whan swarmed
butterflies, caught their breath white
gave way to little shrielks and


land stretching on over and beyona the ravines. The new house, too,--a
thrill of pride ran through the girl as she looked at it. How fine and imposing it was, and how many possilinities there were in those broad trumpet-vine had had time to do and work!
"Welcome home dear as he conducted her them said broad thall doorway, "doubly the home, Marian, for you planned it
"Now Tom, you know I gave you,
he chance to help with everything," the chance t
she retorted.
did "Yes, yes," laughed Tom, "but what did I know about fixing, things up, only hope it's been done as you said".
And then they went gleefully from exclaiming room like happy children, and making plans for future days. Yes, it had all been arranged as Marian
had wished, rugs on the finished floors, rugs on the smoothly windows, blinds onental colors at the where letting in a flood of sunshine entrance. To be sure the denied entranc
looked
Marian
Marian remarked, "How much nicer not to have them all furnished up at once! There would be the fun-
of adding things for many Tom and Marian, it will be observed, in their honey-pot, a rather for flies omission since it is well known that pots, althourt into marital honey of each individual course, the owners anxious to advertise the fact. The
first one first one came to Inglevale with the day succceding the "cere, on the very be it understood that this record by no means purports to contain a poor souls, usually get more than they, meed of criticism; although it may be deal to debate as to whether they do not in-law sons-in-law and daughtersind so preserve share of the commodity, There is usually a period of things. after every break in the of adjustment of events, and it is not ord.nary routine that in so great an upheaval as marrias the settling of mothers-in-law, mand sons-in-law, and daughters-in-law can take place without a crevasse or a
scraping-off in some direction. ever that may be-and to change remains that Marian Sinchor,-the fact in-law was the first fly tores mother-
$\qquad$ Straight, in a gown of of black sind rather antiquated in cut, to be sure, but
real silk, such as is real silk, such as is not made now-a-days,
with a real lace collar at with a real lace collar at the throat,

- the very model of neat old-time conventionality neatness and


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streaming through and a blue-bottle buzzing on the pane, the irl almost "Sunshine fades things dreadfullv," remarked Aunt $\mathbf{h}$ ster laconically, and Aunt Ellen sclemnly added,
Marian lets in Hies.
Marian promptly assailed the fly and by the time its mangled body into hysterics, of restrained temper it must be confessed. It was not what Tom's folk said, but the way in which they said it, that was exasperating. That was just the beginning. "The
connection"
evidently connection evidently soon, came
to the conclusion that Tom's wife was a most wonderfully ignorant specimen as regards the rule and order
of things, and straightway, with the of things, and straightway, with the
compassion which people feel towards compassion which people feel towards
relatives, they hastened upon the task of instructing her. They inspected her ically twice a week; they made pretexts to go down cellar, and although nothing was found to complain of, Marian
resented the intrusion; they looked interestedly at a table cloth she had hemmed, and offered to teach her hemstitching; they sent her cooking recipes
ad infinitum, and insisted on stayin to "help through" with the first trying of each. Alas, poor Marian! Awkward with
confusion she found hers pans and burning her fingers, and throw ing dry corn starch into the boiling banc-mange mik, while her dreams f the simple life and a cream and eggs and raw fruit diet went up into thin
air with the steam of "Welsh rabhit" and English plum pudding. Of a Sunday, it is true, she was able to
escape with Tom to the ravines. when, one day, she attempted to settle down with her fancywork by
the fence and watch him at his work, Aunt, Serina-there was no end to Tom's aunts-came and found the kitten in. So she gave it up and stayed in the house and scoured well-
nigh spotless floors, and burnished nigh spotless floors, and burnished Marian now thought that the whole of her annoyances had surely been accomplished. But scarcely were the
housekeeping arrangements well in order time in the new series appeared,-this and droves of feathered things, chickens and tucks, and goslings and turkeys, in all stages from the fluff to the half
feather. Tom's folk, it will Peather. Tom's folk, it will be seen,
believed in thriftiness. Thriftiness, in Kenwig branch, of course, not the one that bore two haronets on its outer most twigs, and it was among the
ethics of thriftiness that everv young wife owed it to her husband to houng than well-to-do made little difference So there was nothing for it but to accept the gifts graciously, and make the best of an
bus'ness. The sequel came, however, when to secret leaked out that Tom had detachment because Marian goose "afraid of the gander," while she,
unthrifty housewife, forget the old sittiñ Dorking in the
box, and left her there until she was nearly starved. The tears rushed to Marian's eves I am so sorry!" she cried, but Tom's
mother merely said with more emphasis "My dear, young women should
keep their wits about them." After that Marian trailed dutifully after turkeys in the wet grass, and down
the creekside after the young ducks, had been the way of the Pennsylvania
Dutch ancestry baked, and boiled with scrubbed and found room for a word or a thouge as to her management. But she was wot a strong girl, and the ceaseless kindness itself, but he her. Tom was to "see," and so, sometimes, seem
hazy the marriage were worth while, around were not a great mistake. So tired!
So tired! came to be the main story of her life, and yet she did not complain.
Neither did she ever think of getting
a maid, for that had never been the

