## PUBLISHED EVERY WEEK. \$1.50 PER YFAR.



VoL. XLV.
LONDON, ONTARIO, JULY 21, 1910
No. 930

## More bread and Better bread And the Reason for it

 be made from strong wheat. Manitoba hard wheat is acknowledged the strongest in the world-and that is the kind used for PURITY Flour.But that's not all. Every grain of this wheat contains both highgrade and low-grade properties. In separating the high-grade parts from the low-grade the Western Canada Flour Mills put the hard wheat through a process so exacting that not a single low-grade part has the remotest chance of getting in with the high-grade.

Of course this special process is more expensive to operate, but it means a lot to PURITY flour users-that's why we use it.

It means that PURITY Flour is made entirely of the highestgrade flour parts of the strongest wheat in the world

It means a high-class, strong flour, and therefore yields " more bread and better bread.'

Purity may cost a little more than some flours, but results prove it the cheapest and most economical after all.

THE SPICE OF LIFE. THE SPICE OF LIFE.
To his teacher's request that he give
he cluse ideas on the subect of craa-


## 0ttawa Exhibition

SEPTEMBER 9th 10 17th, 1910. Central Canada Fair, 1910, to surpass all predecessors.
Premiums for Horses Generously Increased, and larger appropriations of prize money for cattle \$16,000.00 AND 40 GOLD MEDALS. Buttermaking Contestc, Manu acture in Progrotechnics of Prize Animals, Grand-stand tor 12,ooo, Pyrotechnics, Mimic Warfare, Horse Races, Vaudeville. Entries clos ED. MCMAHON, SECRETARY, OTTAWA, ONT.

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The Pioneers of Canada.
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winters icy frown:
Its wrath is grim. its breath is fierce,
huls the strong oak down.
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|  <br> SELL AHEAD OF ALL OTHERS? BECAUSE: $\qquad$ $\qquad$ <br> It winds up elower to the track than any wo her <br> lass shaft " \%-inch cold rolled teel. The bucket is 18. <br> It is the eastest to crest for .. <br> Swing Pole Fittings etc.. are all patented and wannot be $\qquad$ <br> It has no gear wheek to wear out and caure friction. <br> It makes friend wherever wold, for it alwal, "ork, <br> It wou have a fond barn, let us tell wou more about the BT Litter Carrier. Wirite us thedes <br> BEATTTY BROS., RHEIRGUS, ON'. <br> we also make steel stalls, stanchions and hay carrier goods. |  |
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# The Farmer's Mivocate <br> Persevere and Succeed and Home Nragazine 

EDITORIAL

| Watch the egg-circle movement. It is the new thing in Canadian co-operation. and one of the most pomising. $\qquad$ <br> The troutle with the woollen industry is that it has too much protection aiready. That is, the manufacturers have too much protection. The resalt is our clothing bills are much higher than they would the "ith moderate duties on British imiorts <br> - My own opition is that sheepraising in Ontario would still be exceedingly profitable if nothing but mutton were produced," writes E. C. brury, who gives reasons and figures in support of his opiaion. Guite right. The sheep, of all our live stock, is one of the most economical producers of human food. The wool is an extra, and the destruction of weeds another clear gain. <br> Our boss and girls must learn not only how to work, but to be proud of work: happy in achieving, and never so proud as in a good mastery over the impediments that Vature purposely places in their way. Elimmate the whine. Sing with the sun, and let every nand-stroie give joy to the clean vitality of a resolute citizen.-IThe |
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& \text { to the clean } \\
& \text { Independent }
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Indictins Mr. Patten and others for their bull overations on the Cotton Fxchange, observes the
-aturday Evening Post, is very much like passing a law that a man may play poker all he pleases. law that a man may play poker all he pleases.
thut if he wins he shall be liable to thirty days in jail. Indicting a handful of bulls who happened to win, leaves the wrong and harm of gambling in
cotton just what it was beiore.

Those who have given it a fair trial consider thinning one of the most important orchand oper-
ations isy relieving the tree of the tax of producing a surplus number of seeds, it guards to some extent against alternate bearing. By re and sample of the number-one grade, and, especial1. If the thinnings be destroyed, it reduces the The itimerary through Fastern Canada of the
Roval Commistion on Industrial Training and Roval Commission on Industrial Training and
Technical Fducation was announced in ". The Farmers Adocate of July 14 th. That the Commision will hear the industrial-training side
of the case fully set forth may be taken for recounik the ried of hnitting rural cducation more clusels "ith that liest and sancst of all call:ms, agriculture, should not let modesty de-
ap them from apparing before the Commission to

THE HARMER＇S AdvOCATE
and Home Magazine．
the leading agricultural journal in the

－Johis Weld．Maxager

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with this paper shuyid be addresed as below，and not to any




＂The Beam and the Mote

> ddres- -THE FARMERS ADVOCATE,
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Business Sense in Business

THE FARMER'S ADVOCATE



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 Thi. Council met on liculnustay, when the re Camadian loos. The hetters quoted go to show and agrowd to beranted. hut I was instructed to athat the matter at the time, and I claime that

rdon Forest Princess.
mencth with John Bright
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& \text { Mr. MacNeil } \\
& \text { O. Mreter }
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A Use for the Thoroughbred




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$\qquad$ fosal woulat not lihel Conndian Xathonal kecoris. Oltawa,
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any Na, "tat....e with Iminery cart Hores stud

fions :omertine the four to fintie cmanate from

ofler at their shows gold ilher and bronze med
formh whoptay on ther rsertice coun ils,

Studtrook aditw or published by Harold Parges

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tir. stat becords. so that the

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THE FARMER'S ADVOCATE
withoent distress. number of miles thry could travel
 none. "ho would ride in a thugsy if he had al
good saddle horse in the stable And the pleas
goed ure derived from a ride on one of them is suf
ficient to drive away dull care, and to make lit worth hinin.
If this lass of horse can be imported into th.
country in such numbers thit they mavi be within country in such numbers that they may be within
the reach of all, may 1 also appeal to iarmers and breederss to use them.
Elgil Co. Ont

The Head of the Horse
of whech emphasis is properly laid upon the hrad sides enteringy largel: nto the whole sum of a horss's beauty, from a practical standpoint, the head has a great deal of significance regarding the breedincess, the disposition. the stamina, and
tality of its bearer. A ncat, trim, proportionate head is desired, sainly, and indicative of underbrecting or mon gret breeding. This is especially true in the lighter breeds. Yet. a large head is preferable to an unduly small one, it being pretty largely accepted that a horse with so small a head lacks in
vigor. In heavydraft horssos, the head is pre vigor. In heavy-draft horsses, the head is pre-
ferred to be always quite large, yet in proportion It is especially desirable to have the forehead oroad, and the eves prominent, iull, clear, phacid courage, and bespeaks the intelligence of the animaul Much is to be learned from the eves.
monall, sunken eye usually accompanies a vicious,
sman small, sunken eye usually accompanies a vicious,
sulten, unreliable disposition. The cheertul, free, generous horse shows it in his bright, full, lively The full front vew. of the horse's head should
show the greatest thickness at the jaws, with the show the greatest thickness at the jaws, with the
head tapering towardse the muzle.
should show full between the exes. but not brofle ing. and straight from the eyes to the not bese. dish-face 1 not attractive, if at all pronouncod,
though a sight dish is often seen in the lighter brecds. and is not a serious objection. In light
breeds, a Roman nose is not liked, thouph it is usual, in the Shires, common in the Clydesdales, and frequent in other heavy breeds. It is usually
believed to be associated with a rather wilful and enduring dispositiom. In light breeds it is as sociated with the straight or slightly-dished face The lipss should be strong and neatly carried;
the nostriis large, dilating and fine. The ears lend much to make or mar the beauty of the
horse. The maut not be the far apart, and,
while carried slighty forward, must chiefly bor rect, It is very The attachment of the hend to the neck is jery
mportant. Throantiness or thickness at the juncture of these members is not desirabile. The jaws
should the wide nrart nt the anyle and cure wwil upward at the rear. i coarse setting of the head


Weans His Colts Now.
 says that
wean the

 Henry, firme nt tirst, , and the amount oi milk is
 time Wate and what lranl ure fiwl the wolls
 ing the whis our nitht is anot win to fol-


LIVE STOCK

## Sheap for show should be frequent ty handlud.

Catbage and turnips are two splendid crops to
plan to have on hand for the show season. The
The icet of show sheep must be most carefully watcheri to prevent them from getting long, then
hreahing too short, causing the shecp to go .




$\square$
crop, and have been fortunate in losing but few
of them. The lambs have grown well and ar
. The lambs have grown well. and are
The more one travels. the more impressed is he
with the value of sheep on the farm. The writer
combat with weeds. Two things made them
selves evident in this warfare. These are, a shor
and flocks of sheep. These two features invari
blv marked the thriftiest. most up-to-date care-
rul farmers. The plows and harrows keep th
weeds down in the cultivated fields, the sheen
weeds down in the cultivated fields, the sheep de
stroy them in the pastures and by the fences in
stubible
tubble fields. And the men find both featur
nost certainly did turers in asking for
an increase of duty on woollen goods.
yor were the manu farturers present by
any means united in their requests. In-
deed, one or two of Cheir number ap-
peared to be far
nore of a hindrance more of a hindrance
than a help to their cause, and very open
disapproval of their
statements was ex-
pressed at conferressed at confer-
nce and after by some of the brother
makers. frowers were unanihuest for fair play,
and why not? Mil-
hons, of dollars the past vears, that
hould have been the ars, halent's or the
ars' prockets, by the
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evasion of paying
he priscit.

Dutiable Wool





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## THE FARMER'S ADVOCATE.

