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Uie two er hiree poutids to foiththeprial salions water

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# The Farmer's Fivocate 

 and fome )ragazinePersevere and Succeed.'

ONDON, ONTARIO, JULY 22, 1909

EDITORLAL


Wheat-growing in Ontario
 are devoted to this crop of increasing the acre
peaking at this season of wheat-growing in In speaking at this season of wheat-growing in Onand is understood that rall or winter wheat theant, as the growing of spring wheat, except in the castern section, has been practically abanhave left out of their list of crops fall wheat also, believing that other things can be more successfully and profitably grown. Others have never right through the period of low prices, claiming that there are advantages in connection with it. culture which can scarcely be reckoned in money frew of these it may be well to mention.
$\qquad$
$\qquad$ yat of order, and to lose the advantage which hot only the valuable fodder, but improved me hanical condition of the soil, and actually inreased fertility for subsequent crops. Clover is now deservedly accounted by many the hasic crop easons there are many failures in securing a good tand of clover when sown with spring grain. specially outs. For a scason or two there may .". good success, and then for a longer term seeding down with fall wheat success is not abso utely assured, yet the chances of success are so nuch better that some have for this reason alone remarks do not, of course, apply to sections where with a spring-grain nurse crop, or where fal heat camnot be grown successifully.
No crop furnishes such a large amount of bed
hat is getting rather scarce. Straw and chal Tre being used move and more for fodder, and this is went, hut some bedding is a necessity, and it i The stress of spring seeding is materially less erepared and sown the presious fall. This means hrough this your. when the time usually given to weparation of lanct for hoed crops was taken up with spring steding, and corn and roots have been ing began. It is also worthy of consideration
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at, or, erpecially pea stubble sround, in such a field, if properly prepared, would be very suitable r wheat, and the whole could be seeded down in pecial course Each farmer will have his own lse what is suitable for him. Fall wheat can be rown successfully after peas, beans, barley, and ften with fair success after oats, and even corn and that there are advantages in having some ortion of the arable land, say 10\%, devoted its culture, no one will deny
gaina caution should be added, however the sowing of a large acreage of poorly hile fall wheat is no longrices have been high utstas demand ong two years' use of the land and a barnyard full of manure to produce it: still it is seldom economy to sow it on land that is not in fairly rood condition and heart. It is quite possible, oo, that many will be a little disappointed in hext year's prices, for recent high figures have uffered a drop, consequent upon improved threshing returns and prospects for the 1909 world's rop. For instance, on July 1st the average ondition of spring and winter wheat combined in he U'nited States was rated at 86.5, as against 8.9 on July 1 st, 1908 , and 82.5 , the average of the previous ten years. In Canada, winter-killing iol anada, against 89 last year, spring wheat being, owever, as 86.77 to 80 last year. Other wheatErowing countries of the world also seem likely to verage fairly well, so that while low prices next material modification of over-hopeful price prognostications. The Canadian farmer will, there fore, be well advised to sow a reasonably large
acreagi of properly-fitted land, but not to spread himself too wide on wheat.
The annual autumn labor problem again faces he West, no less acute than previously. J. Bruce Walker, Dominion fmmigration agent, 20,000 men will be required to go into the harvest fields of the West. Where they are to be obtained is a problem. Eastern Canadu can ill spare so many. Some day West ern farmurs will be ohliged to go more extensively into mixed farming and solve the harvesting broblem by engaging more men the year round c men can be obtained on demand, the present path of least resistance will be pursued by the the runs a chance season of hig crops and labor shortage.
season of hig crops and labor shor
H. C. Duff, B.S.A., who has been appointed to take charge of the new district office of the On tario Department of Agriculture that has been rocated at Norwood, addressing the West Peter borough Farmers' Institute, announced the inten tion of putting on a two-year chourse Discussing he obvious deficiencies of our public-school curric num, he pointedly observed that the pupis studied and learned about Napoleon's Waterioo but were not taught Calendars outlining the agricultural course in full could be obtained at vorwood.
United States imports for the fiscal year, end ing with June, 1909, exceed those of last year by about $\$ 100,000,0 n 0$, while exports fall behind $=2=2$
the Farmer's Advocate
and Home Magazine.
He L

## bicultural

 DOMINION.THE WILLIAM WELD We COMPANY (Limittid)
john weld, managr
Agents foil mer's
Winsipge,
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the farmer's advoca
is published erery Thurscalate AND HOME MAGAZINE
It is impartial and independent of all cliguuss
 practical, reliable and proftiable information for farmerse dairy
men. gardeners, stoctmen and bome-maters, of any publication in Canada


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receite of postage.
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with this paper should be in reference to any matter connected
med as below, and not to any vidual coonected with the paper.
adress-THE FARMER'S ADVOCATE, o
the william weld company (Limitro)
London, Camada
Cream Gathering and Home Buttermaking
A gingery contribution to the larm-separator
and creamery-butter discuision has heen received from a feminine correspondent, who takes excepclass, which she reads into some of the former letfew women may not be so cleanly as they might, is no reason for retlecting upon the whole class. She further asserts independence of creamery facil-
ities contending that it pays better to make buter at home, anyway if omls for sake of the buttermilh, and concludes with a secere indictment of
the cream-gatherer. We ar. very glad to publish this letter, "weeping, she adds to the discussion an importan , (ream-gatherers are not all as the one she has d. as the should bee, and some of the methods pran iced are anything but cleanls. The cream haul fins a responsible perition, "md ombly an intely
 hovever, spare no pains to eduratt, humleres. ant


here the routes are long, and where the dis- pose we try the same thing for the hors
 sons, be abolished. With it would go the dirty has the colic and the man takes the medicine, measuring rule which comes in for "Kirsty's the cure the hired man. Watch it given. A little exr. strictures. Where the babcock test is user, cise may also be kiven, and will help matters common method hauler doesn't have to put a ruler kinger may be added, if desired. and then the hauler doesnt hate There are few fatal cases from this form of in the cream at all system of grading cream colic, if the disease be not complicated by the adt
If, in addition, a sys. could he introduced, and it be then paid for ac- dition of other troubles, and many cases par could be introduced, as well as richness, a considercording to quality, as well aspecdils effected in the able improvement might of creamery butter. Gradiny, however, is considered of doubtful practicabilits. under present conditions of creamery competition. As matters now stand. the quality of all the cream is often injured by the quota sent by careless patrons, and, as a rule, the cream-gatherer doesn't improve it any.
"Kirsty's " retort on behalf of the farm women may be answered by those to whom it is addressed. For our part, we have only to add that, while some iarmers' wives are not so clean-
ly as could be wished, we give them credit for ly as could be wished, we give them credit for
being as a class, a long way in advance of their being, as a class, a long way in advance of their
husbands, and the latter are doubless far in adhusbands, and the latter are doubtless far in ad
vance of the men in most foreign lunds. But the whole world is awakening to an appreciation of teriologs, and practices that were once condonet are now condemned. We all need to wake up. at home, and sending cream to the creamery while we place a high value on butternilk, we and woman's flesh and hloot. Home buttermaking thay be necessary where there are no decent
iactories or creameries within reach, or, in cheesefactory districts, where suturday night s milk i
made up, for home use: but the extrome sel sacriticing spirit oi the hard-working woman who


HORSES
Common Colics.
$\qquad$ hary surgeon, I find the most common ailment horses is what is popularly known as "colic." ()riginally, this term colic, was applied rightl but now it is loosely piven to any and ever
kind of abdominal pain. Whether the pain arise in the stomach, intestines, liver, kidneys, bladder or any other organ, it is called colic This is his horse in pain-he immediately flies to som result is death of the hors. Veterinary sur yeons know that the sixteen or serenteen kinds nt cauces ubdominal pains-arise from difier require different treatment, and we know, als
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use a pump or syringe. and throu in about a gal everything obstructing the way, and most likely brings it away. Not only this. The move ments of the we generally find that this movement is communicated to the whole in a wave-like man ner, and so the whole trouble is removed. But you
tainly the gas comes away readily. But tainly the gas comes and read, I have succeeded
have no pump or syringe? Well have no pump of rubber hose and a ten-cent funnel, and once used a rubber spout from a seed drill,
inserted one end, raised up the other, and poured inserted one from a jug into it
Suppose you have none of these. Well, then do as I have often done in an emergency : Strip off your coat, roll up sour sleeve, wet your arm with the warm water (or srease it with lard), and gently force it inside. and thus remove by
hand perhaps enough of the bloching material hand perhaps entio the rest to pass. Meanwhile, remember that the intestines are inflated with gas, and if the horse throws himseli violently to the ground he may even rupture these swollen bowels. It id good to give him somle exercise. since this aid the stable, be so secured that he cannot throw himself violently
Sow we come to the thind and mos: dreaded
form of colic-the deadly inflammation of the

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& \text { We have the same primary symptoms as } \\
& \text { bowels. others, namely. pawing. rolling, looking }
\end{aligned}
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& \text { in the others, namely, pawing. rolling, look ing } \\
& \text { back to the flanks, etc.: but. unlike the first, wo }
\end{aligned}
$$

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\begin{aligned}
& \text { back to the flanks. etc. but, unlike the first, w } \\
& \text { have no periods of rest and. unlike the second }
\end{aligned}
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we have no bloating.
To the trained eye there are many other differ

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& \text { are some diagnostic symptoms which any farme } \\
& \text { could distinguish . The belly or abolomen is ver }
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& \text { could distinguish. The belly or abdomen is rery } \\
& \text { sensitive to the touch in enteritis. and if it }
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rubtred he will show sign, oi pain, and may eve

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& \text { use his heels or teeth. In spasmodic colic, rult } \\
& \text { sing his belly gives ease. In rolling, then, }
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$$
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& \text { bing his belly gives ease In rolling, then, he } \\
& \text { tries to turn on his back in order to take the } \\
& \text { to }
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pressure from his abdomen, because of this pain
Then, again, he irequently passes small quantities