Ony of the maternal sinclaire ancout Onlk to Tom not feel spirited enough to sometimes she felt annoyed day, and Then, one day, she actually " at him at him.
The way of it was this. She been ironing it was this. She had
after that afternoon, and after that, in far of Aunt Hester's almost daily visit, there was the ext's Solishing up to do and the tea to get was in perfect order. but the house when she had settled down just when rest, Tom, in carrying a can for a little oil, managed to spill a a great blot of it on the kitchen floor.
"Tom! How careless!" snapped
Tom looked at
solemnly. "P'm for an instant solemnly. "I'm sorry, Mike," he he
said, using his pet name for her, III
scrub it up." Almost hard at heart she watched spot. At last it was rubbed at the he put the scrubbing cloths away , and moment he came back and looked at her for a moment again.
laying his hand Mike, he repeated, hair which he would fluffy, curly brush down into Kenwig never let her That one, touch undid her. "O ing , Tom!" she exclaimed and burying her curls on his shoulder she sobbed "Why, what's the matter, girlie?" he said soothing her, and she could only -horrid!"-to all of which Tom -r'm tested, as a young husband must who has not got wholly over the romance Presently Tom had to go, and Marian much relieved after her crying, watched the sunset light following on his stram hat and broad shoulders.
said it!" she mused could I have -Here's Aunt Hester!" -"Oh dear sounded on the veranda." as a step in But it was ancient Aunt Hester, prim with an ostrich tip in it. It was good panting and red, with hers the way, hat in her hand, her print a big straw ing in the breeze, and smiling good-nature beaming out all over her fat common-
"Mrs. Flarity!" exclaimed Marian, almost flying to meet her, while the mind, "Oh how I wish Tom's foll were like Mrs. Flarity!" down here mind a chair, I'll just pop said, Mrs. Flarity then Marian became conscious of her half ashamed. "I ve been-crying," she faltered, made me so-so cross-but I got so impatient and then I cried.
Mrs. Flarity sat
"If you don't know, I do," thinking briskly. "I don't want to be meddlin" but I'll just say this, - you've had to Much to do, that's what you've had Mebbe it's none of my' business, but
them Sinclaires and Kinnific's (she them Sinclaires and Kinnific's (she meant Kenwigs of course) is just rd just cut loose and take things easier If things has to be kept up like they are over at Sinclaire's and Kinnihc's, where there's six hands for your two, Tom ought to get a girl. Tisn't as if he
couldn't afford to, dear knows, nor as if his wife had to work like a poor man's." A great throb came to Marian's heart. Yes, this great, kind hearted, perhaps, vulgar Mrs. Flarity understood. girl's lins down by Mrs. Flarity, with her head buried in the blue spotted apron, she sobbed out a bit of the story, of her dreams and ideals and of how there had been so much to do that she could not folk did not understand ", "ourse Tom But Mrs. Flarity was not disposed to be over-lenient. "If they didn't they ought to have," she said, "There's none so blind nor deaf as them that
won't see nor hear. Them folks worl won't see nor hear. Them folks works
by rule and measure. and if you know what's what you'll just go your own way, and let them like it or lump it as they choose. An angel out of
at workin' all the time with nary a rest or change, and wear starched collars all the time, nor etikit like them in grammar "Kinnifics."
The metaphor was too much for Marian's gravity, and she laughed until the tears rod for chenths, laughed as she had not for
but the outburst did her good. 'But if I don't do as they wish I shall displease them all," she said, presently.
"Let it. Tom's more to you than "Let it. Tom's more to you than them, and if you're going to wind up by bein cranky with com-home second, and I'll defy anyone to say my house isn't clean; but I don't believe in makin' oneself a slave to work altogether, nor makin' one's life out with rule and tape-measure like
them Kinnifics do. Lord save us Hester Kinnifics, wouldn't go over to Brown's rasin' -the biggest time the year-jist because twas washday, and the clothes would have eaten them out of house and home if they'd
stood over till Tuesday! Don't you go turnin' into a machine like that, Mo turn
That night Marian faced the
nestion fairly. Yes, she was just question fairly. Yes, she was just growing into a machine, as had said, -no time to read, re to think, or to rest, and she she had been worried more than necessary by Tom's folk; perhaps she had nothaps her eyes had been open to all perhaps her eyes had been open to all
their faults, and shut, too much, to of it they had done many kind things for her. After all it was not their fault if they were built differently.
But, with her strength, she couldn't
keep up all the ends as the Sinclaires and "Kinnifics" (with a smile) did. She must bring in a new state of affairs. But she would do it gently-oh so
gently-and she would try to keep her temper, that wretched little temper that made her feel, sometimes, so
bitter and rebellious. Yes, she would begin the very next day. She had intended to make a big plum-pudding and a lot of pies, but she would
leave that out. She would just get a dear little lunch ready, and go of to the ravines early in the