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Honor Roll of Shorthorns.-V. In it int.l. Joseph $s$. Thompson, of Whitby, im-
ported a bety of heifers from the herd of Amos having been the first to bring Sitty ton cattle into the orominence they nfterwards attained in
America, as included in that importation were America, as included in that importation were
the two red vearling Champion-of-Fngland heifers.
Sulvia and Christabel, which won first and second


 18 the the trand championshi, at Philadelphia in in
liest Sol for the he wat in the $k$ kisell herd which won first placi,
$\qquad$






 ing when he landed and a disappointment to his Watcrloo Warder should hat
owner, who had paid a wery hivh price for him, old friend of mine, an echit
but he developed into a, grand show hull, massive. ail depends upon ahe
stylish, and full of stylish, and full of quality, under the pood man- pudges on this occasion wat
agement of dohn arement of John Hope and the feeding and care Principal of occasion was Professor Mrown, the wards at kochland. (Ont manager for senator Ed- This was my first observation of a professor as
 others, the famous white steme, Clarance Kirkler In 1885 were imported by John Hope, for chanpionshirst Canadian winner of the grand low lark Farm, of which he was then manager championship at the tmerican Fat-stoch show at the 1 wo magnificent roan cows tady Isabel
Chicago in 189 t havine beom fed and fitted alse. in the low Fark herd until his teath which ice waite, of Yorkshire: and Havering Nompareil 2nd curred in 1987. Living niar Toronto. where I of F.ssex. These were extraordinary in their com, spent 56 years of my life on the farm on which 1 , in Fation of These, were extraordinary in their com-
was born, it was my privilege to and character, and at mate acquaintance with Hon Geo. Brown during times one and sometimes the other being prethe years in which he was publishing the Canada Farmer, in the initial issue of which appared a
picture of our bull, Baron Solwav; and lator. when Mr. Brown was deeply interested in shortfold duties in park farm. Considering his mani iold duties in other lines, it was surprising that
he could devote so much time as he did to the study of pedigrees and the compiling of his
catalogues. He was enthusiastic in this work, as he uas in every thing he undertook. He enjoyed a chat about cattle, pedigrees, and farming gener
ally, and it was a real relief, to him to spend his weel-ends in summer at beautiful Bow Park. His
tragic death from blood-poisoning, following a tragic death from blood-poisoning, following a
pistol shot fired by a disgruntled employee, was a painiully sad event, and a national loss. In 1582 was born the noted roan Canadian-bred of Salem, sired by Barmpton Hero, dam a Match less cow, bred by W. J. Biggins, of Clinton. Chal-


The Late Hon. George Brown.
Fin's, while, as a breeder, he was equal to if he
did not excel his illustrious sire. He was used in several Ontario herds, proving in all an uncommoaly impressive sire, and ended his career in the
(iovernment herd in Prince Edward Island, where he leit a sylendid lot of daughters, begotten in
his'tecns. which it was the writer's plworn to his tevns, which it was the writers pleasure to see there, and which were remarkably good, conChallenge's greatest son was stanley $=7949=$, a
rich roan, born in 1886 (when the old buli was in Fich roan, born in 1886 (when the old buli was in
ust in the herd oi Jos. Redmond, of Peterboro) ust in the herd of Jos. Redmond, of Peterboro),
und out of a Wimple cow. It will be interesting
to lo tollow in these chronicles the extraordinary Hero, through Challeng., Stanley and others, to mere than the third and fourth generation, and
constituting a rutord unegualled by any other in this histors onls ocrasion on which the writer ever
 mimatimatmo

The Real Trouble with the Sheep Industry.
in That group of "anadian "patriots" (who have in the past been so solicitous to increase the he must buy, and who have been so successful hat increased cost of food, due to decreased farm population, has become one of our most acute nathat partook so greatly of the nature of a gold-
brick as the proposed duty on wool. The pro-


James Smith.
posal comes ostensitily from the sheepp-breeders and the woollen manufacturers, but I am informed by a prominent woollen man, in touch with the
trade, that an import duty on wool would not be particularly acceptable, to the woollen men, while
it is hard to imagine that any it is hard to imagine that any man acquainted in the slightest degree with the sheep industry can
ceriously think that a duty of 5 cents per pound on woul, even if the farmer realized the whole in increased prices, could have any perceptible effiect guessing that the whole proposal originated with that source of all fiscal evil in Canada, the Canadian Manufacturers. Association, who hope by whicn has become the settled policy of all farmers organizations, by creating a protectionist
party among the farmers themselves. Mr. Biggar, hose letto far as manufacturer. Is it equally sure that he is not n this matter the mouthpiece of the protectionist arty in the Manufacturers Association? facts. The letter referred to is certainly rich in theories, and the result seems to be reached in hegep-rnisin : ill increase dutie on wool, and heories, let us place the actual facts as the sheep aiser finds them, and see how much the proposed inreased duties on wool would amount to. I raise shee: my flock is a grade one, well graded to orexing ewes, with five ewe lambs kept each year to replace old ones culled out. The lambs arrive A furil: the males are castrated, and all except
those which are used for food, or kept for flock those which are used for food, or kept for flock
maintenance, are fattened the following winter and sold in February or March. In short, my lock is on. which could he kept on any farm in
ontario. in its Ontario, in its proper place, as a side-line to
equipmont or care other than would be given to
any other form of liw...tock. ..t us see how this
fock pays, and tow thenditional five cents per
pound for wool wowld affect it.




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tigures nigures
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$\qquad$Thy with the whorts of th







An Illusory Proposition

Weaning the Lambs.
$\qquad$ a rule, do better weaned than running with the
ewes. if at iresh clover pasture is provided for theu. This is generally available very soon after ater should also be provided for the lambs, and take it at will, or a l little dropped in bunches on
tate the gras., near ore ordinarily, on good iresh grass,
twice a week.
the lamtis will do very well without additional feeding, but if they are intended for show or selling early ior breeding, hran once or twice a day, feed of oats or oats and hran once or wice a day,
fed in troughs in the field. For show lambs. the addition of a litte grou.
When the lambs are weaned. the shears should
be used to shorten the wool on the ends of their docked tails, and to clip off any tags of dirt which mav be present. Later, hey will do wel has grown well, ol" if a piece of rape has been
sown, the lambs will do remarkably well on this after becoming used to it. They should not be
nut upon this at first when it is wet from rain or dew, iout in the afternoons on fine days, and they will be better at first for the run of a grass pas-
lure, as well. though, when used to the rape, they
witl thice satisfactorily confined on this alone. and will fatten faster on rape late in the fall than
on anv ot her pasture, even when the rape has been repeatelly froven, and, indeed, when partially
overed with snow. When the lambs are being weaned, the ewes should be kept in a field as far eaned, the ewes should be kept in a field as far
distant irom them as can be arranged. and should be kept on short or dry pasture for a few days in
order to dry up the mil: If any udders are noficel wery full, they should be relieved by hand couple of days, to avoid injury. For security
from attacks by dogs, it is well to have a smail
$\qquad$

## THE FARM.

Two Middlesex Silo Roofs. Experience has shown that the silo is very
much improved by being roofed. It strengthens and makes more secure structures made out o
wooden staves, adds to the appearance of every kind of silo, and, by keeping out rain, snow and irost, preserves the silage in more palatable con
dition. Those who have tried silos without and with roofing, concur that the extra investment is
profitable. "The Farmer's Advocate" camera recently caught two styles of silo roois in use in
Middlesex County (East), Ont., one on the farm of Chas. Shiels, and the other on that of A. W.
Venning. Both silos are built of cement-concrete, that of Mr. Shiels being $32 \frac{1}{3}$ feet high, and 14
eeet in diameter inside. ()n top of the wall. a wooden circle of inch lumber, on which the foo of the scantling rafters rest, is held in place by wall, and are attached to the uppermost rein forcing rod, which makes a very secure job, a
the boits are threaded. and nuts were put on helding the circle down tight, As will be seen by
holue illustration the reat
the instead of a gothic window, through which to re $2 \times 4$ it, is placed in the roof. On the opposit, side is a similar one, for geting out when the
siio is full. A small metal cone covers the peak onstruction. Which, as will be seen. is simple in The roof on Mr. Venning's silo is not expensive.
hut is strong, and should be quite durable, if hept painted. The plate, which was fitted and
bolted to the top of the silo before the concrete had set, whe made of the silo before the concrete
hillo
hamber lumber, doubled. The the wall and projection of roof, 10 -foot lumber "er.
"encient the right give it half-pitch. Four rafters
plate" to be toe-nailed to the Wate, and centered on a post or whatever kind o
ornament may be fancied on the top. In this
cusi Were thin fitted in between Four false rafters
Fight siurt girts were fitted and spined ratters.
Fhetween
 15. Wanne 56 pieces 11 inches wide at one end
to tuind the roni and gothic for the window. Nine
tooards wi the samed dimensions were required to be

 Thaw , ine wid, worn which the poth of is


to be built, thus mahing a platform for a man stand on, to brild the gothic climb on the roof, The total which was only a day, and the plate on the silo, which was not very expensive, as it was


Chas. Shiels' Silo Roof.
boards 10 ft . long, 10 in . wide; 8 scan ling 10 ft long, $2 \times 4$, for raters,
scantling, 12 ft long, $2 \times 6$, for girts a few reet of dressed lumber tor 400 ft . of
the gothic-making a total of the gothic-making a total of 400 ft . of
lumber, at $\$ 28$ per M ................... $\$ 11.20$ ressing and sawing boards
Paint ............
1.20
pikes and nails

W. Venning's Silo Roof.

A good feature of this silo is the rear passage
The. Minnesota Farmers' Institute recommend spreading manure on sod fields that are to be
:lowed next year, and it would get the manur out of he barnyard as soon after it is made a possible, so that the soil may have the benefit o vinced the Institute workers that alrout half o
the value of manure is lost bs leaching if left i