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& \text { of manure in fact, he sometimes almost appear } \\
& \text { to have a form of diarrhea Finally. by cererting }
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& \text { rall-beef appearance } \\
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& \text { ane from the two preceding because the treat } \\
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& \text { thain desire was to stimulate the animal. and to }
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& \text { mpent is radically different. In the first case our } \\
& \text { anain desire was to timulate the animal. and to }
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In the second we relied chiefly upon getting

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& \text { hin hod. and more esterially rest for the bowel. } \\
& \text { li we can stop the action oi the bowels for a }
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& \text { time, nature mav remove the inflammation } \\
& \text { have held }
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& \text { have held pot mortem examinations where the } \\
& \text { inllatmel mart tidy not }
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$$ inllameth mart did not ewtend bevond two or thre

inches. In, ther casen the greater part was in flamed.) on of the hest drugs to zive is onium in some forn Withy" Wewtherel opium. or the tincture Mauda

Tincture of aconite would be good as an addition, if we could only depend upon it, thave

A Canadian-bred Champion Hunter.
ous results, while fifteen drops is a good dose another kind. For this reason, I am afraid to
recommend its use.
Now, a few words in conclusion. Horses are worth at present a lot of money, and it will ake a number of years for the hills, of the veteri


Canadian Hunter Gelding, Sir Edward.
"inner of first and Toronto Cup for qualified - hunter championship at the Inter-
national Horse Show. Olympia, London, Fngland, 1909 Bred in Kent
Brat

In connection with the accompanying illustra rion of the Canadian-bred hunter gelding. Sir Ed ward, a few notes as to breeding and performanc will be of interest. Sir Edward was bred in Wes kemt, ont., and purkisa as a threy. Hend by us his full brother
bred, with action, Sir Edward is well-made horse, is very intelligent deal of courage He was firs heal, where he wo the Sir Montagu Allan silver cu or best hunter member of a rec ognized hunt. He dle-weight hunter
class. He was ame during th arly part of the Horse Show, held in England a month ago, but
won second, priz won second prize
in the hunt tean class, making him eligible to show for the champion-
ship, in which class all first- and second-class winners in the hunter This constituted a
Thorld's championworld's champion-
whip for hunters.

Hackney Registra

Tor this reáson, 1 earnesty adrise the of the Canadian Hackney Horse society embody case quickly, if there be any sign of bloatins, the following provisions as to conditions of regisAd especially if the symptoms described under nearest :eterinary surgeon. The pedigrees of the following animals In hour delay may make all the difference be- Animals imported from Great Britain recorded patent recocery and death areall hot rely on the and the help, of the wonderfully wist man, the local full registry class, and must be by a quack, "ho "Ithout spencmge a minute of his registered sir, and out of a full time or mones in studying the profession, gain: his experience by practicing on expense, and then probably calls in the pro, © ional to treat his own. Still, if sou are ton from a veterinary surnom then follow axactly the ndice I have given
registered dam. mare shatl be recorded in the full regis-
try class when she is by a full registerod sire and is out of :

1) a full registered dam or (b) a hall registered dam of b) a half registered dam.
mare shall be recorded in the half mare shall be recorded in the half
registry class when she is by a full


THE FARMER'S ADVOCATE


Winter food for ioal six months: hay wir.s, as much tood to produce beet at The word "Imported" can only be applied
horses imported from Great Iritain or Irelan horses imported from (ireat Britain or Ireland
Animals bred in America, by sires and out of dams recorded in the Canadian Hackney studboo full registry class, and must be by
full registered sire out of a full regis tered dam. mare shall be recorded in the ifull regis
try class when she is by a full regis tercd sire and is out of a) a full registered dan nare shall be recorded in the full regis try class when she is by a sire half
registered in the Canadian Hackney registered in the Canadian Hackney
Studbook (English entered and im
ported and is out of:
(h) a full registered dam or
(b) a half registered dam. mare shall be recorded in the half
recistry class when she is by a full registry class when she is registered sire (English entered and imported
prior to October 1st, 1891), and is out of:
a) an inspected danl or
b) an uninspected dam, provided the mare to be hall registered is herself mare shall be recorded as Inspected
Foundation Stock when she has been inspected by an authorized representa Society, or has won a first prize in
the heavy harness class at a recog nized exhibition
nimals recorded in the American Hackrusponding registry

Rules 2 to 13 , inclusive deal with matters on
application. cortifichtes, misrepresentation, defini
14. The Fiw for membershy, shatl be $\$ 3.00$ io
rees shall be as follows
Fach animal
Transfer of ownersh
Duplicate certificates
New certificates

## Non-members-

## Vach animal

Transifer of ownersh
Duplicate certificates
New certificates.
Addresh all correspondence and make all form

Raising High-class Colts
ing breed, although the merefords, being new
their native haunts, did splendidly, also. The
shorthorns from Northumberland were very
cessful, the Duke of Northumberland having th
reserve champion oull, Alnwick Favorite, a great
massive specimen, which won the oldest class
mulls; and William 13ell, Ratcheugh, Alnwich
bin

had first ior cows. The sale of shorthorns wa
brisk. (iood animals, in respect of form, an
Westmoreland, getting 650 gs . For Master chal
Westmoreland, getting 650 gs. 1or Master chat
lenger, a great bult, which won in the two yeat
old class. A first-prize yearling bull made 51
old class. A first-prize yearling bull made orn
Ho ulso was red in color. Whatever theor
men may hold, when you get down to business
color dous count. A red shorthorn, of good
color dors count. A red thorthorn, of goc
form and touch, will sell for far more mon
iust now than a roall. As for a white no on
form and "houch," will sell for far more mone
iust now than a roan. As ior a white, no on
will pay atancy price ior him, although some "
the thest bulls alive to-day ate white.

has ever seen, Galloways and Wrshires made
remarkatly sood appearame so far from hom.
and Devons and Gouth levons, so near home


Gike high rank, and th. "improsed hevon is an
otcal secimell or bef purposis, having, like th
iberdeent-Angus breed, a minimum of wist
beine highly popular with the $L$ ondon butcher
The old ciloucesturshire loreed of cattle were en
tesented by a few animals semt by the were re
Theafort and another local landownor. The
wore there for exhitition purposes only. The
Tppeared to be a blend hetwen the WWelsh and
the Hereford, and might have had a future had
Wevons were improved. As it is, the field is now
occupied, and it would hardly he a profita
this time of day.
Horses were admirably
eepre-ented, Shires
40, at such a distance from their hahitat in th
"xtreme enstern counties. Clydesdales have sel
iemales were extra good, and the championsthip)
went to .I Ernest Kerr, of Harviestown, for Ner
issa, the beautiful three year-old mare which has
hardly eler known defeat. William Dunlop, Du
nure Muins, Ayr, had the male championship, with
his searling, I)unure footprint, and he had als
first for a wo-year-old colt named Right Honore
athe. Both were got bi the great horse Baron
show oi (lydestales way thrir serndmess. Al
sheep, were shown in greal numbers, the most
cuccessiul breed in that respect being the Shrop-
chire which holds its own marvellously well in
the battle of the breeds. Some of the best flocks
of Oxford Downs wre to be lound in (eloucester
chire, and they. too, were vers strongly repre
sented. The championshin for both sexes went
to I. T. Hobbs, Maisey Hampton, Fairford. He
breeds splendid sheepe, and knows ahout the Ox
bairs matters are wers much in evidence thes
Hime at setcuring at milk suppls for the public
producers. The hill for scotland is much mor
addanced in its prowistons than that for England.
Restrictions akainst which I:nglish farmers (ars

tish dairs farmers for a keneration. The bills,
dratied, arn curtainls not unjust to the owner
have dome "hoir best to bee tair and reasonathe
dairy produce so manufactured in Scotland, it dairies becomes an accomplished fact. Mean
should be ill for them to utilize it if manufac- time, the attitude of the farmer is one of grati-
ured in Denmark, Holland, or C'anada. These lude but he claims that the compensation should
ideas sem. in some measure, to have taken hold be charged against imperial, and not against 10
had first ior cows. The sale of horthorns was produced measures with which, in the main, litt
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INFECTION OF CONTAGIOIS ABORTION, I ought, perhaps, to say a word before closing
Two great plagues of the dairy farmer are traft horses which the Morris Brep Co Are mak


BSE: TEMN
INFECTION OF CONTAGIOIS ABORTION , I ought, perhaps, to say a word before closing Two great plagues of the dairy farmer are draft horses which the Morris Beef Co. are mak-
thortion and tuberculosis. There are evidences ing here this season. Infortunately, the did
 he fie charged could
not be agreed upon They are a remark able team. Th
leaders can-bred, the body pair were bred near two great horses j 1 the wheel were bred The (ireat Britain. The merit of the
six is only equalled by their splendid Iraining. They wer he most attractive nature of the grea Olympia, London
and " brought down the house , every
time. 13 etter horses is a lot it would
be difticult io find ne ditlicult 10 find, Merywhere owe the
Morris Co. and their representative, $A$.
13. McLaren, a debt of grati ude for putting the horses out in such bloom.
They form a great They form a
advertisement
grea
fo Nective nature ill the battle against both "hective nature in the battle against both. A the hreed. We have had quite a number, of Canaa number, of Cana report will shortly be issued. It is understood that it has arrived at definite conclusions regard strong position is contagious abortion, and to the chief medi of contagion. ('ontrary to the generallsseriously regarded ats an agemt in the propagatio of the disease. Judginy by the trend of opinion "xppesssed at the British Dairy Furmers' Confer
nce, in Cheshire, this opinion will die hard, and I think it ought to die hard. The report of the ommission may probably take the same view as the lecturer at Nunhirch, and maintain that th
disease is spread through the animals partaking of lisease is spread through the animals partaking of
ood containing it germs. It is also maintained that the germs remain in the soil for an indefinite period, and that an infected field may become the renter whence the disease may radiate, long after
the cattle amony which it prevailed have been ro. moved from that particular areal. This view was so strongly presented by the lecturet; to the dairs farmers at Nanhirch, in Cheshire, that they becam, opeless of ever getting the beter of the disease RF: COMDENSATION FOR TTBFROCHOUS AN! The hattle against tuberculosis has entered on N new whase The latest is that the Board of paving compensation to farmers for tuberculous mimals slaughtered in the public interest. Such woment is to be made under certain restrictions,