afternoon, and take a book, and have Tom go there for tea. The
cardinal flowers must be out along the brook now-the cardinal flowers -the cardinal flowers-", she was But Marian did not go to the woods next day. Instead she tossed and about the work, and how Tom's folk
would be vexed with her if she didn't would it upexd "It's with her if she didn't she would say and then she would babble of the brook in the ravine, and of the cardinal flowers, always of
the cardinal flowers, and she would call Tom to come and see the pretty luncheon she had. After that the refrain tired!" And all the while Tom's mother,
and sisters and aunts stepped about on velvet feet, waiting on her, and sobbing their hearts out, while Tom himself, where no one would see. "We've been blind, sister," sobbed And the aunts nodded. "Yes. We've bits of hands trying to keep up with
what it took a!l of us to do! again the tears flowed
When Marian came to herself it was in a darkened room, but across
in the hall she could see a bar of golden "Have I been ill?" she said, and a cool touch came on her forehead,
while a gentle voice almost breaking in sobs said, "Yes dear, you must hurry
and get well, and go back with Tom and get well, and go back with Tom "Miss Mattie!" Marian exclaimed, a vnice whose surprise broke Miss "'Yes, it's I," she said, "and no Nonder you ask that, we've"-hurrying we're not going to be any more,
and ve've taken the chickens and
iittl ducks over to our house, and
you're never to bother with them more, you were, or have more help, and want
you that than you were, or have more help, and want
to yourself,-and," but Miss Mattie could say no more.
Marian closed her eyes.
Tom, hearing her voice she said. But Tom, hearing her voice, her old fatural voice, was coming up the stairs (hree
stens at a time." stens at a time.
Marian was tod
much, but closed her eyes very hap i, while Tom sat drinking her face a! most. Presently she looked up and "Tom are the cardinal flowers all gone yet?" "Ne ", "No dear, no," Tom sait, in a them yet, and we'll have our little picnic just as soon as you are able."
He knew she was thinking of the little picnic in the ravine of which she hall raved all through her illness. At last a day came when Marian
was able to sit up and make ready was able to sit up and make read thin white hands, sandwich, and each wrapped in its own bit of white waxed paper, and with a few
glowing nasturtiums on tor, It was glowing nasturtiums on tor. It was
very pretty, and when at the last minute Mretty, Miss Cora came running over with some cold chicken and a glass of quivering orange jelly it was perfect.
At first Marian had thought of having the whole connection, sisters, aunts and all, to her little picnic,-they had been so kind to her through those weary days of illness, and
she, perhaps, had been too hasty. But on second thought it seemed better not. Again, assurediy, but
not to-day. This day should be sacred to Tom and to her,-this the day of her emancipation, when she
should bid adieu to the old worry and, she trusted, to the old bitter thoughts, and welcome in the idea! life of which she had dreamed. There would be worries of course, and there would be many modifications, but do so much towatds making things different if one only sets about it in the right way. Tom would not let her walk, but
came in from his harvesting to put came in from his harvesting tre put
Dobbin in the buggy, and drive her back to the ravine. As they entered flowers are still out," and she said "Yes, the cardinal flowers are out." He had to leave her for a while, but she took out her book and read a bit, days under the trees and looked up and up, and listened to the leaves. When at last Tom came straying into the ravine at tea-time, it was a very happy little wife who met him and conducted him to the spot the very loveliest spot of the ravine with a tiny bouquet of cardina! flowers at each place. Very swect and child-
like she looked too, with her pink like she looked too, with her pink the round white throat, and her fluffy hair all towsled by the wind and the color coming back to her pale cheeks. Tom could not keep his eyes off her, as she chatted away merrily, laugh-
ing as in the old, care-free days; and a ing as in the old, care-free days; and "Oh heavens, what a fool I was not to understand!"' But he said nothing about it aloud, for Marian had for bidden him to say more.
He did however, say something that pleased her very murh something that pleased her very murh
"I say Mike, this seems like old times. It's jolly."
And Marian felt that her little picnic by the rippling brook was by no means a tailure. Marian went on From that day Marian went on ou the upper verandah, took her sewing ever she ds, had tea in the woods when sorts of wook the notion, and did ald Tom's folk did not always approve, but there was no open rupture, for the
Sinclaires were too proud to quarrel. As for Marian, now that her eyes were opened, she began to see very many nice things in Tom's folk. "I sec,"
she said to herself. "People just have she said to herself. "People just have
to live their own lives, and keep ready to live their own lives, and keep ready
to see all the good in other folks. We to see all the good in other act alile." -And this, probably