Wagon Tires and Good Roads. We read and hear a good deal lately about the roads. There can be no doubt about the fact that
the plan is a good one. To make good road some plan which keeps in view the following, mus

1. Take the water off
2. 1'ut metal on top in such a shape that it 3. l'ut metal on top in such a shape that it
will stay (wetting and packing with a heavy roller
is perhaps the most practical method of making But alas ! and alach ! the great majority But alas : and alach! the great majority of
people consider that the whole work is done then, and it is only when they see water-holes growing
into mud-holes in their good road that the fact becomes clear that the road must be kept up. Sine out of ten of the roadmasters repair the
damage by putting a load of gravel or stone in damuge by putting a load of gravel or stone in speedily make two mud-holes, one at each end of
the load. In this way the good road is soon in ruins. Then they plow the sides and scrape the earth into a big heap on top of the gravel, and,
niter having an almost impassable road for some time, they begin all over again. Being convinced
that the plan is wrong, they go back to the old system of statute labor. and year after year patch
and sandpaper the roads, producing the only posand sandpaper che roads, producing the only posnever a good road. And it must be borne in mind that in many places there is not the material to be used in the statute-labor system. Ind yet, when the good road was made in the
first place, very little cost should need to be added for fifteen or twenty years, even on main added for firteen or twenty years, even on main
roads: and then all that is needed is an addi-
tional coat of metal, wet, and rolled again. AH tional coat of metal, wet, and rolled again. Ah
that is necessary to keep the road in repair is to
How can this be theep it from being cut up. How can this be It is easier to answer this question: How is it
casies to cut anything? Ans.-With a sharp inThe duller the instrument used, the
harder it. is to cut anything. If the tires on our wagons were like the disks on a disk harrow, we could soon cut up a road. When people use tires hey manage it all right. If the tires were 4 inches wide. the roads would not be cut at all, and would never have ruts. Anyone who stops to
think can prove that, by noticing what he puts think can prove that, by noticing what he puts
into practice on his farm, or what he sees done on his neighbor's farm. In drawing his hay and grain to the barn, he soon makes deep ruts if he
uses narrow tires. But where the 4-inch tire is uses narrow tires. But where the 4 -inch tire is
used, the beaten track becomes simply a broad, used, the beaten track becomes simply a broad,
lat surface, free from any cutting-up. The same
thing is seen in drawing out manure. How much thing is seen in drawing out manure. How much
less will the wide tire cut in the hard gravel road?
But we all see that the narrow tires cut with But we all see that the narro
ease-not on the team, though. Four summers ago I saw a great deal of crushed tone put on the road. Early in the fall there deal of heary teaming over that road, the loads being chiefly apples, hogs, grain, hay and wood.
tinong these teansters was one who used 4 -inch tires. His loads were wood-dry maple and weech-and two cords was the average load. He $r$ four trips a day. With the roads left a slight rut, but along came the 4 -inch tires, and nce more the wheel-track was flat and level. The teamster referred to was in real good hurnor when he in the road, I flatten it out again." That stretch road stayed good till the snow covered it. ther long stretch of crushed stone. The same loads were thus drawn over it, but, unfortunately. the wide tires did not travel that far. The re-
sult was that very soon there was cut a slight rut. Which held some water. It soon became a
deep rut, and before the snow came the road was n mere wreck of its former self. Total case in a
nutshell Same preparation for both roads
Same loads on both roads.
Where wide tires rolled the road it was aved, but elsewhere the road was ruined
If one wagon thus equipped could prove so
beneficial to a road, it can easily be seen how lithe wagons were set on four-inch wheels. Against his, it is argued that the wide tires catch all the loose stones, and make the travelling very rough.
But it is only where the narrow tires are used that the gravel is cut into and the stones turned ap. The uide ones do not dig stones up; they coll the loase stones into a solid pavement, and here they are not doing any mischief, such a
jarring vehicles. spraining horses' joints, not t mention the interruption of human temper. The
cpirit which rides above the wide tires " keeps the even which ridas above the wide tires "kecps th tumbling-hlocks thrown up by the narrow tires stumbling-hlocks thrown up by the narrow tires
Even in dry weather the narrow tires grind up the
gravel. to be blown away as dust. and thurs the

THE FARMER'S ADVOCATE
 sunumer roads, use four-inch tires on your woons
Howeverer, there



 If my memory serves me right, a short time
ago there was something said in Pariaiment about
making it unlawful to use narrow tires on way
ons making it unlawful to use narrow tires on way-
ons. Some of our cities and towns have b-laws
to that eflect, but they are merely on the bookto that eflect, but they are merely on the book-
not enforced at all. Yet, I could point out, in a
city not 1,000 miles from I city not 1,000 miles from London, where a great deal of money was spent recently in order to pave the streets which the farmers used in i,ringin
their produce to market. It would seem to m mat
that if the city had used this monev in maving part of the cost for wide tires for farmars who
used those streets, the city would ho mene pocket a t the time, and any would be money in
be permanent. whereas. as long as the would
bermers and others continue drawing heary as the farmers and
with narruw-tired over them come narruw-tiren
good then the
systen for good system for a city to adopt would bere. A
a part of the price who show the price of wide tires to the farmers a certain tonnage. Each farmer who drew in the
required weight (sho wing that he wsed a good deal, and (showing that he used the streets
narrow thus harm them with his narrow tres, would be entitled to his share of
the 4-inch-tire fund. Thus, the city would meally
profit profit by spending mones, for proper tires for The Ontario Government is spending annually
considerat.in money for consideratic money for the improvement of roads
and anyone who looks for it can see that th: roads dealt with are improved But it is just as
easy to see that the cood are being cut to pieces with narrow tires as fast as the farmers can do it, and thus the as fast
money is to a large extent wasted. Now, if thic money is to a large extent wasted Now, if this
Good-roads money. were wpent in part buying
wide tires for the would be accomplished in the making of more roads. The Government should also appoint capa-
ble men to oversee the construction oi permanent roads, as well as making a standard day's wor,
for those employed. Good results cannot bormant fained as long as teamsters doing the road wo worb or crushed stone, and call it a load In order to introduce the broad tires generally,
a cootl stej, would be for the ratepavers to pledice heir townsnip council to use its influence against
harrow tires. The same pressure could to bear on the county councile could he brought representatues in the Legislatice Assembly. on our
cultural papers would do a ing for the use of the four-inch tire. Those buy-
ing new wagons ing new wagons should see that no new tire ess than four inches in width.
nade, their use will rapidly
armers should Permers should all start togn become general

Good General Crop Prospects in Canada.

Werk on till condition oif fielly anots and the nut at and condition of farm anmels or the theminion pared with it ix in "heat is $8.5,17$, this year. OA was 90 in 1908 . and 93.41 in 1909 and this yom $t$ was 51 IN . and in the previous war, last seat
Dairy Cattle on Pasture, Prince Edward Island.

## THE DAIRY.



Cheesemaking
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
 sequence of drouth and hot winds. In the Fdmon
ton district, the grains some extent from the same causes, are in much Strathondition. The liestrict reports come from the ticularly and Saddle Iahe districts are also par Inmbia are all good. The areas of late cereals
Inckinheat flax corn for hushing, beans, potatoes.
turninc forder and other roots, sugar beets, and corn for
 the increas. is altopether in flax which. owing
the hich perce offered tor seed. has,
with the farmers of the Jorthwest merease since $19,-\quad$ are herses show a noticeathe
wine hile sheen and

Dust Prevention and Road Preser-
vation. vation.


Fxperiments were made during the summer of "irsie work to co hacio the your 1897 for the
 roads


 fions. The recults show that it has but lithl. It the thirty-thirs annual convention of the conconsatwo form it mav he clacsend as a a then


$\qquad$
$\qquad$
Manure for Hay Land.

THE FARMER'S ADVOCATE
$\qquad$
I the cheese made from the pasteurized ${ }^{\circ}$ milk
$\qquad$
port trade.
6. The striking point in the experiments is the
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POULTRY.
Proposed Classification and Standards for Grading Eggs and Poultey.
The New World's Butter Record for Thirty Days.
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ol
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De Kol Queen La Polka 2nd

Too Hot to Work.
$\qquad$ lick the entire under side of the wing, all three
joints: pick the upper part of the first joint next
lo the body; leave the feathers on the upper part of the last two joints, including the long wing the back to within $2 \frac{1}{2}$ or 3 inches of the tail:
$\qquad$
$\qquad$
$\square$
Selects to consist of specially-fattened birds:
extra well fleshed, and of superior finish and appearance; unbroken skin, without blemish, straight
i, reast-bone, and neatly packed in packages that
hold one dozen birds. Each package shall in-
ind Clude birds oi a untiorm size and color of hesh
and lebs.
No. 1 to consist of well-fleshed birds of neat (ts: pached in neat boxes holding one dozen
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

## THE FARMER'S ADVOCATE

fuences. On holding a new-laid egg to the light,
it will be seen that the air-space in the large end
is is very small, and the yolk almost invisible, as in
Fig. 1. As the age continues, the airspace Fig. 1. As the age continues, the air-space en-
larges, and the volh becomes visible, as in Fig. 2
Rough-shelled and be shivped. Though some markets may call for several
grades of eggs, as a general rule there is no nee
essity for many grades of eggs, as a general rule there is no nec-
essity or many grades. What the best trade de
mands is freshness, grading uniformity mands is freshness, grading, uniformity in packing,
and regularity in supply. and regularity in supply:
For ordinary purposes
For ordinary purposes, two grades of eggs will
be found sufficient to satisiy the demands made on
the producer, viz. the producer, viz., new-laid selects and No. 1 . Another grade of common stock may for a time be
marketd, tuut they must not be sold under the
brand of the Association New-laid Selects.-To consist of strictly new-
laid eggs, not over 5 days old, weighing not less laid egys, not over 5 days old, weighing not less
than 24 ounces to the dozen. clean, of uniform
size and color to size and color; packed in substantial, of uniform
having cleases, fillers. No. 1.-To consist of new-laid eggs, not over
five days old, weighing not less than 21 ounces to
the dozen ; clean, packed in substantial and neat cases. With clean, fillers.
Note.-Common eggs, not covered by the forekoing grading
brand of the