Edmonton Exhibition a Success. The summer exhibition at Edmonton, Alta. ine-stock department than ever before, the show and swine being well up to the standard; heavy horses alone being slimly represented. The judges were: For heavy horses, Alex. Innis, Clinton, Int.; light horses. Patrick Farrell, Woodstock
heef' hreeds of cattle, W. W. Dryden, Brooklin duiry breeds, (Geo. II. Hutton, Lacombe. In the cattle classes, Shorthorns were shown by Caswell Bros. Saskatoon; Chas. F. Lyall,
Strome; A. F. Mcfill, Lacombe; Jas. Wilson, Irome; A. F. McGill, Lacombe; Jas. Wilson,
Innisfail; J. H. Melick, Wm. Thirsk and Jos. Rye sons, of Sturgeon. In the section for bulls, hree years and over, Caswell won with Spicy's Wonder, a roan son of Imp. Spicy Marquis
Melick's Burgomaster being second and Thirsk's entry third. In two-year-old bulls, Lyall's imorted Baron's Voucher was first; Caswell's Star 31th being second. In yearling bulls, Wilson won
first with Bonnie Favorite; R. W. Caswell second tirst with Bonnie Favorite; R. W. Caswell second
with Jilt Stamford, and Lyall third. For senior ,ull calves. Melick was first with a son of Burgomaster, J. Caswell second and Thirsk third. In the senior cow class, R. W. Caswell was first with
'airy Princess; F. W. Lyall second with Juanita, Fairy Princesss F. W. Lyall second with Juanita,



Melick third. Rye \& Son were first for senior
heifer calf. The aged bull, Spicy's Wonder, won the male championship. C. F. Lyall won the first won for bull and two of his progeny, with Burgomaster.
Herefords were well shown by J. Tough, Edclass. Two herds of Aberdeen-Angus were out, shown by Lew Hutchinson, of Duhamel, and C. Ellet, o Sandy Lake; the latter winning sweepstakes for chased from James Bowman, of Guelph, the prize money being nearly, equally divided between the
Perhaps never before were the dairy breeds so
strongly shown at Edmonton, the three leading
strongly shown at Edmonton, the three leading
strong string of twenty, head, winning practically
strong string of twenty head, winning practically
all the first prizes. R. W. Watson, Edmonton,
also
also exhibited a number, of good quality and rec-
ords.
Honstens who had out six head, securing three firsts,
two seconds and the gold medal, while W. H.
Mullins, of Ponoka, and J. Toane, of Edmonton,
had a number of entries of a good class.
In Ayrshires the competition was keen, most of
the winners being from the herd of A. H. Trimble,
the winners being from the herd of A. H. Trimble,
of Red Deer, who had out 24 head, and won six
of Red Deer, who had out 24 head, and won six
firsts and the gold medal for herd. J. J.
Richards, of the same place, and J. A. Davis, of
Clover Bar, were also exhibitors; the former show-
ing an imported bull of sterling the fuality. show-
T. A. Cox of Brantford. Ont., showed twenty
high-class shropshires; E. T. Shaw, Belmont,
Man. made a good showing of Leicesters; Jos
Rye \& Son won in Suftik sheep, and A. A.
I. Toane, of Edmonton, divided the prizes, Cox
apturing the sweepstake prizes. The Yorkshire
being divided between M. Smeltzer, of Edmonton;
P'. Gate, T. Jackson and W. Wakeford, of Clover
Iar, J. Davis, of Strathcona, and F. J. Shaw, of
I
telmont. Smeltzer secured
stakes boar, while Wakeford had the sweepstakes
sow. J. Rye \& Son were the largest exhibit
of Tamworths, winning a large number of
prizes, while I. Caswell, of Saskatoon, and H.

Manitolaa Cattle-feeding. The results of outdoor steer-feeding last wintel
at the Manitoba Experimental Farm. Brandon, wery
not quite so favorable as those of the previous The forty steers that were being fed exper mentally were sold on May 10 ," writes Super-
intendent Murray. ${ }^{\text {a }}$ The gains made were intendent Murray. ." The gains made were
smaller than a year ago, but the price received
was higher. $\Lambda$ good return was therefore realized was higher. A good return was therefore realized
for the feeds fed. The most satisfactory gains or the feeds fed. The most satisfactory gains hile those tied inside made better gains than
hose wintered in the open. Those fed odtside this
cear made smaller gins. ear made smaller gains than a year ago, and
ielded a lower price for feed than those stabled ielded a lower price for feed than those stabled.
These results reverse those obtained a year ago
The winter was much more severe than that The winter was much more severe than that of
$1907-1908$, and the catte wsid were somewhat
smaller. and these facts undoultedly mite largell?


Warbles in Cattle.





$\qquad$

$\qquad$
$\qquad$
THE FARM


Cowbane or Water Hemlock.
$\qquad$ Tow and jointed, widely branching, three to six
feet high, quite smooth, pale green, dotted a and
streaked with purple. Leaves compound, twice or streaked with purple. Leaves compound, twice or
three times divided, clasping by an expanded base,
the lower on long petioles, the upper sessile. The the lower on long petioles, the upper sessile. The white, in compound umbels, one to four inches
heross : the rays of the many-flowered umbellets ncross; the rays of the many-flowered umbellets snooth, ovate, compressed laterally $1 / 12$ of an snooth, ovate, compressed iaterally $1 / 12$ of an
inch long, separating into two boat-shaped ribbed
seeds. When cut across. these seeds show seeds. When cut across, these seeds show four
oil tubes between the ribs and two on the oil tubes between the ribs and two on the flat
side. Root, a bundle of a few tleshy spidl shaped tubers, like small parsnips, at the base of The stem. Time of flowering : July to August; seeds ripe August to September.
Propagation : copiously by seeds and by offisets from the crown oi the ront at the base of the old Occurrence : in low land along waterways, probably right across the Dominion.
Injury : roots intensely poisonous to stock, particularly the cattle, which pull them out, when grazing in the spring and eat them freely. When
first turned out, the animals find few green plants to eat, and in browsing over the wet lands where
these water parsnips grow, they find the new green these water parsnips. grow, they find the new green
shoots, and when eating these pull out the roots. Thts is easily done, owing to there being few root fibers. The roots not only look like small parnip roots, but like them have a strong aromatic to the stock. It is clatimed that the flowering
plants, when cut in hay, may be eaten by the plants, when cut in hay, may be eaten by the
animals without any ill effects, but that the ripe plants bearing seed are dangerous. The whole plant, however, contains some of the poisonous
principle, although it is true that this is most abundant in the roots and the seeds; consequently, no hay containing the spotted cowbane, or other water parsnips (also called water hemlocks)
should be fed This plant, and in the West probably two or three other allied species closely resembling it (the
Orecon water hemlock (icut varans; the purple Oregon water hemlock. Cicuta vagans; the purple-
stemmed water hemlock, Cicuta Douglasii, and the "yoming water hemlock, (icuta occidentalis), are he cause of nearly all the deaths of cattle rewhere much of the plant has been eaten no remdies can be applicd. The means generally adopt-
ed on the plains in mild cases, when these are dis-

The Last Corn Cultivation.

Eradication of Some Bad Weeds： The meeting of the Brant Township Farmers Club，held on June 26 th，although not very well was nevertheless a decided success，owing to the presence Mr．Raynor is a practical and interest－ ing talker，and in the short time which he had at The subject of his address was＂Weeds and Their Eradication，＂and there has been quite an Their eradication，ard
activity in our meadows，spudding out or pulling
weeds，as a result．Almost any farmer could find weeds，as a result．Almost any farmer could find solated plants of oxe－eye daisy and bladder cam－
fion in his meadows，and the pulling or spudding ion in his meadows，and the pulling or spudding
if these would be the means of keeping his clover rop clean．
After briefly complimenting the community for
having an active and progressive club，and urging having an active and progressive club，and urging
members to force themselves to take an active members to force themsel ves to take an active
part in the meetings，Mr．Raynor branched off in－ to his subject，which can be summed up as fol－
lows：
There are a number of ways in which weed seeds
re distributed over the country，although our lo－ ality seems to be totally free from many them，compared with other localities．Weed seeds are generally obtained in small seeds，particular－
ly in red－clover seeds．The wholesale seed houses huy seed from all parts，thoroughly mix them，
and then send them out to the merchants．This procedure，of course，will put weed seeds into
clover，and distribute the kinds found in the ifferent clover－seed－producing districts．Former－ v，there was no protection against dirty and There are other ways in which weeds get dis－ ributed，namely
$\qquad$ 3．Importing oats or barley from the West for
ped．The manure resulting will be full of weed eeds common in the Northwest．Imported grain
or feed should all be run through the fanning Weeds may be classified into three divisions he three the perennials are the worst to handle． lhecause
The ann
tion aft tion，
sible．
s． $\qquad$
$\qquad$ erhaps the only anmual．besides the mustard and hor claims that wili cats will sprout in whe fall eing a hairy serd，it will not let water get at ury carly cultiation in spring，to get the wild sone method of lessening．Another is to seed he field down with clover and timothy，leave for
we eears，and follow with hoe crop ：or manure
he lield well，seed to mixed prain．and cut reeen Thiennials are not so Dentioul as the annuals，
nd consist of more isolated plants，like blue
plained of in four-horse devicese in plowing with many ure rotten, and how many are salted, and
of horse in furrow, is the objectionable side dratit. how many
or Those with grood plans, in which this is overcome, chickens , pigeon eggs, and how many contained should send them in, accompanied with diagram. I found them to be all good, i would have in-
By many who have used four-horse teaus, that sisted on having the same brand next time.
one should to one should go on the land is not found serious
matter. A smart walking horse advantage, goes along without any trouble,