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Molasses Meal, $\begin{aligned} & \text { Gream MAKERS ALSO OF } \\ & \text { Substitute } \\ & \text { Calf Meal, Molasses Horse Feed, Poultry Feeds }\end{aligned}$

## STANDARD FEEDS

1595AmERICAN SEPARATOR
Seat on trial Fulve suar






The glass door saves half the time on bake days
Look through the door instead of opening it. The baking is always in sight. Glance at the range as you attend to other work. Now, you can feel that you are less tied down to your baking. The clear, glass oven door makes the Pandora of even rreater help than
it was before. Somebody has surely told you what a fine range the Pandora is. Among the thousands of friends it has made there must be one who has told you about the sensibee ideas for she way the range withstands the wear and tear that wreck
the ordinary ranges.

## mcClarys Pandora, Renge

The new booklet, just off the press, "'The Magic
of the Pandor, of the Pandora,", tells everything in an in.
teresting way. Why not send for your
teresting way, why not send
copy now, while you think of it?
$\mathrm{M}^{\mathrm{c}} \mathrm{Clary}$ s

## ${ }_{\text {Winnipeg }}^{\text {Loronto }} \underset{\text { Vancouver }}{\text { Mont }}$ <br> 

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| THE appetizing fresh-from-theoven crispness in which McCormick's Jersey Cream Sodas reach you is retained by packing them in wax-lined sealed bozes. <br> Sold fresh everywhere in different sized packages. |
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## Fill Your Silo

With a 5 h.-p. Gasoline Engine
This. No. 7 Enilige cinter
hid
and
 which is thes than pawer what the blower type requires. It is much cheaper to buy, and

Peter Hamilton
No. 7 Ensilage Cutter and Carrier Silo Filler will enable you to put your corn crop in the silo at the right stage
of its growth - before
 and watch your corn spoil. Youll mot have to "wait your turn" This Outfit and Your Gasoline Power make an ideal combination for handing corn. The Xo. 7 is built rusged
and strong in every, detail. The concave krinis. .
 arrier to be quickly swung into munt minversal juth, which permitist
 Write for our illustrated booklet dessribing the :__ The Peter Hamilton Co., Ltd., peterborongi,

Questions and Answers.


 3rd-In veteriniary questions, the symptoms
especially must be fully and clearly stated, especially must be fully and clearly stated,
wise satisfactory replies cannot be given.
4th-When
 Miscollaneous.

Storing Celery-Combating Garden Pests.

1. I have grown some celery this to keep it for winter use
2. What is the remedy for worms oat into the tomato, celery and ble trouble have experienced consider

Ans.-1. Celery can be stored in an ordinary cellar by trimming them and
standing them up close together in moist sand. The place should be dark and sand. The place should be dark and
well ventilated. When celery is stored in this way it should not be bleached the fall before severe frosts set in The trench method is most commonly used where cellars are not available
A trench 10 to 12 inches wide is dut a some well-drained part of the field and to a depth sufficient to hold al The plant except the very top leaves in this trench as close and stood up can be packed. Two boards are as it nailed together to form are then rough which is inverted over -shaped the trench. Straw and earth top piled on this as the weather becomes
cold. Some ventilation is necessary where any considerable quantity is
stored
2. The common tomato worm is Poisoning with arsenicals ing them off. early in the season, but usually small growers do not resort to this method. We have assumed that the celery green or yellowish and ringed with the first brood is picked off and destroyed before much damage is done the pest
will not become serious. worm, Paris green can be used till pound to about 150 gallons formed; one ecommended as a spray. Pyrethrum powder is not poisonous to humans
but it will destroy the worm
$\qquad$

## Gossip.

Holstein Dispersion Sale.
$\mathrm{O}_{\mathrm{O}}^{\mathrm{O}}$ Wednesda

## auction 33 head of Holstein females, con

 year-olds, 13 two-year-olds, 3 threelings and 6 year have all been bred on the year. They high-class sires and dams. The farm is
five miles
$\qquad$
$\qquad$

The O. A. C. Annual Sale
The Agricultural College, Gueloh particularly fine stock dack, comprising Scotch Shorthom dairy Shorthorns, Holsteins, Ayrshise, dairy grades, Yorkshire and Ayrshiree sows, Leicester and Shroperkshir ambs, and Southdown and Oxford

The Scotch Shorthorns offered represent some of the very best families An outstanding young bull is Proud Augustine -107866- a thick Proud alf of excellent •quality, undoubted ne of the best bulls ever coubtedly the College. He is by afered by Proud Diamond is by the Claret bull, dam is a and his am a granddaughter of the Willis. bred cow, Augustus Duchess, by Bapton Duke (76078). Roan Diamond If is , a well-bred Roan Lady , , but his full brother, at about the same age, topped the prices for bull calves at the College sale last bear looksaster Diamond - 107865 -, als the like making a good bull. Among with her is College Augusta 4th heifer from the same cow was side. A and College sale in 1914 for $\$ 200$ public June of this year she sold a O. A. C. 3rd, carrying $\$ 1,300$. Augusta is a large, promising her second calf, heifer and College A heifer. This both by Burnbrae Sultan -8020 are all champion bull at Toronto and In leading western shows this yar Lancaster to the above, a yearling heifer calveifer, and two very sweet Lancaster, should prove Lady and a In
welve the Holstein offering, comprising included the senior four bulls, there is Lad, a son of Johanna Rue 4th's Lad and out of Boutsje Q. Pietertje De Kol with a record of over $20,600 \mathrm{lbs}$. milk and 960 lbs . butter in one year. This breed, and it is interesting to an the the College herd of Holto note that most of which are half sisters caughters of this bull, produced and ing the past year, an average of, durlbs . milk and 689 lbs . butter, with an average test of 3.6 per cent. Among the females offered is Toitilla Rue, 4th's Lad, with .aler of Johanna Rue lbs. milk and 641 a record of 4,041 seven-day record of 641 lbs. butter, and a other is Molly Rue 2nd, six-year-old daughter of the same bull. She pro-
duced 586 and her full sister, Molly Rue, produced 16.466 !bs. milk and 753 lbs. butte in the R. O. P. this year. Molly of Molly Rue and Bontar-old daughter being offered. This beifer Lad, is also straight individual, is entered in the R. O . P P. as a junior two-year-old, milk and 450 lbs. butter. Her sister, Molly Rue Rattler, has just finished a three-year-old R. O. P. record of 16,975 lour-year-old R 800 lbs. butter, also a lbs. butter in 7 days, both of which milking throughoute on twice-a-day bull calf from Molly Rue Rattler is also being offered, and a heifer calf from all sired by Pride of Pontiacs calves are all sireed by Pride of Pontiacs - 18351-
a son of King Pontiac Artis Canada now leading the list of bulls with tested laughters in Canada, and also the lead number of record daughters to the ears of age, and in addition no other hull of the breed has sired as man
$\qquad$
$\qquad$
$\qquad$ imp.), a son of the noted Hubsland