Growing and Fattening Chickens would iike to make an experiment with them. We
have built a nice clean pen which will and have built a nice clean pen which will accommo-
date about 40 or so chicks at a time. We would
dike to have from you advice as to the proper iike to have from vou advice as to tive proper
feeeino, in order to bring these chickens to a
marketable age as marketable age as quickly and economically as
possible. Of course. the ones we start with are
the olject of the the oldeest of the lot, and are quite a size nowe
You can probably size them up when I state that they are just trying to do a little crowing. About
how heary do they want to be in order to be in
the best shape for marke the best shape for market. We in order to be in
dress them or sell live weight? They as to
dres a Ans.-The thest thing to do with 250 chicks. I.
various ages is to carious ages is to give them a good run, with
plenty of feed for the next two months, at least.
The season has passed for The season has passed fort broiters, and the roaster
season does not usually open up until September season does not usually open up until September,
unless there should be a local demand, such as
from summer vicitors etr unless there should be a local demand, such as
from summer visitors, etc. If you can give the
chicks the run of a cornfield, root crop, or even an orchard, and put some hoppers with mixed
grains where the chicks can eot them grains where the chicks can get them at will. you
will find that there is very little trouble in raising these chicks. and they will grow like weeds. quire. Then, when the oldest chichs weight from
$3 \ddagger$ to 4 pounds, put then in for several weeks on a mash composed of oat meal, barley meal, corn meal, or a mixture of the three,
or, in fact, any mixture which vou may available. Mix these "ith Sour milk or butter
milk. Sive them two ferds a day, and you will
find, al the end of several wee:s, vour chichs are Heshed up, and are in prime condition for eating.
If you have no experience in hilling and pluching.
it may be as well to sell alive. Firms will a better price for crate f.ed chickens than wor the
other hind and it pays the farmer betler to
ten his oner hind. and it pays the farmer better to fat-
ten his chicks, lumause the last pound costs the these chickens though it will be found tore con
 birds. Several of these crates are a good twelve
ment, and will give tetter results than fieding in pens or vards. In the incantime if the cockerel
are troublesome it would he as well to take thy
pullets alvav.

Hens Eating Eggs-Treatment ror Lice.

1. Can you tell me it there is no other way
cure hens of eating their eggs but killing them
what is a surt cire Is there any way of killing hen lice by puttine in the water or food. Ans.-1. If eggeating is a confirmed habit, is difficult to cause the fowls to desist. Some
poultrymen have prepared nests with sloping botpoultrymen have prepared nests with sloping bot
toms, down which the eggs gently roll beyond reach of the hen. Some have filled egg-shells with
mustard, and pasted them shut. Uthers have mustard, and pasted them shut. Others have
reconmended clippingr an eighth of an inch off the end of the bill. Perhaps the easiest and best way is to provide dark nests. The writer cured a lock of the habit last winter by this simple ex-
pedient. The hens scemed to prefer the seclusion of darn nests, anyway, and no trouble was thereafter experienced with egg-eating. "ith a flock badly addicted to the habit, and not receiving a
fair supply of lime and meat food, it might not Iair supply of lime and meat food, it might not
be so easily. checked. 2. The following method, suggested by an expert of the United States Department of Agricul-
ture, has proved excellent in ridding houses of mites and lice, when the weather conditions are such as to permit of the birds being kept outside
the house for five or six hours. Close all the the house for five or six hours. Close all the
doors and windows, and see that there are no cracks or any other openings to admit air. an iron vessel, and set it on aravel or sand near
the center oi the house; place in the wessel a the center oi the house: place in the vessel a
handful of shavings or straw saturated with kero-
sene sene, and on these sprinhle sulphur at the rate of about one pound to every ninety or one hundred
square feet of floor space. Instead of using the square feet of floor space. Instead of using the
shavings and kerosene, the sulphur can be catur rated with wood alcohol. When everything else is in readiness, light the material and hastily
leave the nouse. In case any anxiety is felt about fire, a glance throuch a window will show danger of fire when proper precautions have been taken to have plenty of soil beneath the vessel.
Allow the house to remain closed for three or four hours, at the end of which time one can safily concluce that there are no living beings inside Now throw all the doors and windows wide open,
so as to drive out the sulphur fumes thoroughly. and then the fowls may be allowed to enter. Let thenv in one by one, and as each one enters. catch it and dust it well with insect powder, which will
destroy the lice on the birds. Tobacco dust is also good to use instead of insect powder. The birds and house have now been freed from vermin for the present, but the eggs of the insects have
not been destroved, and in another week another swarm will be hatched out. Therefore, it will be necessary to repeat the operation once or twice before the pests are exterminated. Aiter this
care should he used to see that no strange fowl care shmitted to the house or yard without having been thoroughl, rid of the licc, for one lousy he

## GARDEN : ORCHARD.

Apple Thinning in British Collumbia
Th is not so much the production of a strain of
thinning. $\qquad$ sincu those leit "ill grow larger, fand l.e of boed The best commercial size of apples and conse
quently the best selling size of friot, will the regulation box. properly packed. If bushelhe regulation box. properly packed. If however
rean, are allowed to ripen all they set in a sea-
Onl lif. tho procent.
of them imperfect. Hence the importance of thin-
ning.
ning The proper rule to follow in thinning apples is to do it in such a way that no wo apples will
toun each other when fully grown. This lease on the tree all it should bear, and wis will pose each apple fully to the sunlight, and obviate at the insect injuries which so frequently take place ning, too, all imperiect and diseased speciment removed, and these thinnings should not be stroyed by the ground, but collected and dedestruction of whatever pests may he on them the would orchardists followed this rule, the market Would never be glutted, and a good (but not exweather permitting, instead of becured annually, practicing what 1 preach. and am sacrific in the expectation that the trees will, owing to whis treatment, give me a heavy crop, next year.
when the many orchards that have overury this season will te taking a rect. "ith the usual
resuit of a short croj). II. J. L. HAMILTON

## Thinning Apples

The following is the experience of W. H. French
Oshawa, on this somewhat new ,hase of orchan Theree years' experience leads me to believe that either good ferilizing, working and profitable as the orchard. Judicious pruning or spraying of Why do we thin? place of thinning.
Wh first larger, more uniform and better-colored apples bearing. The tree does not have its vitality owered by oivercronping, from which it takes years to recover. In fact, I am satisfied that I lost
ten prime Baldwin trees during the very cold winter we had a few years ago, by letting them
overbear the previous season. The fertility of the orchard is not wasted in growing culls. Scien
tists tall tists tell us that the bulk of the tree's energy is
expended in the development of the seeds and coie, the pulp being nearly all moisture and a
littie humus. We may littie humus. We may also add the time saved of inferior fruit in pick, sort and draw a quantity In 1907 I thinned a lot oi 40 Spies, six of these I left unthinned; from two I removed Two of hirds of the crop. Remaining trees were well filled ercation, I conclude that the crop. From obnot sufficient on my light land one off one-third is is probably sufficient; when trees are heavily of the crop, there is ter. To remove two-thirds On coarse. a danger of having fruit over ot inore than unthinned trees, at picking time not over half of the cent. would pass as No. 1 . 2 quality. © Where two-thirds were removed, disperate weather conditions which prevailed at picking time, these were not sorted separately: In 1 thos I had a gent. No. 1 . of twenty Baldwins. These were so high that
negllected thinning them. Two of these trees were trees were fully phe third time. the apples on these per cont. Would pass ns No 1 and not over 20
heshde qawe over
hoie haif the thes close cent. frour hours work on those two heavily-1aden that "ould have vielded mee $\$ 3.00$ aperive more moneve
Thrse grades of fruit are those allowed me by the
()slawn Fruitchat
 11 int at tree has, say thrue larrels of apples "inl add five onts harrel in the summer
$\qquad$

We went over
h. the remain.
he extent that
$n$ the summer
When
Wher
When
that when in wity on of hali, at when
$\qquad$
fruit is thor
we find th
ready to b
lad have been
mold have benn

THE FARMER'S ADVOCATE
varrels of 又o. 2 iruit, with not a bushel of culls. overcome. As this is impossitle, I would sughest
The per cunt. of No is not over 50 in the aver-
scattering the sed carefluls, so as not to allow age nin three years' experience I have not had a
single instance when thinning has not paid me

 | irmon nea |
| :---: |
| instances |
| nens. |

Fruit-packing Prizes.
 shools, were conducted, and at that time it was
stated that the Itepartuent would issue diplomas to those attaining ecrtain stand ard oi pro-
ficiency. This proticiency will be estimated on the

 to the varhing concern employing him. The em-
of ther will be ashed to furrish a statenient re or the will be asked to furnish a statentent re-
pararding the proficiency and speed of (he student as
gas a practraching contests will Le held at many of the agricultural iairs for packing school students.
Packed fruit eexhibited by hem will be judged by an expert park
paching julged
Fititen, ten and five dollars will be given as
first, second and third
prizes.
The conditions are: Each exhibit must consist of five boxes of
apples; five or fewer varieties; five packs: all layapstes, wrept face, wrapped; box need not be nailed;
frut
anay fruit may be wiped;
Score as follows :
no layer papers. ,

 points (or 75 per cent.) will be awarded diplomas by the Department of Agriculture
It is belleved that, in setting useut standard of proficiency, the efort neecesary will be well worth making. The increased do-
mand for good packers in Rritish Columbia in the