## Save That Water

failure, when the reason might be found nearer home. Providence sends enough rain for the
crops of a given season, but man, by chopping down the forests, and otherwise, has disturbed comes in irregular things, so that the moisture
know what escapes before w know what "e are about. Escen in the semi
arid West it is claimed that plenty of rain to grow good crops falls, but too much is lost b
evaporation. The loss of water in this way amazing, as much as a quart and a half from square foot every twenty-four hours for ten con-
secutive days. With hot sun and parching wind above, and capillaries pumping up moisture from below, what's to be done to save the corn crop Better preparation of the sced-bed would have helped to hold this subsurface water for the with the cultivator heeping the surface stirred the thousand little channels of communication
from below will be broken, and the water held there. Then, the mouths of the thirsty weeds steals so much moisture and fertility from the will be in a friable condition. so the surface soil will readily percolate downward. Ihut remembe will be compacted, a crust will form, and loss a water by evaporation go on much more rapidl.
than before. Actual cases are on record in the West, wher
one extra cultivation, costing perhaps 30 cent per acre, at the right time, after a soaking rain,
added 15, bushels of corn !er acre to the vield, compared with fields not so cultivatel on th respect. Is there any easier, quicker
wav of making money than that?
$\qquad$

Name the Farm, and Use the Name It is a very, very often-repeated complaint
that our grocers and merchants are not treatiny
fair with the farmer. They pay for guantit only: but not so the mill-owner, for he prays for
qualit., as well. Often have I noticed hulter
brought into a store, which really wice mixtwr of buttermilk, soft thatter, and I know not what Ise and I doubt whether anyone clse whold that he same price as does the one who brings in
rst-class product. What inducements. antle

 anuars- tor fresth-aide oniss others trientin
$\qquad$


THE DAIRY
Hot Shot for the Cream-gatherer


Losses from Overpipe Milk. (sour) milk makes a smaller anown that of overripe thousand pounds of mik than can be Thate irom
an equal weight of normal milk. Thus, the
patron who does not take care of his milk, by patron who does not take care of his milk, by woured, reduces the make of cheese, causing a
loss that is distributed among all the patrons of
the factory. nour milk hinders the manufacture of a firstWhile makers have known these things full
well, some patrons have been skeptical concerning
them Figures may help to them. Figures may help, to convince the dubious.
About a month or so ago we had a sweltering hot Saturday, Sunday and Monday, and with th experienced more or less difficulty, owing to the of them also observed a noticeable reduction in
the make of cheese per thousand pounds. This too, after they had returned several thousard
pounds of the worst milk. At the Strathallan factory, for instance, one of the largest and best
cheese factories in Camada, 5,000 pounds of milk were rejected on that day. From over eleven
lats taken in, 55 cheese were made whereas, from
long experience, the maker, Mr. Bothwell, informs Ms that 5 . cheese would have been made easily
us trom an equal quantity of milk in normal con Again, at the Fast Zorra and Blandford fac
tory, Innerkip, Ont., the maker. F. M. Johnson
informs wo that informs us that, on the Monday referred to. frou
50,100 pounds of milk he made $18 \frac{1}{2}$ cheese. The next Monday, when the milk arrived in better
condition, he made 51 larger-sized cheese from
51. in () S1, ino pounds of milk, or nearly three cheese the loss from overripeness was two cheese. These
"ould be worth $\$ 20-\mathrm{a}$ loss of twenty dollars'
worth of cheese owing to the milk being sour, not worth of chese owing to the milk being sour, not
$\qquad$
$\qquad$
$\qquad$
$\qquad$
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## Daipy Season in Ontario.



## Milking Machines

difficulty of securing ebjectiont help to doing the milkIng. Any possibility of milking cows by ma-
chinery is, therefore, likely to appeal strongly to chery is, therefore, likely to appeal strongly to
the dairy farmer, and all interested in the dairy
industry industry. Inventors have bcen at work on this problem for a century past, and several machines had come when it would no longer be necessary to
milk cows by hand. Trials for a season or two have shown that the earlier milking machines
were not practical, nor profitable. Milking machines are of two types, viz., one
operated by pressure on the teats and lower part of the udder, and the other operated by suction
in imitation of the sucking of the calf, the latter time. many enthusiastic reports have been published regarding the newer nachines that the Agri of 11 isconsin deemed it wise to make a careful
test of the working of this milking machine, known as the B. L. K. Trials were continued for
t period of twenty months, to determine (1) the
dficioncy of machine-milkin. with cowe of differ efficiency of machine-milking with cows of differ-
ent breeds, ages, etc.: (2) economs, as compared
with hand-milking ; (3) influence on hacterial content of milk and its keeping quality, a and (4) in-
fluence on udder, teats and general health. The results are published in a bullet in recent-
1y issued, and go to show that, so far as the mal
chine itself is concerned, the prohlem of mechanicchine itsolf is concerned, the problem of mechanic-
al milking may now be considered solved. all the points under obser vation failly good re-
sults were ottained, and it is believed that, prop-
erly cared for and handled, the milking machine wil prove : valuable aid in the solution of the wred hedp jroblem on many dairy farms, and whll hecome an important factor in the further de-
velopment of the dairy industry. Such is the summary published.
(in the other hand, reading betwe it can be observed that, not much advantage can
be expected from the use of the new milking ma-
chine. Its use would be unprofitable in herds of chine Its use would be unprofitable in herds of
less than 3ucows, superionity over hand
minine is claimed, the best that can be said of
though scarcely, under expert management. Again
it is said that the success of machin pends largely upon the man machine milking de chine, which may be construed operating the main exceptional cases could success be reasonably expected. The solving, in part, of the labor be managed wing it possible for a dairy farm to overseeing so many men as where milking by hand has to be practiced, is the one advantage of any account that is claimed.

The Strathallan Cheese and Butter, Factory made 67 cheese one Monday in June. The highest
make from a single day's milk was 40 cheese.

## POULTRY.

## Co-operation of Poultrymen

ditor " The Farmer's Advocate ":
Why not co-operate as poultry producers Why not co-operate as poultry producers ?
Why should each individual farmer market his eggs at the village grocery, at a price varying from 15 to 25 , or, at the most, 30 cents per doz during a few weeks of winter scarcity)? For the reason that he does not have enough eggs individually, to make frequent and regular shipnents to more-distant city markets, at much hetter prices. Then, why not co-operate one with another, and bring all eggs in each locality to Convenient central shipping point, and realize, in50 cents per dozen. This would make considerable difference in the returns from our poultry at the end of the year. By doing this, shipments an be made twire week of eggs only three or There will be no waste from eggs remaining at the farm until they get stale, as the village grocer does not expect to get fresh eggs, and pays the wame price for all, regaratess or quallty. Neither will there be waste from eggs remaining at the
grocer's for several weeks longer, what cannot be disposed of locally being at last' shipped into the ity, where they arrive, one half bad, and the other half stale. No one is benefited under this not receiving the fresh eggs for which he is willing to pay; the producer is producing the fresh eggs, but does not market them fresh. Why not $\begin{array}{ll}\text { change this condition? } & \text { The remedy is simple; } \\ \text { individually, we cannot; } & \text { co-operatively, we can. }\end{array}$ We have the best eggs on the farms it is possible o produce; we have only to get them together In quantity when they are at their best, to secure
ind supply the very best markets. Not only will we realize the immediate benefit Nourselves from the increased price, and confer advantage on the consumer by giving him value
for his monev, but it will react to our future or his money, but it will react to our future
benefit through increased consumption; as, when we improve the quality of any food product, the demand for that product is at once increased.
Why should we sell our chickens at 7 and Why should we sell our chickens at 7 and 8 cents per pound, in an unfinished condition? We
fatten our hogs and cattle, why not fatten our poultry? Unlike hogs and cattle, they are light weight, and we cannot make small shipments best and distant markets individually, but we
Let the chickens and all can co-operatively. Let the chickens and all
poultry be fatted on the farms, and brought in to the central shipping point, where they can be packed and graded. We must establish grades in all our poultry products, then there can be no
question or difficulty for buyer or seller ; the question or difftculty for buyer or
grade will be there to show for itself.
We will then be in a position, as an organization, to offer so niany pounds or tons of poultry of a certain grade, "uich can be sold privately by
the organization or by auction to the highest hidder.
Let us realize that we are brother farmers, and what is in the interests of one is for the
best interest of us all and that, by improving the quality of any of our products, we are not only benefiting ourselves, but benefiting our counHILLHOUSE.

Repeated inquiries have been made through the dice or Canadian Trade Commissioner in ManCova Scotia eggs, which does not imply that other Canadian eggs would not be gladly negosould, ber rather that ine freight on the former so far, adds Commissioner MacNamara, the inquiries have not been prolific of results, but the hope is entertained that business may result. ontinental products supply the market, in addi-
ion to the usual quantity from Ireland. The tion to the usual quantity from Ireland. The Irish, $8 \mathrm{~s}, 3 \mathrm{~d}$, to 9 s . 3 d . Danish, 8 s . 3 d . to 9 s .