Pears
For clear, white delicately flavored preserved pears use

## Irantic Sugar

The ideal sugar for all preserving. Pure cane. FINE" granulation.
2 and 5-lb cartons
10 and 20-lb bags
"The All-PurposeSugar" Preserving labels frer: 54 ball trade-mark. Send to

Atlantic Sugar Refineries, Ltd. |  |
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## Poultry

We are open to receive shipments crate-fattened poultry of all paid arording to quality. Write for quotations.
Henry Gatehouse \& Son Wholesale and Retail Fish, Game, Poultry,

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34-350 West Dorchester Street,
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\section*{Men's Clothing For Sale}

Get your new suit from Catesby's, London,
England, for half what you pay local tailor. Best naterials, style, ht guaranteed or money back.
Write for free catalogue, self-measurement and patterns. Address: CATESBYS LIMITED, Canadian Office West Wellington Street, Toron

Scientific Eye-Examining \$3.00
Correct Glasses-Free of Charge to Every Patient
Consulting our Specialist. THE BROWN OPTICAL COMPANY 223 Dundas Street, London, Ont.
Cider Apples Wanted
we are prenared to pay the highest cash prices for
cider apples in car lots. Farmers who have
ot sufficient to make up a whole car
themselves can arrange with their neighbors for oioing shipments
Write us if you have
any to offer.
Belleville Gider \& Hinegar company
Hamilton Ontario.

\section*{VIOLIN STRINGS}

DREADNAUGBT-6-E, 4-A, 2-D \$1.00 Postpaid THOS. CLAXTON LIMITED TORONTO - ONT. 5
produced \(8,400 \mathrm{lbs}\). milk and 344 lbs butter-fat, and may reach nearly 12,000
lbs. milk by the end of the year. O. A. C. milk by the end of the year. O. A.
C. Minnie, dam of one other bull Cffered, this year in the R. O. P. in lbs. milk and 350 lbs . fat. She should also reach the \(12,000-\mathrm{lb}\). mark. Bargower White Soncie, the dam of the third bull, is one of the best in dividuals in the herd. In five months bs, milk testing 4.6 her produced 5,298 she almost went dry in June through sickness. She also will make a credit able record. Two high-producing grades Among the swine are offered a number of young sows bred to farrow in Novem er and early December. These are particularly choice lot of sows, and with the discriminating buyer to make an excellent selection.
All the cattle over six months old

Questions and Answers. Miscellaneous.

\section*{Storing Corn in a Mow}

Kindly let me know through your next issue if corn cut with the cutting keep satisfactorily. I have the cutting ox and engine and thought of tryin this method. I purpose spreading inches of corn, then more straw and continue this until the corn is all in The mow is about 24 feet square and have about seven acres of corn to put in

Ans.-We have known of corn being cut and stored in a mow all spoiling Evidently it contained too much moisture at the time it was put in the mow. Some farmers have stored a small quantity of corn the way you mention and had Care would have to be taken to have the corn thoroughly dry as a very small amount of moisture will start heating Of course in a silo a certain amount o moisture is necessary in order to heat and cure the silage. A corresponden recently gave his method of storing The corn was let stand in the shock till it was perfectly seasoned and entirely dry, then the cutting-box was set at the corner of the straw stack and for every sheaf of corn run through a small fork ful of straw was cut and blown into the mow. A pail of salt was sprinkled over it about every toot deep. This and the her healdy leaving any of the straw either. With a number of hands the corn crop is stored in a day, and if plenty of straw is mixed in there appears to be practically no danger of heating or spoiling in the when spring sets in

\section*{Trade Topic.}

Homeseekers' Excursions to Western Canads
The Grand Trunk Railway, System issue round-trip, homeseekers tickets at very low fares from stations in Canada to points in Manitoba, Saskatchewan and Alberta, each via North Bay, Cochrane and Transcontinental Route or via Chicago, St. Paul and Duluth, and are good returning two months from date of issue.
Through tourist sleeping cars are operated each Tuesday for Winnipeg, leaving Foronto phange Reservations in tourist sleepers may be obtained at nominal charge on application to any Grand Trunk Ticket Office. The Grand Trunk Pacific Rallway is the shortest and quickest route between Winnipeg, Saskatoon and Edmonton, with smooth roadbed, electric-lighted sleeping cars, through the newest, most picturesque af Western Canada Before deciding on your trip ask Grand Trunk Agents to furnish full particulars, or write C. E. Horning, District Passenger Agent, Toronto, Ont.


\section*{To-night!}

Try a cup of this famous cocoa before retiring. Next morning note the vigor it imparts. The reason is simple - the best cocoa beans are highly nutritious and wholesome. Perfection Cocoa is made from positively the finest cocoa beans grown - blended skillfully.