## Value of Cover Crops

1. In a bearing raspberry plantation, would
it be advisabte. ohere manure spread on the fields
cosis $\$ 2$ ver ton to plant rye in tiontember to costs $\$ 2$ per ton, to plant rye in september to
plow down in May? eradicate if some of it should get into the rows?
The rows are six feet apart. too narrow for a drill, and presumatly the seed would have to be 2. Assuming one ton of horse manure theo-
retically free from weed seeds, to be worth 100 per cunt, what is the value of one acre of ema-
of the following crops to be plowed down for macrops suited to the purpose, the values given not
to bo the gross content of the crop, but the net ta be the gross cond clear of the food extracted
the growine crop before being plowed down. 3. If one ton of any of the following crons
were cut in the usual condition when ordinarily harvested and hauled to another field, what would
be its value as manure, horse manure being 100

 harvested, as distinguished from the roots. and
D. . . . .
stuble
The objict of cultivating between the rows of
 treel., wnetrate the soil, and do its part in ren
derinn "he plant food in the soill available. To
culliwe






 more conononical than the farmyard manure at the
prices stated. The abore statement is made on the assump-
tion that the soill is rich enough to produce re quired growth. If, however, added fertility is reqe that the addition of manure, with cultivation
lhroughout the season, will not cold groughout the season, whil not cause too big manure and rye would be the best for the ground
I think the point that must be kept in mind is that the rye will not add any fertilit. to the soil The organic matter formed will, in its decay in
the soil, increase the available iertility, but in does not add any fertilizing constituents, Wh ther
manure is to be used with the rye or not, will de
 with the data we have on hand The legume atmospher, but we have no way of distinguishing
hel wen the nitrogen kathered yrom the soil and bet ween the nitrogen gathered from the soil an buckwheat, millet, etc., all the food which they been derived from the soil, so that in the case d
these crops. the not wolue to the the food extracted by the growing crop) before be ing plowed down, would be the same as the gross
value, with the exception that vegetable matte has been turned under which will form humus, and leave all the good elfricts that this valualle sulb
stance has in the soil. However, as we have no way of valuing the amount of humus that would
ve formed int his way, we cannot ascribe a value
to thise material it is worth a creat deal to the soil, because no soil wan ac do bus best work
without a good supply of it. With reference to the third question, we have
 tioned. If, as requested. we place the value of
horse manure at 100 per cent then the standing of the other crops in per cent. of this per ton.

| Horse manure | 100 |
| :---: | :---: |
|  |  |
| ed clover |  |
| Peas. |  |

It is, of course, evident that any such figures horse manure is not of a constant composition The green crops would be more constant in this
respect than manure. The calculation for the arious co the has been made in the green con figures give a greater value to rye than to the le gulnes, but it is at once evident that the clovers. partucularly, would have a good deal more root
Substance than the are and the rots of the clo-
vers, because of the ability of this ontant to absorb nitrogen from the atmosphere, will have a much
greater value than the rye Consenuently, if thi clover was to be plowed down on the field, the its value would be very much greater than rye. nature but ones which are very hard to answer
from data on hand. and the only way that clea ceidence can be got for a comparison betweern
these coops is by experimenting with these vari ous paris as cover corps.
ontar
onticultural College.

Good Fruit Prospects in Okanagan
will tivis season be shipped from the districts sur rom present indications, there will be over 10 carlouds of peaches grown for shipping. Sommer
land alone estimates to ship 25 carloads of peach the cherry crop is the best in the history of
the
ranchas lasi season trat number of the fruit ranches last season sowell cover crons as root prop
tection, andi its beneficial results are seemingly demonst rated in the incrased yield of the or
chards that were so treated. and the estimated
vield of the Ville. ior this. senson. Fruitmen hre gradually lcarning more seasarding conditions sav that such precautions are being taken as wrousht upon the orchards in many of the valleys
 and this summer is witnessing much increased
plantation. Farmers in «rneral are quite jubilamt

Potato-sppaying Advisable in Dry Weather
$\qquad$
 and serious potato diseases have, temporarily, a
most disappeared from the state, yet only fith of about one hundred tests made by the station, or reported to it in these three years,
have shown a financial loss irom spraying, and he average increase, on more than 1,000 acres spraycd in the experiments, was 36 bushels to the
ure. The bulletin summarizes the results of 33 Station experiments made during the past eight
ears, in which the average gain from spraving Nerv two weeks has been 102 bushels per acre at Nrteva, 54 bushels at Riverhead; and, from Mis at (ieneva, 29 bushels at Riverhead. The crave gain made by farmers sprayig and
tiation inspection has been 41.1 bushels per acr
 fendently, but reporting to the station, on areas thilsh. from 74 to 600 acress yearly for six years. - safe to say that the practice of spraying has the last seven years more than $\$ 50,000$. Io this we may add a reprint of the instruc his ,ery full and authoritative article on votato-spraying, published in "The Farmer's Ad ocale of May 5th, 191 liegin to spray early-just as soon as the
carlist hatching of the cggs of the Colorado beectle, or when the plants are about five inche high, Keep the leaves well covered with Bor
deaux, using a poison with it in each case, until Chat, keep uring sirordeaux, but without, poison,
If the weather is wet at any time from the 25 th of July, up to the end of the growing season
take extra precautions to see that the ioliage is well covered with Bordeaux, lest the late bligh get a start. In no season should there be fewer
than tirree sprayings, and in most seasons there used at the strength of $\overline{-5-10}$ (fiviv pounds lime five pounds bluestone, and 40 gallons water), in stcad of the usual 4-4-40. One pound of Paris
green or three pounds arsenate of lead are strong green or three pounds arsenate of lead are strong
enough as a poison for a forty-gallon barrel of
Bordeaux.'
Detalled instructions for preparing Bordeaux er's Advocate," and may be found in connection with the spray calendar in our issue of April Spray your potatoes for blight. If you could see this disease working as plainly as you can
see potalo bugs, you would not think of allowing it tor run its course unchecked. Remember, too bugs, in this respect, it must be preventive, and should be done before signs of damage appear
buucs may be poisoned. the bight fangus. Bugs may be poisoned the blight fungus mus
be prevented from getting into the leaf-tissue.

Stpawberpies Successfully Shipped to Winnipeg by Freight.
In 1909 we sent one car of strawberries Winnipeg by freight, and two cars by Dominion express. The car by freight made us the mond one again by freight, and two by express, but
after interviewing the head office of the express conurany, they told us that, to take a car of ber ries to Winnipeg, they wanted at least 8510 , from St Catharines, and, as five tons is all that is
saife to put in a refrigerator car, this meant $\$ 1.50$
per case of 24 tores or 64 cant per per case of 24 boxes. or 64 cents per box, ex-
press, which was ,rohibitive. As the season was to send only one car of the growers were again skentical, The majo some the most prominent growers failed to help, but 14 arranyed to put in their berries according to in
structions and on June 24th a Grand Trunk Pa structions, and rer was loaded, anter proper icing
cific refrigerator and the crates spaced and stored in the car. The
car was expected to arrive at noon on 29 th , but. owing to delay in transit, did not arrive until here had learned of the delay, and, on accoupt Friday beng a holiday. had notified our con change) to be prepared to sell on arrival. The car was biaced at their warehouse promptly
$4 \mathrm{p} . \mathrm{m}$, and before $5 \mathrm{p} . \mathrm{m}$. berries were loaded and sold. They were found, after the sixFriday was a holiday, the grocers were not buy-
ing gand berries were all sold o the restaurants
at $\$ 3.50$ per crate, whereas. if the grocers had


An Orchard Tragedy.


Use of Sods in Lawn-making Editor "The Farmer's Advocate":
The cuickest "as to make a lawn is by sod
ding. For small areas. for terracing, and for boraers of walks and drives, it is the best method On large areas, seeding usually is practiced. as is teast expensibe. but the expense can be re
duced to a minimum b, the use of a sod-cuttel
operated operated by horse-power. It is of a cost of sod
ding that presents its more gineral use and ding that prevent- its more ge neral use, and moof the cost is incurret in geting and cutting the
sod-laborious worn whon done b, hand.
The illustration shows a homenade that is cheap in cost and hithrine in operation Anches deefne. form then boris oi the implement
 block is bevelled in iront, as shown The
attachments can t.. tradr by ans hiachsmith
ron roiler is atout inur inchw. in dameter and
placed ten inche bach of the whorior wint ih
sod





A Sod Cutter.