## Moulting.

Observations extending over many years lead A. G. Gillert to reach the following conclusions, relationship between moulting and egg produc tion: That yearling hens usually moult earlier

1. and easier than older ones.
2. That moulting is
cases than others 3. That the progeny from parent stock that have moulted during summer
moulted at the same period.
moulted at the same period.
3. That mouting hens are much benefited by a run in a field where clover and insect life may be found 5. That, where moulting fowls are confined to
limited quarters, meat in some form and limited quarters, meat in some form and green It is best, says Mr. Gilbert, to have the
It
moulting period in the summer months. moulting perion in the summer months. The
summer moult usually lasts from eight to ter summer
weeks.
Joumes
Jamact
Shackleton, a weeks. James Shackleton, a well-known author-
ity, contends that, by feeding specially-prepared rations, this period may be shortened. The fol-
lowing treatent has been succesfill in our dit lowing treatment has been successtul in our de-
partment for several years.
During the early partment
part of July-after the breeding season is overthe fowls were placed on half the usual quantity of rations for 15 or 20 days. The effect of thi treatment was the stoppage of egg production and
the lonesning of the ofd feathers.
At the end of 15 or 20 dass, the full rations were resumed. litlle linseed meal may be added to the mash,
with beneft with benefit, on the resumption of full rations,
Before the beginning of operations to bring on the Before the beginning of operations overing on the
moult, the cock birds were removed from the moult, the ceck birds were removed irom the
breading pens, and placed in compartments by themselves. The hens were then allowed to run in small fields where they could find insect life,
clover grass etc. In the breeding of fowls during moult, care should be observed that they do not become too fat. The fowls are more apt to become overfat, from oo generous feeding during the mourt than
recommenced lavin $\alpha$

Six-months Buff Leghorn Record I have been a reader of "The Farmer's Advo cate for a long time, and have never noticed
record of Puff Leghorn hens, so I thought I woul write you my experience with that strain, as
think there are few hens that can beat them. think there are few hens that can beat them,
have 14 Buff Leghorns.
and
from the
10th March to the last they laid 150 eggs in Apri they laid 300 egss, in May they laid 276 egss
and in June 220 ey and in June 220 cggs. 1 am sorry I have no
kept a record of the amount they laid from the first of the year, as they never stopped laying since a year ago last April. I was just keeping a record of what I sold from the first of January
In January I sold 9 dozen: in February in March, 9 dozen; in April, 15 dozen; in May, 13 dozen; in June. $12 \frac{1}{d}$ dozen, and the remainder of
eggs were used at home or set, as 1 had about eggs were used at home or set, as 1 had about
45 chickens. $\quad 1$ sold six young roosters when they were seven weeks old, which weighed $3 \frac{1}{3}$ pounds pair, at 20 c a a pound. and I do not have a certain amount-1 just feed what I think they need. Iast winter we had nol
a good henhouse for them, so we dug a hole in the eround, suilt it up with old boards, and put manure, and banked it all up with sods, which
Tept it warm.

## GARDEN 詥 ORCHARI

Ether to Hasten Strawberry Cropping
Last summer the agricultural world was as moting Plant-growth, applied in tifld condidions
under the supervision of the eminent Finclist scientist, Sir oliver lodge. Xow comes a
 Co Chittenden, director if the latoratori", who

 of then in an ani tigh soo in the tontom of fused raptins. The etheried dhant: were then
 about tom tays lemern those untreated.

atracted newspaper attention are tre irst and onty experimental shipments wo or three vears ago. It remains to be seen made by the association, they have every reason whether etherizing will prove commercially advan- to be constaturatca on tric initative ant suc tageous, except, perhaps, under very special conditions, as in the growing of early English strawberries under glass, but, scientifically, it is
worthy of our interest.

## Humus from Cover Crops

 One of the greatest advantages of a cover cropis the constant storage in the land of the organic or decaying animal and vegetable matter, usually known as "humus." In many soils the lack of
humus permits the best elements of fertility, no matter in what form applied, to leach out and go to waste Sometimes they mercly percolate to the subsoil, but even there they are of little value to most crops, for surface-feeding crops do not
reach down to the subsoil in search for rich heach down to the sabson in sumer forty that has sunk there partly be cause the surface soil was too open and porous The cover crop plants the humus in the surof potash, phosphoric acid and nitrogen. They are retained in a position where the roots of the The cherry crop promised to be very good The Sweets and Richmonds were getting of rapid
1y, and the Montmorency were in full picking las week, and when the northern sections commence to ship, cherries should be very plentiful Sour
herries were fetching from 650 . to
750 . quart baskets; small Sweets, from 75 c . to $\$ 1$ and fancy Sweets from $\$ 1$ to $\$ 1.25$. A quantity
of sweet cherries have been shipped into the To ronto markets, which were not ripe enough, and he market has strongly discriminated in favor of The rain herce the iow prices. be from Tapberry crop promised to be from fair to good. However, the prolonged dry weather
had commenced to show its effect. Some of the canning factories were contracting at prices rang ing from 7 c . to 9 c . per quart.
The currant crop promised to be a grood one and was nlready on the market.

## Benzoates as Fungicides.

them. Any cover crop will do this work. Some, of course, answer the purpose much better than
others, but a a crop that furnishes an abundance of green foliage will, in time, fill the soil with
humus, which gives strencth and vitality to plants. It may be said to provide necessary fertility to the earth, and to mako it rich in pos. sibilities. When any land is cropped steadily year
nfter year without any now humus heing added it
grown, began to
Sodium
During the last two or three seasons, Herbert W. (General Manager of the Dow Chemica
Midland. Mich., has been experimenting with Benzoates as fungicides, on his orchard. Having had considerable experience with Benzoates a bod preservatives, Mr. now concluded that Ben inod preservatives, Mr 1 an concluded
zoates should also kill any fung
teria on unripe fruits; consequently, dur
season of $190($ when a crop of plums b
atter year without any new humus being added, it
hecomes lifeless, and no amount of artifcial
and

 ed, and, although the spread of the
rot was entirely stoppped, the So dium Benzoate, be ing exceedinly
hle, was so easil
washe washed of as to
necessitate necessitate spray
ing after each rain
This led ment with the more insoluble Benzoates was found mar Experiments dur
ing the seasons 1907-08 have shown Calcium Benzoate ased in conjunctio
with a very weal Bordeaux, to be
ery effective; ulso,
this mixture was this mixture whe
found to adhere
nuch better than ordinary Better than
The mordeaxt effective The most effective
mixture is made
as tollows Ordinary Rolling Coulter, Used on Cultivator to Cut Strawberry Runners. (as follows © ${ }^{\text {an }}$


 wrs can plant it lightls at first, atid then raise fungicides, and acrorring io this tathe one part


$\qquad$ Wote-In most parts of Cunada crimson clover ollutinn of one ounce calcium Benzoute to an gal


Ontario Fruit Report
Ontanicultural


## IHE FARMER'S ADVOCATE

Some Lime-sulphup Stronger Than Necessary.
tnalyses of twenty-seven samples of homeboiled and four brands of commerciel lime-sulphur Ontario Agricultural College, reveals a wide variation in the strength of this mixture, as apFulmer, Demonstrator in Chemistry, spent fo Or five days in the Niagara District this spring,
oollecting samples of these mixtures from the growers as they were being used. The results of weaker washes than many are using would do the work. Only one or two of the home-boiled mix-
tures proved to be weaker than the commercial vashes diluted in the prop mix ures proved equal to the commercial mixtures
diluted 1 to 1 It.2
Duplicate samples Inixured 1 to 11.2 Duplicate samples of one
dilan
brand of commercial mixture indicated that there is considerable variation in the strength of this
brand and there probably would be, also, in the case of others. Each sprayer, however, thinke the mixture he is using is exactly right, and there
is no doubt that they are all cleaning up their is no doubt that they are all cleaning up their
orchards where the mixture is properly put on orchards weare the mixture is propery put on ${ }^{\text {a }}$
but if a weaker mixture than commonly employed terests oi ceoromy.
One or comercial mixture is now sold One brand of commercial mixture is now sold
with considerable sediment, as some growers who had
wivingen as to the efficacy of the clear solution,
which does not color the trees as does the home whics does not color the trees as does the home-
boiled, and the manufacturers of this particular boiled, and the manufacturers of this particular
brand now leave in the sediment for this reason. ts enfect, however
trength of the mix
To cause the spray to color the trees, so that,
when spraying the second half of the tree , perator can see what part had heen covered before. some growers now add a little lime to the
mixture made from the clear, concentrated solutions before spraying. A couple of pounds of
lime to the barrel isplenty, This may also have
iome

578 Quarts Strawberries in One Day.


## THE FARM BULLETIN

The Swelling National Debt The total debt of the Dominion at the close
of the ofscal year, ending March 31 st , 1909, was
$\$ 323,930,259$ the $\$ 323,930,259$ the addition during the year in-
cluding about $\$ 24,000,000$ on the Eastern division of the National Transcontinental Railway, being
$845,969,399$. Other items included in the in-
 public Works, six and two-friths millions for as-
sumption of liabilities oí Quebec Bridge Company, A million and threequarters on railway sumbidies, and nearly two and a half millions on bounties.
The last two sums should never appear in CanaThan ast two sums should never appear in Canatian sudgets again, aiter standing promises are
thifledt, while the ten millions on public works
should the uscentible of some considerable prum-

The Farmers Dairy Company, 1.td, which aims nilk and cream of its own members direct to the
omsumere of Toronts, have issued their prospec"Is The company has been incorporated under



Conservation in Agriculture. Wirst. Conservation Congress of the United States of America, to be held in the Auditorium of the
Alaska-Yukon-Pacific Exposition, Seattle, Wash-Alaska-Yukon-Pacific Exposition, Seattle, Wash-
inton, August 26, 27, 28, 1909. Arrangements for the Congress are being made by the Executive tion, an organization comprising many of the most prominent officials and citizens of the Ever-
green state. Invitations to attend the Congress have been sent to President William H. Taft, Hon. James Wil-
son, United States Secretary of Agriculture son, United States Secretary of Agriculture, and other notables.