It's a good habit - a cup of cocoa a night but be sure that it is

"I Didn't Kuow You Could Play Like That !" \(\mathrm{N}^{\mathrm{O} \text { ? Wuell, there is no }}\) dificulut for me to play aince wo Player Piano new Dominion imply Piano. And the tone is imply superb So full, and More than 80,000 D
Pianos, Player Piano Organs now in use. It tells why.
 Makers of the celebrated ninion " Organs of
wide reputation.

63-B



\section*{NOTICE TO STALLION OWNERS}
@
The inspection of stallions under the Stallion Enrolment Act will commence October i8th. The Enrolment Report just issued gives date and time of inspection. Stallion owners will present horses promptly. For information write,
R. W. WADE

Secretary, Ontario Stallion Enrolment Board, Parliament Buildings, Toronto

\section*{Pure-bred Stock}

Ontario Agricultural College Guelph, Ontario

THURSDAY, OCTOBER 26th, 1916
A Public Sale of Surplus Pure-bred Stock belonging to the Ontario Government, and comprising: -Shorthorn
(beef and dairy), Holstein a nd Ayrshire cattee Leicester, Shropshire, Oxford and Southdown Sheep
For Catalogues apply to
G.E.Day or A.Leitch, Ont. Agricultural College, Guelph, Ont.

\section*{Escana Farm Shorthorns}

 Robert Miller Still Pays the Freight-And he is fifering in Shorthorng some of the beed


Questions and Answers. Miscellaneous.

\section*{Concrete Posts-Dutch Sets}
1. What are the proper dimensions posts? How are making concrete fence posts? How are they made, and what to use? What should be used for reinforcement? Would coloring in the concrete be injurious to it?
2. What are the details in the pro-
duction of Dutch sets? Are they production of Dutch sets? Are they pro-
duced from seed? If so, in what manner? 3. What preparation is used on cotton to be used on hot-beds to take the place
of glass? of glass?
Ans.- - . The size of mould would
depend altogether on the use to be made of the posts. If they are for anchor posts,
they should toper from for they should taper from 15 to 18 inches
square at the bottom to about 12 inches
at the top. Some square at the bottom to about 12 inches
at the top. Some make them even larger than this. Smaller posts would prove
satisfactory for holding the fence. Posts satisfactory for holding the fence. Posts
eight inches square at the bottom and five eighes at the top are sometimes used. A mould of the desired size is made out of ordinary lumber, the two sides and
bottom being held firmly in place by clamps, or nails. Airml it in place by
is placed in therete is placed in the bottom and reincroce-
ment then laid in. For this some use ment then laid in. For this some use
heavy wire, bent in U-shape; others
use use angle iron and again a straight
bar of iron or steel is sometimes The mould is then filled sometimes used. and thoroughly tamped. The one sul-
face can lie smoothed. ghly tamped. The one sul-
e smoothed. off and does
a board. Staples should
in one face of the post in one face of the post
in wire and care should be
ence them according to the wire and care should be
he them according to the
he wire. Concrete is mixed portion of one of cement to
or gravel. In making these
or or gravel. In making these
only necessary to cut the
at the bottom than at the
ides are held against this sides are held against this
is required on top. It
wentrered that a concrete ne size as a cedar ponct, will
h. same strain, unless well
However, if properly made

Canada's Grand Champion Shorthorns of 1914-1915
\(\qquad\)
Scotch Shorthorns, Yorkshires, and Oxford Downs (imp).
 \begin{tabular}{l} 
Two choice buls of breeding age and heifers for sale." Also sheep and swine. Fletcher. Erin, R. R. 1 \\
Erin Station, C. P. R. \\
\hline L.-D. Phone
\end{tabular} OAKLANDSHORTHORNS purpose strain. All sired by choice bulls and registered and offered at prices to live and let live.
HENSALL, ONT
OHN ELDER \& SNS.

SPRING VALLEY SHORTHORNS
\(\qquad\)
 .
 GLENGOW SHORTHORNS AND COTSWOLDS Pure Scotch in breeding, we have an exceptionally choice lot of bulls for this season's
trade, ranging in age from 8 to 15 monthe, big mellow fellows and bred in the purple. trade, ranging in age from 8 to 15 months, big mellow fellows and bred in the purple.
Also ram and ew lambs of frirs quailit.
Wm. Smith \& Son, Columbue,Ont. Myrtle, C.P.R., Brooklin, G.T.R.Oshawa,C.N.R. \(\underset{\substack{\text { Royal } \\ \text { beeding }}}{ }\) SCOTCH SHORTHORNS \(\underset{{ }_{\text {TYPE }}{ }^{\text {High-Glass }}}{ }\) of high-class, fashionably-bred Scotch Shorthorns in calf to Sittyton Sultan's Dale, a Mina-bred son on
Avondale dam by Whitehall Sultan is of interest, come and examine my offering. A. J. Howden Columbus, ont. Myrtle, C.P.R., Brooklln, G.T.R SHORTHORNS ĀND SHROPSHIRES-T. L. Mercer, Markdale,Ont.

 imported bulls. They are all good individuals and represent the choicastes het foo