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Wi the two hundred and sixteen
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during the season 15pection and cale Act, secure
bs the Fruit Division, the majority originated in
che iraudultnt packing oi apples. The names o
the paitles conictited will appear in the curren
report of the Ihairy and Cold-storage Commissin
report of the Thart and Cold-storage commission-
er. $1 t$ is noticeable that the larger number of
prosecutions were made in connection with froit
from districis where spra ing

THE FARM BULLETIN
Why Young People Leave the Farm

## ditor "The Farmer's Advocate":

 Cits. and having come, some years ago, Farm than one who has lived in either
$\qquad$ Mrs. Hopkins, in her letter of February 24th
seems to see clearly. what voung or. and to sympathize with them, and yet The country boy would be awkward when savs gom the shadow of his we anon. and the countr nan, she is wrong. Has not and dudish sales-
iry bos or girl try boy or girl twice as much common sense as
che average shop girl or dudish salesman? And why need the the ashamed, when thes are lastly
betier ont.
In mind the matter of dress has little io do with drawing the vounger generation cityward dress weople lising in the country do not always
dood taste, nor yet have many five lothes. The reason for this, I believe, is that and consequently their clothes oiten wear them. iashonnequently their clothes oiten become ol oo, as a gencral thing, country people dress more
tor comiort than ior stvle. I thinh the progrestive farmer and his fame time, be found provided with what good clothis ar. Noil. this brings us to the point which I be
 ther for at social time and this refers more tar ar tw all ton hass w. are tied at hom. 1.t. and manotonous There are many meother


Wh a lovely piace that they would not are to
Whe of to the citic. The old-fashionen two or
theseated convesance is all right, and needs to 10 \ow, iarm life is much as we ourselve make man works all the thme. from early morn a waat night, even to the back-aching, health-breaking
Foint. Thea it is all wrong, and evers farmer should see to it that his wife is not doing so,
ior every woman owes it to her iamily, to keep
well and voung. Ii the daughter grows up t.nd mother jaded and worn, and brokens up to
health, will in she desire to follow in her And if the burden proves too heary, and that wife the farmer owns a hundred-acre farm and a good bank uccount? There is much work that can be can be put into it. Many oi these conveniencas farmers labor-saving implements. The oi the the her. in order to save her time and her son to give Lou, Mrs. Hopkins comes down rather hard on
iarmers: I don t know what kind they may in Russell County, but I want to say right here and now that the farmers I have come in contact They may not be as finel-dressed as the one man or store clerk (their business doesn't call for it), and they may not be as polished in manners as some city men, but they are, nevertheless, Sow, in reference to the farmer's family : Mrs. Hopkins is decidedly wrong in what she
says about baby girls not being welcomed by the iarmer. Being the mother oi a daughter and a
son. I can say that one is just as precious as the other to toth father and mother, and I have in carcely be thought more of by any parent. Both bovs and girls are needed in the farmer's family. have sons to help him on the farm, but that Happy say he would not care for his daughter. help him, in these dars when his own sons to on the farm is almost unobtainable. The city inerchant who has sons naturally takes them inty sho business when they become old enough: so est in the farmer give his boy or boys an interable farmer will do justice to his daughters, as Now, Mrs. Hophins makes some erroneous Statements again in her letter oi April 21 st. The
third paragraph is altogether wrong Show me the farmer who, as long as
he is able to walk he is able to walk, will let his boy have
any lead in the management of the farm. Show me the farmer who, having graduated his prove his an agricultural college, will let him returns home, etc." in practical fashion when he dozen young men in our neighborhoome half a the controlling interest. or a farm oi their own, who have feen to the in health to-day, and three lege, and are now the ontario Agricultural ColIn conclusion. let me say that the farm is much ful place "ith a little work and thought a beautin 1t, and the boys and girls will see its loveli-
ass. and want to stay on it ; or it can become ould care to remain on which no boy or girl Beautiv, our homes and farms: inaugurate nore sociability and make the farms so atractive
hat there will be no lovelier place. and then see Roseblo.

Farm Management in Missouri Agricultural College.

## h.i. d ded the best they agriculture was in its <br> chluathe and valueless the have grown, nd the usefulness phase of farm ar: the of of farm $1 \begin{aligned} & 1 \text { new step in ad- } \\ & \text { Missouri The col- }\end{aligned}$ Missouri The col-

THE FARMER'S ADVOCATE.
Co-operative Egg-marketing Dis- $\qquad$

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$\qquad$ Good Potato Market in Cuba. Almost half our exports of potatoes for the fiscal year ending March 31st went to Cuba, ship-
mints to that Island amounting to $\$ 60,893$
worth, renresenting an increase over the previous worth, representing an increase over the previous
year of $\$ 103.834$. The increase in volume was
inch larger, but prices were, on the whole, from a third to a half lower than in former years.
American buyers, enjoying, as they do, a prefer-
"ntial tariff in that market, made every effort to capture it, quoting lower and still lower prices,
till their potatoes were offered in Havanna at $\$ 1.50$
per barrel, c. inf., and finally $\$ 1.40$ per barrel.
$\qquad$
$\qquad$
$\qquad$ United States and Canada, probably will be the
result of the action by the United States Govern-
mont in the appointment of Chairman Martin A
$\qquad$
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Saskatchewan Alfalfa Competition Popular.
The Saskatchwan alfalfa-growing competition has caught the popular fancy to a degree that
was hardly expected, even by those most interested in the plan. The number of inquiries for
information in regard to the rules of the competition has been large, and those who have sought expert advice in the growing of this important crop have not been few. Last spring. Superin-
tendent Angus Mackav, Indian Head, who is one of the first and most successful growers of alialfa in Saskatchewan, offered to give a sack of inoculated soil to any person who would pay the freight charges on it, and more than two
quests in a short time was the result
GOSSIP


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\begin{aligned}
& \text { Ollboaras to the the ontario. One thou- } \\
& \text { tions throughout } \\
& \text { sand dollars' cash increase in the live-stock }
\end{aligned}
$$

year should induce a good show, and every

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\begin{aligned}
& \text { the large number of exhibitors, both new } \\
& \text { and old. who will be in attendance at }
\end{aligned}
$$

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\begin{aligned}
& \text { year. Prize lists. entry forms. and all all } \\
& \text { information, may be obtained from the the }
\end{aligned}
$$

## Miscellaneous

paper, It is edited by J. $H$. Dreven-
stedt, a breeder and judge of twenty-fi
years' experien years' experience; is fully illustrated, and
is contributed to by the leading of this type of fow 1 in America. Th
text and illustrations are changes to appear in the 1910 American
Standard of Pertection, and treats of
the standard of Perfection, and treats of an
the varieties of this beantiful and useful
breen breed. The history of the origin of the
breed. breed, and the steps in its development. are fully recorded. The desirable color
markings on the various markings on the various parts of the
body, and the form sought in each vari-
ety. is clearly set ety, is clearly set forth. Improvement
breeding, and management suggestions o
valuo are and value are given. The price of the book
is si per copy. postage prelaid.


TRADE TOPIC
$\qquad$
PRUNING MELON AND CUCUM-
$\qquad$ Ans.-When the melon vines begin to run freely, it is well to nip off the ter
minal buds of the main vines when the reach four or five main vines when they
duce the formation length, to inwhich the frumation is mostly laterals, upo
have never heaced. have never heard of anyyone prucen ing cu
cumber vines when grown out of doors though we have heard of the vines bein
trained and promed rained and pruned when grown unde
lass. Any subscriber who has tried it Glass. Any subscriber who has tried it
nder either condition, will conter
hwor by detailing his practice results, with explanation of the cond
tions under which he might consider

BINDWEED.

Controlling Foul Brood in New Zealand.
Dairymen Get Demands.
spondent, is the onty country in the worldwhere the state has power to compel the beer
heeoer io use a frame hive, the means bs whichfoul brood-the great menace of the industry-ceed uniess foul trood is effectively controlledceed uniess foul hrood is effectively controlled.
The New Zealand law quickly placel the industryon a commenting upon this, a leading Canadian beekeeper writes:" As far as I know, this is yuee
correct as to law. but there is this to remembera movable frame enables us to detect. Yet, the
modern sustem, with interchange of combs botweenhives. with often interchangee of combs in supersafter extracting. and with danger of robluing inmodern manipulation. the danger of spreading the
disease is vers much greator than with the olddisease is very much greator than with the old
natural swarming, hrimstoning, etc.. ss sten. In
(Ontario there are very few box hives. in (Quebee.
The Manitoba Horse-breeder
vaging a vigorous crusade against the practice rollment and registration of without proper enrollment and registration of the animals. On
June 29 th five charges made by the Association Winnipery. The several owners pleaded guilty at failure to enroll stallions and to posting notice of said enrollment, and were fined.

Where the potato goes the bug finds its way,
potato-growers on our western prairies are grad. Potato-growers on our Western prairies are grad-
ually making personal acquaintance with the ually making personal acquaintance we with the
Colorado beetle. Thair one-time immunity is

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\begin{aligned}
& \text { render the same service at the low } \\
& \text { State Fair, according to the Breeder: } \\
& \text { Gazette. }
\end{aligned}
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\begin{aligned}
& \text { The belted Hampshire hogs advertised } \\
& \text { by the pioneer Canadian importers and }
\end{aligned}
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\begin{aligned}
& \text { by te proneer Canadian importers and } \\
& \text { breeders, A. O'Neil \& Son, of Birr, Ont. }
\end{aligned}
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& \text { near London, are atrecting widespread } \\
& \text { noter } \\
& \text { atention, and the demand for them the }
\end{aligned}
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\begin{aligned}
& \text { attention, and the demand for them is } \\
& \text { reported o be steadily increasing. } \\
& \text { Messrs. O'Neil also advertise for sale } \mathbf{2 5}
\end{aligned}
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\begin{aligned}
& \text { Messrs. O'Neil also advertise for sule } 25 \\
& \text { choice two-year-old, high - grade sters. } \\
& \text { che }
\end{aligned}
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\begin{aligned}
& \text { sulat real good yearling steers of the } \\
& \text { aname class, which should find ready paur- }
\end{aligned}
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hasers, with present market prospects.