Leaders in modern thought hrave been invited to read papers discussing the many phases of
conservation in different communities. The work of the Congress will consist tical talks on Irrigation, Dry-farming, Soils, Waterways, Forestry, Public Morals, Transporta-
tion. and the general relations of capital and labor.
Several sessions are scheduled, and experts in every industry touching the utilization of natural
resources will be given an opportunity to addess the people. a special bid is made for farmers to take part in this congress, as follows Cormers to take part
agriculture holds a prominent agriculture holds a prominent place in every con-
vention of national importance. It sounds the keynote to present prosperity and future wealth
of individuals, communities, and the nation. When the farmer prospers, the country is safe, and commercial avenues are, open. If the plant foods of the soil are exhausted, the natural agricultural
resources are wasted and, extravarance permitted to continue without restraint, business will become stagnant, and internal financial troubles multiply.
The farmer feeds the world of wage-earners, progress It is necessary that many radical changes be made in the methods of handling the Soil, and conserving its fertility, in order to in-
sure future progress in every line of advancing industry. The present age demands an active
campaign for promulgating the principles of national conservation.
The farmer is personally interested in every measure that tends to conserve, protect and perfor transportation. Without fertile soil, good roads, and up-to-date machinery, the farmer is
powerless in the struggle for a competency and tinancial independence. with which the farmer has to contend. In the anxious march of wealth accumulation, many
friends of agriculture are destroyed. The element friends of agriculture are destroyed. The element
of waste enters into channels of commerce, and assists in robbing the farmer of the forests and
natural waterwavs, that depend upon conservation for their continuance. In taking away the reservoirs of nature, by cutting out the young
trees and plants, the commercial members of the country cause the soil to wash from the hillslopes and fill the creeks and streams. To presystematic and conservative method of retaining campaign for general reforestation wherever the

## Preparing to Judge Field Crops

The men selected to judge in the Ontario Field-
crop Competitions-about 40 in all-were at the Ontario Agricultural College on July 14th, and be conducted. The chief aim of the meeting was
to secure, as far as possible, uniformity in judg ing. The class was taken in hand by Prof Tavitz, and the score-card gone over point by
point, in order that each judge might know the correct value to place upon each one. In the
afternoon the class adjourned to the experimental plots, and did some practical work in scoring the standing grain.
The judging
The judging will be done from the standpoint If the commercial value of the crop were to be taken into account, a different standard would
have to be adopted. Weeds, for instance would not discount the value of a crop so much if it were judged from a commercial standpoint,
from a seed standpoint. A competitor ni have a field of oats in which there were a niumber of the crop very much for purely commercial py
poses. But, for seed purposes, the prosenco wild oats would cut down the value ©f the crof out all crops with wild-oat or were or injurious reeds, and not giving them a prize. But as the competitors in a society, this cannot be done
The seven crops scoring highest will be a warded
any case, but competitors should look out io pretty severe scoring, if injurious weeds are pres-
ent. It seems to us that the only proper course to follow is to judge these crops from a seedside, as some suggest, would cause the crop competive to lose a great deal in educational mize the injurious effect of weeds in the crop would have a bad effiect on crop production generally. In the past, prizewinners in these competitions have received good prices for the grain
from the winning crops for seed purposes that, whether the judging is done from the commercial or seed-grower's standpoint, the winning grain is likely to be sold for seed in any case. It is better, therefore, to stick to the original
idea in holding these competitions, and judye ouly idea in holding these competitions, and judge only
from the seed-grower's standpoint. It might be advisable, in future, to include prizes for mixed crops, which are now largely grown in the country. These could be judged from a commer-
cial standpoint, as the grain from them would not be used for seed purposes. should prepare to enter the sheaf-grain contest at Toronto and Ottawa Exhibitions. Only those be eligible. The Agricultural Department desire to have as large a display as possible at these exhibitions. The regulations provide for a sheaf
containing not less than 1,000 plants. Some ontaining not less than 1,000 plants. Some sheaf display. It might have been better had the sheaf been regulated by its diameter or circumference, rather than by the number of plants. The
exhibits then could more easily be prepared J. Lockie Wilson, Superintendent of Agricultural Societies, was present, and gave instruction to the judges on necessary matters not connected with the practical work of judging. "Cimonicle."
U. S. Exports and Imports. Official figures of the import and export trade
of the United States, giving in detail the eleven of the nited States, giving in detail the eleven
months ending with May, 1909 , indicate that the imports of the fiscal year ending with June, 1909 , will exceed those of last, year by about
$\$ 100,000,000$, and that the exports will fall about $\$ 100,000,000$, and that the exports will fall about The increase in imports occurs chiefl facturers' materials, but in no inconsiderable degree also in foodstuffs, while manufactures ready
for consumption show a marked falling off The decrease in exports occurs in all the great groupsfoodstuffs, crude, showing a fall of about \$50, $\$ 00,000$; foodstufis, manufactured, a fall of about fall of about $\$ 35,000,000$ manufactures for use in manufacturing, a fall of about $\$ 36,000,000$; and manufactures

Dry-farming Congress.
he ine fourth annual session of what is known as held at Billingal Dry-tarming Congress will be 28 th, next. This organization deals with the methods of agriculture in the semi-arid West, Where the rainfall is limited, or where irrigation rops. In the list of vice-presidents appear the names of Prof. Geo. Harcourt, Edmonton, Al herta, and Prof. W. J. Rutheriord, Regina, Sask Denver Colorado is Rurns, 407 Temple Court,

## Some 1909 Faip Dates.

## laska-Yukon-Pacific Exposition, Seattle, Wash.

 Sanadian National Exhibition, Toronto-August Western Fair, London, Ont.-September 10 to 18 herbrooke, Quebec.-August 28 to September 4 Ontario Winter Fair and Horse Show, Guelph. December 6 to 1 . Sastern Ontario Live-stock and Poultry Show,Ottawa. January 17 th to
21 st.
1910

The American issociation of Farmers' Institute Workers will hold its fourteenth annual meeting 1909. Ontario will be represented at this gathering by ( G . A. Putnam, Superintendent of Farmers Institutes, and Andrew Filliott, of (ialt. Mr. Putnam
through leave about August
Canada via he Alaska-Yukon Exposition at Seattle on the
G. H. Clark, Seed Commissioner, Ottawa, has
ailed for Furope to investigate the production

THE FARMER'S ADVOCATE.

Western Ontario Crops In a forty-mile run through that portion of
the Province of Ontario lying north and west of London, and embracing one of the best farming sections of the Province, the effects of the unusually wet spring, late seeding, and subsequent scarcity of showers,
ness of the spring-sown grain crops, and the prosness of the spring-sown avage yields of these. Fall pect: of less tover meadows were well up to the
wheat and clove standard. Corn is making fair headway, as also
are mangels. Pastures have been good, and stock are mangels. Pastures have been good in this district, noted for the breeding of high-class heavy horses, is evidently a success, a promising foal or two being seen on nearly every
kept yearlings and two-year-olds, growing into money, are not uncommon.

In the section immediately west of Exeter, on the Huron \& Bruce branch of the country, well watered by streams, and affording good pasturage, devoted mainly to grazing beef cattle, whiss. are chiefly grade Shorthorns of an excellent class
Further west, and nearer Lake Huron, the people are largely of German extraction, and here large fields of flax are seen, giving promise of abundant
crops, while an air of comfort and prosperity is crops, while an air of comfort and prosperity
observable on all sides, large barns and substanobservable on all ind dwellings being the rule. Nearer the lake, considerable portion of the population are French Canadians, originally from (Quebec, living on less
fertile lands, and showing less progressiveness in fertile lands, and showing less progressiveness in
their methods of farming, but a kindly class of people, of contented disposition. Along the lake shore, from Grand Bend to Bayfied, an excelleme-
farming district is found, with comfortable, homefarming district is found, and capacious silos, evidences of prosperity on most of the farms.
The lesson of the protracted wet spring of this year, as to the imporken seriously by a consider-
has evidently been taken has evidently bee the farmers of this district, in a number of instances tile was being pot
and the marks of recent work of that class and the marks of recen of more of it was freely
visible, while the need of visible, while the need on title of that performed
acknowledged, and too lite
has been done in a systematic manner. A featur has been done in a systematic manner. in most
ohservable in this district, as indeed in mont others one travels through, is the marked differ-
ence notable in the condition of the crops on farms in the same ncighborhood, where the land
is apparently of a similar class, one farm being is apparently of a similar class, one farm hemg
clear of weeds, and the crops looking healthy and vigorous, while on the adjoining farm, hardly avoid the conclusion that the difference i due more to the man and the management
to the quality of the soil or the character of th.
weat her conditions. and the need of a continued exposition of the goopel of good cultivation an feeding of the land is comphasized by un outing
P. E. Island Notes.
 The early-sown grains huc. grown well right now have safticiont moistare to develop into -atch. Haying will be later than hast yar, ant

 ands in shaltwed locmlitice, hut our has crop "il
 og is not much in ardone. The root crop ome in bunches, but sine the rains came, the
 Fodd
abundan
$\qquad$ romised in the blossoming period. A good many breeds. One wonders, though, how this class of varieties of apples have failed to set frult the horn sires, which are almost the only kind of thi reason is not clear, as we had fairly good weather
hut when the bloom was on we had very high winds and no rain. Duchess apples have sel well, but other kinds in this locality will be very light.

Though the most of the farms on the Island are clean, and bad weeds the exception, rather
than the rule, still we have altogether too many weeds here. In a cross-country drive of nearly city we found the hay meadows as white as snow Completely covered with ox-eye daisy in full bloom, and in very many grain fields nearer the
north side of the Island we noticed vigorous crops of wild mustard (charlock) in bloom, that were choking out the grain. Those two bat weeds are spreading quite fast here, and are very hard to eradicate when once established. Just a
little carelessness a few years ago resulted in little carelessness a few years ago itesur have who yet have clean farms to be ever on the watch to keep then clean. Profitable agriculture is impossible wh
weeds. occupy so much space in our fields.

Oxford and Its Splendid Dairy Industry.