F0) \(\begin{aligned} & 2 \text { imported Clydesdale Stallions, one French coach and two Hackneys } \\ & \text { ranging in price from } \$ 500 \text { to } \$ 1,200 \text {, on easy terms. All are show }\end{aligned}\) HENRY M. DOUGLAS, ELMVALE, ONTARIO
\(\underset{\substack{\text { Chaden } \\ \text { Breefing }}}{ }\) SCOTCH SHORTHORNS Hith
Maple Grange Shorthorns
R. J. Dovile,

Owen Sound, Ontario
they will last practically a. lifetime.
Colosinnt matter can be used without any. detrimental effect on the concrete. the growing of Dutch sets. However it in neressary to have the ground in

 to four inthes wide with about ten inches of space betwen the rows for
cultivation The seed
is sown sor
 using from 80 to 100 pounds of sed
per
acre.
This
prevents the
 tall the sets are harvested and dried in small heaps in the feeld and dured
on trays
in storage houses which perritit of antsimple raige hauses which permit weens, and that the coit be free from plant tood. The seed should be tested
 the rows, Growing sets requires a
lot of labor, but the returna are remunerative may be usecd nasa a sububst itute eotor for glase on hoot beds and the material used for dressing "is triee pints insed on, one ounce Tstin) Grind the actate in a litte oil,
then add the resin nand the oil. Melt in an in iron ketile overat the until it is well mixen kette aner a fire
the cloth while ward. aply it to

King Ferrdinand of Roumania was of Hohenzoller.S.Sigmaringen. He is








\section*{Shorthorns and Herefords}


On Tuesday, October 17th, 1916
Elgin St., St. Thomas, a specially selected will place on sale at Durdle's Feed Stables, The offering consists of 20 males and 30 females, bred in the purple, and many of the and all are well on in calf. Among the sires the females are herds are: Golden Lavender 2nd, Trout Creek - Masterpiece, Baron Wimple, Roan Ont.
Manager of Sale
Robson Thief Sord the noted bull. Bonnic Prefords are sired b represented in the offering Brac 31st. Familie Janes, May fowers, Symes, Lavenders, Rosewoods, Broadhooks, Jealousy, etc. Write for catalogues and plan to attend the sale.
W. E. BURTON, Pt. Stanley, Ont


\section*{困|}

October 12, 1916


Lightens Work and


\section*{1 YEARLING BULL}
great butl KING SEGIS POYTIAC DUPLICATE. R. M. Holtby, Port Perry Ont. Walnut Grove Holsteins
R.R. .1. Richmond Hill.
:OLSTEIN BULLS



THE FARMER'S ADVOCATE.



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Where are you shipping now ? And what are you getting for
your cream? We want more individual shippers
and more men to and more men to gather cream
Write for our proposition
\(\underset{\substack{\text { Silverwoods Limited } \\ \text { LoNDON, oNTARIO }}}{ }\)


CREAM WANTED

Ontario Creameries, Limited

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\end{tabular}

Glenc airn Ayrshires

October 12, 1916
\begin{tabular}{|c|}
\hline \multirow[t]{10}{*}{\begin{tabular}{l}
Cost and Service \\
The two factors considered before a purchase is made. \\
Steel \\
Truss Barns \\
measure up to every requirement. They are as sturdy as a skyscraper. They have no cross-beams to hinder unloading or mowing away. They are fire and lightning-proof. They have metal clad, roller doors, lift roof-lights, sliding side windows and "Acorn" ventilators. The cost will compare favorably with a wood frame barn. \\
Send for a copy of new book, "The Steel Truss Barn." \\
The Metal Shingle \& \\
Siding Co., Limited \\
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SAFETY FIRST
 Pratts, Poultry

 Write today for New Book, "Poul-
try Wrinkes."
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FREE. Pratt Food Coo or Ganade. Limitod
68J Claremont st.. \begin{tabular}{ll} 
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\section*{Cotton-Seed Meal}

GOOD-LUCK BRAND
Calf Meal, Oil Cake Meal, Flax Seed, Distillers' Dried Grains, Gluten Meal, Brewers' Dried Grains, Bran, Shorts, Poultry Feeds. Write for prices.
Crampsey \& Kelly Dovercourt Rd., Toronto, Ont
Bowhill Leicesters

Geo. B. Armstrong, Teeswater, Ont. RAM LAMBS

Tower Farm Oxfords


SIROPSTHIRES


Questions and Answers. Miscellaneous.

Sweet Clover-Wheat Prices. sweet clover without a nurse crop? sweet clover without a nurse crop?
Can it be sown in the fall? 2. I am financially interested in
small flour mill. Could you tell me if wheat can be bought direct from ele-
vators? What is the most advantageous vators? What is the most advantageous
way to buy it (a car every' two months 3 . Where can be found (in a table
or otherwise) the price of wheat at Toronto for the last ten years or so?
II. DE M. Ans.-1. Some sow with a nurse
crop early in the spring. Sow the
nurse crop of barley or spring wheat rather thinly. Others sow just after
the regular grain seeding alone at 20 pounds per acre, after thoroughly work-
ing the land and getting it as clean as
possible. We prefer sowing alone. 2. We presume you can buy direct
from the dlevator companies or their representatives. Make arrangements
with them regarding delivery We
know of small mills which get in a car or two at a time.
3. If you have saved your Farmer's
tdvocates for ten years look up the
market reports. We have such material