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& \text { The management have just completed } \\
& \text { The on }
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& \text { the work of preparing and shipping their } \\
& \text { billboards to the different railway sta- }
\end{aligned}
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\begin{aligned}
& \text { sand dollars' cash increase in the live stock this } \\
& \text { department of the prize list alone the }
\end{aligned}
$$

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\begin{aligned}
& \text { effort is being put forth to accommodate } \\
& \text { the large number of exhibitors, both new }
\end{aligned}
$$

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\begin{aligned}
& \text { information. may be obtained from th } \\
& \text { secretary. A. M. Hunt. London. Ont. }
\end{aligned}
$$

MARKETS.
Toronto.

 sally tor butchers'. Exporters, $\mathrm{SG}_{6}, 25$ to



 try foins
Revine of last wemks markets


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and



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The Windrow.

entitled. "In the. Cat ckills," is in the
hands of Hought I laundry for washing. starching and ironing dirty "greenbacks" has
been installed in Washington by the been installed in Washington by the built at Quebec The late span is being
I. Sornment Mr. Joseph Thomas, who made nipeg, and the largest collieries in fortune br inventing a pliable hoop- the world are in Nova Scotia. Canskirt in the old davs, died not long
ago in Hoboken. N.J. has the most prolific and exten-
sive sea fisheries in the world, the ago in Hoboken, N.J. largest silver, nickel and copper John D. Rockefeller has offered mines, and the thickest known coal
a gift of $\$ 50,000$ to Acadia (College seam in the Wolf ville, N. S., on condition that and $\$ 150,000$ shall be raised to suppla fact guillotine owes its name to the Pr. (iuillotin, disgusted by tortures which wells be published this travels, which were inflicted on the poorer
classes when they were brought up
be entitled "lfrican Game Trails." for
 stituent Assembly that all " criminals" should be treated the same,
irrespective of rank, and that the
leasp rrespective of rank, and that the
east painful possibe execution for
II condemned to death should be fixed upon. The motion was ac-
cepted, and another physician, Dr.
Antoine 1 .ouis. devised the machinc. first known as the "Louisette," but
afterwards as the "Guillotine,"
"hich was deaned "hich was deemed more distinctive.
because of the prevalence of the names 1 ouis and Louise in France.
The awful carnage of the guillotine, Which had not been foreseen by the
benevolent IIt. (iuillotin, was a source
of endless sorrow to him. "He could of endless sorrow to him. "He could
never," writes a friend, "console himself for "hat he called "console him- involun-
ary blot on his career. His vener athe features wore an expression of
creat sadness, his hair had been In endeavoring
0 mitigate the suffering of humanity
of
fell that ho had unvillingly been fell that h. had unwillingly been
means of destroving many lives."
(iuillot in died in 1814. just
IF Cuillotin diod in 1814, just a
-w davs before Napol-on abdicated
o Fontainthleau for the first time.
$\qquad$








 "Cast the net on the right side ot the
 night wast orgoten in theil oo of fonding then the ofstreat shles




 piereed loeause ot His love to them. idea of the welcome that will meet each
faithful worker when the Great Morning
بun
Where the Light for ever shinet

$$
\begin{aligned}
& \text { Where no storm ariseth more, } \\
& \text { Where the SA VIOUR meeth His loved, }
\end{aligned}
$$

But, as I said, it is also a record of

$$
\begin{aligned}
& \text { facts. No wonder those men loved one one } \\
& \text { who, though He was so evidently far } \\
& \text { whove them, was so thoughtrul and cone }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Who, though He was so evidently far } \\
& \text { above them, was so thoughtful and con- } \\
& \text { siderate. so triendly and obliging, so }
\end{aligned}
$$

$$
\begin{aligned}
& \text { siderate, so friendly and obliging, so } \\
& \text { tender and practical in caring for their } \\
& \text { ordinary needs. They were cold and wet }
\end{aligned}
$$

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\begin{aligned}
& \text { and hungry, so He provided a fire and a } \\
& \text { good hot breakfast. They were weary, } \\
& \text { so He waited on them. Has He changed }
\end{aligned}
$$

$$
\begin{aligned}
& \text { so He waited on them. Has He changed } \\
& \text { since then? } \\
& \text { In these }
\end{aligned}
$$

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\begin{aligned}
& \text { In these last days, we are told, God } \\
& \text { has spoken unto us by His Son, by by } \\
& \text { Whom also He made the worlds }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Whom also He made the worlds.". Think } \\
& \text { of the thoughtrul consideration for our }
\end{aligned}
$$ comport and pleasure which is shown our

everywhere in this world of ours we aver hungry for beauty, for the mystery
are hungry
of infinite distance, for harmonious coloring and graceful forms. We soon tire of valids know. Think of wall-as inbeauty and coloring of sky and landscape and sea. There is infinite variety and hink what we should have suffered Just the sky had been a glaring crimson all over But no mother could prepare a nurser hor darling with more thoughtful
tenderness and profusion of beauty than tenderness and profusion of beauty than
our Father has lavished on us. As
" I find earth not gray, but rosy,
Heaven not grim, but fair of hue

## Do I stoop ? I pluck a posy. Do I stand and stare? All's blue.

The Ingle Nook
$\qquad$

$\qquad$




 Therrese houm tourts in thantil

The ityood wordd atter alle
The chance of happy choices,
The bugle sounds, the hope and faith
through fogs and mists that callThe heaven that stretches o'er us,
The better days before us,
And what can we do to follow the
$\qquad$
$\qquad$ the tired fishermen on the shore?
In a certain home one day, the groce had forgotten to send some eges. It
was a bacon-andeggs dinner, and there Was a bacon-andeggs dinner, and there
was a probatility of the one who had
cooked the dinner having nothing overfor her share. The master of the house
jumped up from the dinner-table, mountedwith a dozen eggs before the family rea



! ${ }_{\substack{\text { mio } \\ \text { tio }}}$ | tio |
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$\qquad$ ${ }^{t}$ my
$n$
mand
and
5,000 vines. Wike most French people,
1 knew something of grape culturn as Italian farmers were numerous in the district. I was certain that I could find
competent help, at a reasonable
 before buyirg, that the crop of grapes
alone could be made to pay more than the interest on the investanent; and, tor
the rest of the farm, I resolved to study the rest of the farm, I resolved to study.
during the first season, the methods of other farmers and their favorite crops. Every newcomer in a farming commun-
ity will get an abundance of advice, solicited and unsolicited, and so many con-
fusing and conflicting statements reneraUsing and conficting statements general-
ly are bewildering. During my frrst sea-
son, paid the penalty of liotening son, I paid the penalty of listening to
free advice. Sweet potatoes constitute one of the leading products of this region. The
soil is well adapted to their culture, the sonl is well adapted to their culture, the
yield and quality are excellent: therefore,
it is in cood taith it is in good faith that ordinary farm-
ers will advise the newcomer to plant few acres of "sweets." But the genuine
farmer is able to farmer is able to do a lot of hard work;
he generally has several children who are also made to do their share of labor,
and, having no hired hands to pay, the from the crop is really very large, and, while sweet potatoes are a
good-paying crop for such farmers, their
cultivation requires such a cultivation requires such a lot of work
from beginning to end, that those who
must hire all their help should avoid their culture.
During my first season, I had four acres planted, and, although the yield was
satisfactory, I did not come within a satisfactory, 1 did not come within a
hundred dollars of making my expenses.
I resolved, then and there, to eliminate
from my farm all such crops as "sweets." peppers, and berries, and to engage in
the growing of those crops, the total possible cost of which I could calculate
in advance, as well as the probable income. I noticed that the majority of
people were too much engrossed in the
culture of vegatables and berries to grow
culture of vegetables and berries to grow
the hay and corn they needed; yet, such products were in great demand, were sell-
ing at high prices, and the possible cost
 proximation than from almost any other
rop. This was the first consideration
o make me decide in favor of their
A nother consideration, no less impor-
ant. was that I needed corn for poultry Another consideration, no less impor-
tant, was that I needed corn for poultry,
then, the farm, vineyard, orchard and all,
had been neglected tor years; it needed had been neglected tor years; it needed
fertilizing, and to that effect resolved in cold weather. Wide porches and verandas are a very sensible fashion. to put in crimson clover on the whole
twenty twenty acres, but. fearing that the soil
was too poor to grow it, I purchased three cars of lime and two of stable ma-
nure. The resulting crop of clover was Cower the cost of fertilizing. It used the
 ( $4-2+2=0$

IHE FARMERS ADVOCAIE
$\qquad$ Cooking Vegetables. the vines were dry when the time came and poultry
to put in the clover seed again in Au- wine made fro $\qquad$
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$\qquad$ Cookin
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$\qquad$
$\qquad$ although cream dressings are often liked.
Any cold, cooked vegetable may, of
course, be combined with salad dressing,
to make vegetable salad.
Lettuce with Cream.-Take crisp, well-
blanched inner leaves of lettuce, wash
quickly in cold water, and drain. Tear
each leaf into three or four pieces. Mix
$t$ teaspoon salt, $t$ teaspoon pepper, and
i tablespoon vinegar together and
sprinkle over the lettuce, then add 4
tablespoons cream, one at a time, and
mix by tossing the lettuce lightly.
Serve at once.
French Dressing.-Put teaspoon salt,
t teaspoon pepper, in a bowl. Add a
little olive oil and stir well, then add
little olive oil and stir well, then add
more oil until 4 tablespoonfuls have been
used, stirring all the time. Last of all,
stir in one tablespoon vinegar, dilluted
with a little water, if very strong.
Cooked Salad Dressing.-Two eggs, 1
gill vinegar. 2 gills milk, 1 tablespoon
bitter, 1 teaspoon salt, 1 teaspoon mus-
butter, 1 teaspoon salt, 1 teaspoon mus-
tard, teaspoon pepper. Put the butter
and dry ingredients into a bowl and
mix. Add the eggs and beat for five
minutes, then add the vinegar and beat
one minute. Now add the milk, place
the bowl in a pan of boiling water, and
cook until thick as cream, stirring con-
stantly. Cream Dressing.-One cup sou'r
Sour
cream, 2 tablespoons lemon juice, 2 table-
spoons vinegar, 1 scant tablespoon sugar.
1 teaspoon salt, $\ddagger$ teaspoon pepper, 1
teaspoon or more of mixed mustard.
Reat the cream well with an eggbeater;
mix the other ingredients together, and
gradually add to it, beating all the time.
Cream Dressing.- One cup cream (sweet
or sour), cup tomato catsup, 2 table-
or sour), $\frac{1}{2}$ cup tomato catsup, 2 table-
spoons olive oil or melted butter, 2
tablespoons vinegar, 2 tablespoons sugar,
1 teaspoon salt. Mix the oil, salt, sugar
1 teaspoon salt. Mix the oil, salt, sugar
and vinegar together. then beat in the
catsup, and finally add the cream, beat-
ing it in gradually. This dressing is
ble
1,400
$\qquad$
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$\qquad$
$\qquad$ Elderberry Wine.
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DUNDAS AND RICHMOND STREETS

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Health in the Home.
Care of the Well Child. Haby should bathing. have a tub bath every





 that means
TTmperater of hath should be 1 nur de
grees tirst month. $9 \%$ der

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$\qquad$



Canada's Greatest Herd of Hampshire Swine



9 BERKSHIRE PIGS




## THE \& ARIMER'S ADVOCA'TE

The Beaver Circle



Our School Fair
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[^0]
## Are Your Children Properly Fed?