## perative dairying, is still its pride. Many dis

 tricts boast the title, " (iarden of Canada." no not know that Oxford clams it, and it is just thrifty for the line of agriculture in which this culture hut a region to drive through it is yet our privilege to last week in the course of a sixty-five-mile t days' drive, visiting some of the famous cheese factories in this region, north from Woodstock to Hickson and Bright, and south to Burgesssille. Nature designed this country for a park, bu Gan found it 100 good a park to lie idle . It. in athundance, while rather adding to than suby without being flat, affording here and ther Wharming vistas of sweeping landscapes, sewith rows or clumps of trees and single spreading olms, favors the hustandman with
perfect drainage, yet easy fields to work. friable loam soil has been for many vars on
riched with the manure from dairy herds, whil numerous wells and springs and streams issue fort he purest, naturally distilled and filtered produc
wi the clouds. With a temperate climate. per nitting the growth of a suitable varicty of for aphendide factorics, woll manned and well equipped Wre-thed, eraved rous, passathe an and seasons, the best clements of Comadian citizenship-Scoten,
hinglish, Irish and (cerman-how could dairying
help but flourish? Ilourish it dous, as the Hplentid herds of fows. large barns and silos, and sully testify There is prolably no, district in fill "the "raisonorthy is is the found, hat if ther fonether where prosprerity some the ordinary
$\qquad$
$\qquad$
fined I! sitw ins sith in s.i.
hanention thes throw facturne arn mans other
thants Whenstoch. Which. Wh the "ay, is ot
hreed available to-day. Breeders of the Red hite and Roans should visit Oxfora, and not the demand for heav-milking, dual-purpose stock
Iolsteins are steadily gaining ground, especiall Iolsteins are steadily gaining ground, especiand
$n$ South Oxford, and a pleasing picture they pre ent, with their, mixed colors contrasting in th pastures. Ayrshires are also to be seen, whi
here and there a brindle color denotes a dash here and there a brind
hannel Island blood.
It does one's heart good to see the silos ad
ining the end of barn after barn. inormous oining the end of barn ater barn. Bnormou
tructures they are-thirty, thirty-five and fort eet deep, by twelve to sixteen feet across. Alom, in the forenoon of the second day we negan keep ing track of the proportion of barns which ha silos. In a drive from Currie's Crossing, łolbrook, along the Norwich gravel read,
3urgessille, and back to Woodstock, via ()xion centre, out of $\$ 1$ barns, situated within comvo ient distance along the highway, 44, or son
what over half, were observed to have :ilos. hat over half, were observed to have illos.
hese, at least 9 were round cement, 22 were see these, at least 9 were round celnent, 22 were
to be wooden silos, and of the remaining quite a number secmed to have an exterior appli cation of galvanized iron. from the roatl, luut
barns had silos not visible from the proportion observed to be so equippod "as much larger than is found in the majority of
tricts. And the rapid increase in number. one of the points on which almost every checsemaker approvingly commented. Silage remaining over from winter feeding helps out the pasture in summer, while a certain area of green crops And such crops! In the whole sixty-five-mild
Irive not one failure was-noticed. Some fields of course, are hetter than ot hers, but uniform ex ellence appeared to the th. rule. Haying wa.
vell advanced, although some fields of timothy ell advanced, although some fields of timoth
till standing showed heary crops. Corn was in
and Inany cases rather hackward, but coming on nicely. Quite a few fields of peas were in ev
dence. and here and there alfalfa was to be seen. The one fly in the ointment was the apple hards, for, out of protuably fifty passed on th came trip, only three or four were seen whic wajority were in sod, quite a number being pas tured hi one class of stock or another, while on on to orchard was seen with wheat sown clos
trees, and the crop, in head, was al rost as high as the trees. Thus, for a few dol ars of pasture. grain or hay, fifty, a hundred of
(wo) hundred dollars is sacrificed on quality an mantity of fruit. We understand that at Buy cen formed, hut, taking it generall
counts needs to wake up on orcharding The county system of good roads seems mands the contidence of most of the ratepayers -ileed and tiliced. The large mileage is being grav surfaced with fine material and the whole wel investment which most appealed to us as produc tive of permanent results was the tile strun
thong miluafter mile. Thesse are placed, in som
athent Maces, undere the ditches, and again beneath th hild the people of oxford and rood bridges will

With the hest of care. sinks out of cight ©ravel mprovemunt is the onls word the characterize th The of the factomies sisited was any condition

ractice ohserved which would make one disin
lined to include wit with all deference, hut with practical know
$\qquad$
$\qquad$
$\qquad$ an coolinge of the nizht's milh, innl, with the se Tal adoption of thishts mith, and, with the ge
inmmediately uly their ampiral in England, the
ont andon apinted in the Limadian Govern


THE rARMER'S ADVOCATE



Fxceptional features marked th Harvard University, Cambridge Mass., one being the formal leav uccession of President Lowell head of this great institution. An-
other was the bestowal of the degree of Doctor of Philosophy on Hon. W 1.. Mackenzie king, the new Canadian Minister of Labor. and the honorary degree of Master of Arts upon Dr.
Wilfrid (Grenfell, the hero of the 1.abrador. Each was given an ovaiormer made the happry suggestion be prepared, to mark the approach ing century of peace since 1812 be tween Canada and the I'nited States.
He counselled the nations to prepare Yor peace as zealously as men pre
pare for war

The Jews are at last in hopes that inal occupation of the Holy Land in sight. A short time ago a an
hy Ahmed Riza, Bey, President of th
Turkish Chamber of Deputies, unde Turhish Chamber of Deputies, under
the new government, to create a the new government, to create a
Jewish state in Mesopotamia. A
Iovement is now afoot, under the
'loader hir of Nr. Jacob H. Schif Movement is now afoot, under the
leader:hip, of Mr. Jacob H. Schif, langwill, to carry out the project and a geographical survey commis
tion has been sent out by the Ica Hirsch left $\$ 45,000,000$ for Baron d ion purposes, to investigate condi Tons. The preliminary reports show
hat the land is fertile, only needin rrigation and thorough tillage to Farmers Adrccate. * To catalogue the natural glories
oi Jult would overtask an auctioneer.
such opulence is bee ond summary, such opulence is be ond summary
 Mmarks. Lord Bacon did but write
$\cdots$ In July come gilliflowers of al marieties, musk rose. the lime tree
n blossom, carly pears, apricots, hall a man speak oi Julv and not in hay fields? The reriest cockney,
inn most desk-bound cashier, the man
ind the wost desk-bound cashier, the man
whose pride it is that he never takes
a holiday cannot peen simulate infifference to the hay harvest. Indend. the city dweller is strangely
and irresistibly conscious of hay as topic in July Londoners meet
ne the of buses in Cheapside hul Oxiord street. assure each othe hat the heat is " good for the hay.'
Whose hay that hay? Echo answers, THF FIIT You toil up office stairs and ar brow at a counter, ex laiming on the heat: and a cleric losists irom a bag of strawberries to
ay, in an expostulating tone, Yes, ay, in an expostulating ther for the
ir. but splendid ueat
hay what in thunder does he hay : '. What in thunder does be
now about the hay " Whence comes thic universally-ascumed anxiety for the hay making? It is from 'within.

$\qquad$
$\qquad$ Wething more sur

## This month of July "Hay Monath, The verdure of the full-clothed

The townsman feels that he retain. his right to a footing in the hay and better, Adam whenever he will and, forgetting labylon, may arise tice into a hayficld, and be handed a rake. Happiness waits for him
there. field for fresthness, and a hay field
by the sea is the earth at it best The the sea is the earth at its best.
The hayfield are each new and strange, each is marvellous1. horizoned, and the sun and the
moon and the fleecy clouds are seen moon and the fleecy clouds are seen
alike on the swaths and on the Waves, with the vision of earlier
years. "The long, long thoughts"
of boyhood recur, and the of boyhood recur, and the night
comes down like a psalm.-IT. p.s Comes down like a psalm.-IT. P.s
Weekly.
Disturbing the * "

## Disturling the Guests.- - Inattention nas arise either from self-centered

 may arise either from self-centeredthoughtlessness. or from lack of ap-

"The Haymakers."

## an artist who throws his soul into native-born children. Her story is

 we ellort to please. How often do told in the New York Evening lost,we see a pianist asked to play, and together with a briel mention of the
diftid diffidently accede to the request, school which initiates her into when, no sooner would the music
start, than a hubbub of conversation commenced, in tones all the louder, who arrived with a shipload of imand more animated, because of the migrants from Russia nine months
piano notes it was then necessary to ago, received a prize of $\$ 5$ in gold drown. Probably the uuditors had for excellence in English composition
deen previously dull, and lacking at the graduating exercises of the
been been previously dull, and lacking at the graduating exercises of the
topics for discussion, but the music
Baron de Hirsch School, Fast Broadtopics for discussion, but the music Maron de Hirsch School, East Broadat once enlivened hem and started a way and Jelterson Street. Her sul)varie by violent swaying of rockers. had studied eight months only, the
What more natural than for the child headed the list of prizewinner What more natural than for the child headed the list of prizewinners
musician to conclude. crestallen, in a school containing nearly 70 no musician to concluce, crestraten, was unappreciated, in a schils, including a class of adults.
that his effort was. that his effort plaving at the first op- This was the sevententh commence-
and to cone When people are asked ment of the Baron de Hissch school
portunity or cinc quiet and respectful for immigrant children. There were
attention is their due. It is related
of Roger, the celebrated of Roger, the celebrated French
tenor, that on one occasion he was engaged for the sum of fifteen
hundred francs to sing at the hundred francs to sing at the house
of a rich financier.
Roger sang his of a rich financier. Roger sang his
first song magnificently, but no one paid him the slightest attention, and
the guests talked their loudest the guests talked their loudest.
Presently the host thought the time Presently the host thought the time
had come for another song, and sent for Roger. He could not be found, and that evening was seen no more.
Next day a note came from him, acNext day a note came from him, ac-
companied by the sum of two thousand francs. The note ran thus "I have the honor to return the
fifteen hundred francs which I refifteen hundred francs which I re-
ceived for singing at your party. ceived for singing at your party,
and I beg leave to add five hundred francs more for having so greatly
disturbed the conversation of your disturbe
guests.