\section*{The Original Summer Hill Farm} where yooll alwavs find a

\section*{First-class Oxford}

I have eighty head of very fine yearling ewes for sale, also a head of ram lambs and fifty head of ewe lambs, all bred in the purple. All recorded and first-class individuals. No grades
registered as pure-breds, and no grades handled except by order.
PETER ARKELL \& CO., Proprietors
\&TH VISITORS WELCOME
H. ARKELL W. J. ARKELL F. S. ARKELL Summer Hill Stock Farm

\section*{OXFORDS}
in Canada. Look up our show record, it will give you an idea of the
PETER ARKELL \& SONS, Proprietors, Teeswater, Ont
Oxford and Hampshire Down Sheep
Farnham Farm The oldest established

 BLAIRGOWRIE SHROPSHIRES AND SHORTHORNS

MAPLE SHADE SHROPSHIRES


Herolds Farms, Beamsville, Ont.





 Townline Tamworths We can supply worths of both sexes and any desireung age of amp-
erior quality. Also Leicester ram and ewe lambs,
Pelkin duts, Pekin ducks, Alangshan cockerels ewe lambs, pallets.
Write us your wants. T. Readman \& Son,
Streetsille, Ont. R.M.
Duroc Jerseys For 1 F yecara our rorec.
 eclect from.
Bred from champions.
Sons,
R. R. 1. Charing Gross, O. Pnt.

\section*{Alderley Edge Yorkshires}

Young pigs both sexes for sale.
J. R. KENNEDY,
 Choice ones-ranging from \(21 / 5\) to 5 months G. B. Muma, R.R.3, Ayr, Ont.. Paris, G.T.R.
Ayr, C.P.R., Telephone, 55 R.2, Ayr. Rurai. DUROC JERSEY SWINE A few choice sows bred, both sexes, all ages, bred
from imported stock. Heading herd: Farough's
King fromg \(=2012=\), Brookwater. B.A.B's King 5042
FAROUGH, Mmporter Mand Mreder. CHARLES
Meadow Brook Yorkshires. Sows bred. sows, 3 to 4 months oth, and a ready to breed: 20
boars. All boice foung from prizewinning stock. Also
one Shorthorn bull one Shorthorn bull, 18 months old
G. W. MINERS, R.R. 3, EXETER, ONT. Morriston Tamworths and Shor, Shor.
Bred from the prizewinning herds of Engorns Bred from the prizewinn ang herds of Engorns
Tamworths, both sexes. 140 to chose
horns, 5 bulls from 5 to 10 monose from. Shortroans, dandies. Fermales of the best milk, reds and
Chas. Currie. Morriston, Ont strain.

\section*{Berkshire Pigs}


\section*{Yorkshires}

Shropshires
TAMWORTHS
Joung sows nird for September
JOHN W. Tiovion, R. .R. No. No.
For mane vearew chester whites
honors yat Teats my herd

Lakeview Yorkshires
 John DUCK, of all ages

THE FARMER'S ADVOCATE
\(\underset{\text { Miscellaneous. }}{\text { Questions and Answer }}\)
Miscellaneous Questions. If my phigs run on my own farm
pigs int of his farm, can he put
Where the and collert damage? oot collect a dog township council does
to pay for sheep killed they compelled 3. Can an assecesor by dossess? a land-
lord who keeps furniture, but does of the house live there? his
f. Can man collect pay for the loss
of his dog if he is of his dog if he is run over and killed
while chasing an automobile?
5 . A cow lying on the road at night 5. A cow lving on the road at night
is run into by an automobile. The car
is damared in the car are hurt. II the owner of the
cow subject to damages?
6. Can I trap firn without procuring a fur-bear of fruit trees is the law regarding sprayin
Some are in full blossom Some growers in the neighborhood spraye
their trees when the and killed a numther of bees. are hardy enough to endure the winter of
Eastern 9. What are the most productive
and best market varieties of plums and cherries? Governor General of calary paid the Governor General of Canada and also
the I.ieutenant Governor of Ontario Ans. \(1 . \mathrm{F}\) It is advisable to consult the Township fence viewerss and have them
pronounce on the stability of the fence pronounce on the stability of the fence.
If they condemn the find neighbor has no authority for collecting
damages, if the his farm through his own fence.

According to
Percosed to make good the council percentage of the loss of sheep killed
by dogs. It is the they do not collect the do fault that twi. The house cannot be assessed whole house and pays taxessed for the necessary for him to make it right with
the landlord regarding the he should pay for the rooms he has
reserved 5. A cow has no right on the road
unless accompanied by Therefore the owner is sulvect to antendant.
damages which might result in the

\(\qquad\) for which a license must be procured with any law forbids spraying a tree
blossoms poisonous material when
\(\qquad\) Hugh Dickson; Ulrich Bracuinat Mugh ickson; Ulrich Brunner,
Dean Hole, H. T.; Conrad F.
\(\qquad\)
\(\qquad\)
\(\qquad\)
Farm, write IW. T. Ma Ex
Domimental
Domion Horticulturist for Bulleti

\section*{parmer} P Pay

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