ET us talk about the right feeding of children. or strong you want your children the par of if yoned constitutions and for the rood red blood hey are properly fed. And these words "properly fed" mean much in the diet of children. For it isn't quantity that counts, but quality.

There is no better food under Heaven for growing children than plenty of first class bread growige They thrive on it, grow strong and fat and butter. They thrive on chave it because it is a complete, well-balanced food.
Bu the bread must be good-the very best, and the best is made from ROYAL HOU'SEHOLD FLOUR which contains the full fromiment of Manitoba Red Fye echicat - for only wheat of this character contains enough of the right quality gluten to balance the starch. Gluten makes bone and muscle, starch makes /at. It akes
the right combination of buth to make properly balanced hread. FLOUR Bread made from OGILThes in hlond building muscle building, health building glutin. Children like it better and thrive better on it. With "Reyal Houschold" you need never Wave anything but the very best recults for it is always the same, alsoluecle yuiform, yar in and year
and is just as good for Pastry as it is for Bread.





Canadian National Exhibition, Toronto AUGUST 27th to SEPTEMBER 12th, 1910

## \$50,000.00

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哣stock premiums. For infor
J. O. ORR, MANAGER, CITY HALL, TORONTO


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All the Summer Resorts Charming muskoka
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FRENCH RIVER FRENCH RIVE
STONEY LAKB KAWARTHA LAKES
AKE COUCHICHING, ET
Round Irip Tourist rickets on sate at
Sailings of pasenger steamer trom SARNIA
to SOO PORT AKTHUR and DULUYH,
every Monda Wedredar and Saturday at



 C

Is absolutely pure strong and healthful. Delightfur in flavor cal Cocos, should be boiled Cocos shoul be minutes in either milk or water to produce best results.
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1194
HORSE OWNERS! USE


## Spavin Cure

has been the horseman's standby
for 40 years and is used all over the world

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Miscellaneous.
WORMSEED MUSTARI

IELD STONE IN SILO WALIL
SILO DRAINAGE-WIRE FOR REINFORCING
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1196
Had Heart Trouble
LIFE WAS A BURDEN ILBURN'S HEART AND NERVE PILLS CURED HMM.
N. Mr. Elexander McKay, Port Philips, the B.B.B. Almanac of how many poor
sufferers had been helped by Milburn's sufferers had been helped by Milburn's
Heart and Nerve Pills, 1 thought mine Would not be amiss. I am a man of - sufferer from heart trouble, and life was a burden to myself as well as others. I could not lie on my left side and some-
times 1 would nearly choke, and was very nervous and run down. My father, a very old man of eighty-five years, told me
that he often heard people recommend
Milburn's Heart and Nerve Pills to be a great cure so thought it would do no
harm to give them a trial, but I had very little farth in them. My wife went to before I had used the last of the first box I noticed a change, and before the second
box was done I was cured and am a well Price 50 cents per box, or 3 boxes for $\$ 1.25$ at all dealers, or mailed direct by
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THE FARMER'S ADVOCAIE QUESTIONS AND ANSWERS Miscellaneous TO KEEP FLIES OFF COWS. Will you kindly let me know the best
way to keep flies off cows during the Ans.-The following treatment for flies
has been frequently recommended, and has proved very satisfactory: Fish oil
vallon, coal oil pint. acid + tablespoonfuls, mixed and applied
to all parts of the cow, except the udder.
$\qquad$ A long cedar log belonging to A float-
ed off his farm on to B's farm during the high spring flood. soon after, 13
sold his farm to Coce cuts the log up. him, but to A Alls it dows not belong to of $\log$ from (C) A. IB. CC
(Ontario.
Ans. It
 ing payment from C, hy an action such
as is suggested. It appears to us that
A may tairly be regarded as having. in ,int of law. abandoned the log.
FHE DO
 and possissed of more than four inches,
Aemale of powerful
Aiting jaws. The tallisul
Ther biting jaws. The jaws of the male arfu
extended into long curved, piercing or
yans, which cross when at rest. and
not wese ot used offensixely. The female lays
Ner egss in white. chalky-looking masses,
pout threequatters of an inch ro. on the leaves of trees overhanging ang. and hatular stitutions The Thy ife of two years and eleven month
They feed upon aquatic insects. The
Tossess. at the anal
 When full-grown, they leave the water to
pupate. The pupa is light yellow it Color, and transforms to the adult insect LUMP JAW-ECZEMA Just noticed quite a hard lump on th
side of my bull's neck, just back of point of the jaw bone. jubt back of the the and shape of a wouse "gy. The end may
be attached to the bone. but nut sure
(1) Is this lump I also have a mare with flat lumps,
yarying in size from a pea to that of a varying in size from a pea to that of a
hens egg, on her body, especially around
shoulders and neck. A few broke and the appears to the itchy, She is not lef
and
$\mathbf{w}$ ill eat. (2) What would you recom
mend to bee done for her"
 appear so far buch. the probability
hiat it is attached the to the bone of the
haw in the animal is in good and not wery valuable, it may be well th
dispose of hitm before the trouble grows Wh. must succrosful remedy for tump, yaw the. indide onfpotassium treatuent

HOLCHE SOOTCHI BUTME H. SMIIH R. R. 3. Hay Huron Co HERD-HEADING QUALITY.


Elora Station. G. I. R. and C. P. R. J. ALEM.


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NDARD ${ }^{\text {w }}$ was "e haft, and d when taken
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no signs of ood as new. ast nearly a
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please mention this paper.

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soc at all Dealers or upon the blabtric bean chemical co Lte ottawa.

## QUESTIONS AND ANSWERS

 MiscellaneousCOMPOSITION OF AN EGG akup of a hen's "ge? sucm Ans.-From the question, as framed, "
"at a loss to understand whether mespondent wishes to know the chom composition or the structural part tary standpoint, we reply as follow shell consists almost entirely $(96 \mathrm{pe}$ ncarly seven-ighths water, the remt onn-third is proterin of the oth

BLOODY MILK-WHEAT SMUT as one teat that has loerol uroducin
$\qquad$ ns. -1 . This is due tha a congenitat

$\qquad$
$\qquad$
Surad the wheat on the barn flow


ORCHARDING ON SHARES.
it wor. t.. tahe harrew ..f an ...r.har


Maple Villa Yorkshires and Oxford Downs



## JULY 21, 1910

Cemede's Next Census of Populathention. Cill be The next census of Canade will be $\rightarrow$ mim embrace the subjects of population,

 Oedid of reitience and perranald doescriptuan; clivenahip, nationality and roligion;
profesion, occupation and trade of living; wagooarnings and insurancos; edication and language spoken, and imEvery persoon living on 1 st June will entered on the echodule of population Hon or huusehold, together with plact ot the family or household, and whether single, married, widowed, divorced or yoar of birth, and age at last birthday, Bntriles will be made for each person to anow the country or place of birth. year of immigration na Canada if born olserrhere, year of naturalization if for-
morly an alien, and also racial or tribal origin, nationality and religion. Eivary person of alien birturnalise citizen is Canadian by maturalised- citizen is a Canadian by nationality; and every British subject overy native of Canade who has ac-
quired elitizenship by birth or naturalizaquired elitizenship by birth or naturaliza-
tion, is also a Canadian by nationality. But there is no Canadian by racial or
tribal origit, unless the Indians are so tribol origiti, unless the Indians are so Eounted. person having an occupation or Every person having an occupation or
trade will be entered for it, but if emploged in the censuas year at some other
whole time, he ocoupation for part or whole time, he
will be so recarded also. If the parson Win working on own account, the entry quired to me made. Ap entry is also repersoon is employed, as on farm, in woollen ming, at foundry shop, in drug store, Wagoearners are entered to show the
number of weeks employed in 1910 at number of weeks employed in 1910 at
chief occupation or trade; at other than chief ooecupation if any; the hours of working time per weok at chief occupatotal earnings in 1910 at chiel occupation; the total earnings at other than when employed by the hour. Eantries are required to be made for each person, showing the amount of inlite, as well as against accident or sickness, together with the cost of such in-
surance in the census year. surance in the census year.
Onder the heading of education and language, records will be taken for every
person of five years of age and over, showing the number of months at school write, and the language commonly spolt by each person. The cost of education in 1910 for persons over 16 years of
age college, convent or university is elso called for. population relates to infirmities. It calls for a record of each person having an infirmity. If blind, deaf and dumb, crazy or lunatic, idiotic or silly, a record
thereof will be made in the proper cot umn, and the age at which the infirmity appeared is required to be specified.

A short time before his death, Phil cular letter from an American business house engaged in the sele of dried fruit,
inviting him to compete for a prive to inviting him to compete for a prive to
bo given for the best design to be used
in advertivin in advertising their wares. Only one
prize was to be given, and all unsuccessfol drawings were to become the property After rending the circular, Phil May sat down and wrote the following letter "Gentlenter, -I am offering a prize halfe-crow dor the best specimen of you trait und should be glad to have
Twelve do the competition Twelve do shold boxes of each kind of fruit
fruit tha. for examination, and all
prive adjudged worthy of the
 undersign. It is also required that the
eharges. fruit so forwarded be paid
by the ar.

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