People, Books and Doings. The fourth centenary of John Cal-
vin was celebrated at Geneva, Switzerland, on July 10th
The achievement of Pauline Garb as a rapid assimilator of English
must be the record for immigrants. must be the record for immigrants,
and may possibly re the despair of
forty-one graduates and ten prizewinners, all of whom had been in the
school less than one year. Many had received iustruction in their; native lands, though none could speak or read English when they entered
the Hirsch school.-[Literary Digest. There has just been completed inLide the Small-bird House at the incandescent lamps, the object of the installation being to induce the tiny feathered inmates to take breakfast a couple of hours earlier than
they otherwise would do. It is controlled by a switch outside the building, and each morning at six a keeper turns on the lights. This,
of course, arouses the birds, who of course, arouses the birds, who
commence feeding forthwith, under the impression that day has dawned The same dodge has been used from time immemorial for fattening quails
for the London market. These birds for the London market. These birds red or being caught, they are kept in underground cellars, fitted with elecswitched on and off. Every time the lights are raised, the quails start eating, going contentedly to roost
when they are lowered. In this way a bind can be induced to eat as many as twenty-four breakfasts in one day - [Pearson's Weekly

At a recent auction sale in Lon-
don, Eng., Chas. Dickens' favorite don, Eng., Chas. Dickens' favorite chair was purchased
phian for the sum of $\$ 374$
A five-foor shel: of books very fre quently does represent a wide and lofty culture-for the friends of the
owner of the shelf. Tio be the ownowner of the shelf. To be the own
er of only five feet of books mean only too often that the other m. 15 or
20 feet are in the purcelled 20 feet are in the parcelled posses sion of people who wanted a par
ticular volume merely for a day or two, or for a tedious railway trip,
or only to read to a sick friend. lists have been drawn up of the hundred best books und the hundred
worst books. But neither Sir John T, ubbock nor Iord scton nor Doctor Eliot has really mot the point. The
hundred best books are the book our friends lug away or send back with finger-marks on the margin The hundred worst books are the with all due consciousness of the fact that humanits shows itself at its very lowest in the man who locks his bookcase, and makes it a prin-
ciple not to lend. Some golden mean must be found between belng miserly and being ruined. Might not some enterprising publisher put on
the market $a$ library of a hundred selected hooks, intended exclusively for being given awny ?-IWinntpeg

A Trip to New Ontario Not lone ago 1 told you that the nexpected pleasure of a trip to New
Ontario - the very wilds of it -had come my way. To-day hut net the midst of New Ontario ornesces of it in sist. That will ome to-morrow. I sumose. or what will next dav, although 1 nm not at all he by this time a mand expected to and Indians atmong the squew, have I seen vel, not nary a one a papose hotel in antchfort, just nine miled rom Colsilt, and at the castern end
 there are a telephone and an electric
bell; and, looking out of the winow, down the sidewalk that leads
to the station of the Northern Ontario and Temiskaming Railway, can see a young lady meandering up n a skirt buttoned all the way u
the front, and $a$ "dishpan" hat. Behind her are some big fat men, who look as if they might hav tepped off Fifth A-enue This seems to be an Eldorado o dressed, well-fed fellows, who loon as if they had found life worth liv-
ing, and had taken up mining inter ing, and had taken up mining inter
ests as a diversion.
The Cobalt Special, on which we came from To ronto last night, was crowded with them, and one in especial was pointed York, the owner of the "Nova Scotia " mine up here somewhere He was a strikingly handsome man
with a Jewish nose und an unspell with a Jewish nose and an unspell-
able Jewish name-i.s, in fact, a Jew Now for the women: A few New Yorkers seemed to be on board, gami, a very unattractive town, so far as we could see, on a very beautiful lake, which, they say, is coming into much favor as a summer resort
farther down. But even the women who live here look quite as much up to the fashion as those at home Even the dining-room girls at the
Latchford hotel wear "rats" and "sausages" in their hair. What furthe
ed ? Of course, there are not many wo
men of any kind, "rats" or no, her men of any kind, "rats" or no, here
as yet. There are only about 200
citizens, all told, in Latchford, and citizens, all told, in Latchford, and
the majority of them are men and children. Women from the outsid curiosity as yet, as we found out
when we went into the office to when we went into the office to
register. The office is a big one
hrilliantly one side of it was ranged a row of men, each with a cuspidor in front
of him. As we stepped before the clerk there was dead silence all along the row. The men looked at us
over the cuspidors-and we turned over the cuspidors-and we turned
our backs on them. Later in the day we overheard that ". one of the en her pen in her hand until she had her name signed, -so much for the The said office he first indication that we wer land of the Indian and the Hudson's Bay Company. Latchford, in fact lies right on the old trail of the company, in coming from the ot tawa
to the fur country.
Upon the walls all around were heads of moose. deer and lynx, and cases filled with
stuffed birds, chicfly loons and other stuffed birds, chielly loons and other
waterfowl. Moose are still to he plentifully,

## inner

$\qquad$ sheer waste in this country, since the
space occupied by the mines entails space occupied by the mines entails
but little loss of timber, while the
surface, at least over the country surface, at least over the country
which tre traversed this morning seems totally unfit for farming. Al
most every square yard of it is either covered by boulders or outcrops bed-rock-hard Laurentian rock of a
gray or grayish-green color-the gray or grayish-green color-the oldest
formation in the world, as geologists ormation in the world, as geologis
will tell you. There is so much it that you would wonder how the trees obtain a foothold, and yet the grow," "tinick as hair on a dog man has made his presence known Of course, immense quantities of timber are being cut and floated down the
rivers, but in this immediate distrie rivers, but in this immediate distric
the effect is scarcely perceptible vet, as regards the general appear ance of the country. Further to the which begins near here, and on to wards the Clay Belt, running upwar rom New Liskeard, more extensiv
clearings have been made, and th land has been bound quite, good, an excellently suited to wheat-bearing Rut it is chiefly the lure of silver
which is bringing in the crowds trat Which is bringing in the crowds th:at
throng the "Cobalt Special " every throng
day.
six
ly no 1y no Cobalt, no Latchford, no Gow
gandla. One day a blacksmith numer ganda. One day a blacksmith nomed
Larose, who chanced to be working on the Northern Ontario and Lake Temiskaming Railway, then being
constructed, to boom the farming of The Clay Belt, threw his axe up at
comething on a rock. It splintered a fragment, and, on going to regain
it, Larose noticed something pecul iar about the splintered portion
The axe had, in fact, struck a vein of almost pure silver-and so the rush began. Larose staked his claim
and sold it very soon for $\$ 30,000$.
It has since given the richest vield It has since given the richest yield est silver-bearing district, at that,
which the world has ever known. got some startling statistics, which
may be new to " Farmer's Advocate" readers, this arternoon, bu Cobalt itself, just pausing to state that the estimate for the prresent
$\qquad$ a great many of the fat mine-owners and tourists who are crowding in
during these hot summer days, but the prospector is, naturally, the om
nipresent species.
Iwerywhere he is to be found staking out his he laim and hoping to find his Cldorado.
Within a few miles of Latchiord thre mines have been already opened, the but the prospectors are pushing
the woods in and the woods in all directions, on
Gowganda, and beyond mining prospects I shall, howewer
have more to say later. when u.
catch up with our (ieological sormes
$\qquad$ quite as essential for country folk as for city folk, as tuberculosis and
pneumonia are by no means unknown pneumonia are by no means unknown
in the rural districts. Sleeping out in the rural districts. Sleeping out
of doors, at least in summer, should be easily accomplished in every rural home, and
results.]
Atnost imperceptinly, the modern
crusade against pheumonia and con-
cumption has developed a new style
$\qquad$
$\qquad$
$\qquad$ open-air " treatment of the
most dreaded of our diseases that has and architects, under and ine influence of the new force in our city life, ar comperled to study the question from
the purely utilitarian point of the purely utilitarian point of vieu
The old style of designing and build The old style of designing and homes is, therefore, passing What radical charactere.
Fresh air and sunshine Fresh air and sunshine are the two
recognized agencies for the cure of
pneumonia and consumption, and if pneumonia and consumption, and if
these can be supplied in abundance
the year round, suffereres frem the year round, suffiereres from th
dreaded diseases can live in almost any of our cold northern cities.' But it is not only for the cure of pul-
monary disorders that this treat ment is recommended, but for its
prevention. In order to stamp ou
the disease, and insure the disease, and order insure sach ind ouvid-
ual against its ravages, our method ual against its ravages, our methods of living and sleeping must br
changed. our homes must be re
modeled to suit the new conditions modeled to suit the new conditions
The sanitary importance of sun-
shine and froch air int shine and fresh air in our li ving and sleeping-rooms is a generally-accepte
fact, but beyond enlarging some of the
front window front windows. and adopting better
systems of . ventilation. ar bitects systems of ventilation, architerts,
until recently, have not responded very prompti, to the demands of the The atoption of the roof treat ment of pheumonia l, a bew of the a dozen years ago, was looked upon at first in the light of an experiment.
but in (wo seasons it was demon. strated that the fresh-uir and sum-
shine reduced the mortalit. shine reduced the mortality of the
patients far more than one-half. The
roofe were Gonfs were simply lited up as auxil-
iary wards, with wint shields and such other appropriate protections ats the wenther domanted. Wery day
through the winter the patients wer coposed to the fresh air and sum-
shine. Then came the glass room. shine. Then came the plas romm
to protect the patients in rains
$\qquad$
$\qquad$
$\qquad$
$\qquad$
careful study of the new condition
oi sanitary life. There are thr
ways of accomplising the result ways of accomplisning the res
and in these diflerent directions architecture is being changed.
changed tack in our cities, because closely-built-up conditions and
apparent waste of flat-roof apparent waste of flat-rooi sp
The roof playground has been tablished on a considerable numb of city houses, where children cain play in the open air and sanshim street. Une of the pioneers of he recommendation chly chldren, spent $\$ 150$ in having the flat ings, and a portable roof. I he rit area of five hundred and sevent square feet, with an elevation en floor was laid over the tin root and protection afliorted on the nort and on the other sides by canvas All through the winter the childre played on this roof, and daily tes
of the temperature showed while it was slightly cooler up there ar the average, the humidity The sun and air got in their yoo fork, and the children who had croup for most of the winter, were This was three years ago, ant roof-playgrounds have been estal lished for children. In nearly gardens have been used in th family during the convalescent Period. But here, again, the effect
of the new campaign has not yet been fully measured by those why roof is coming in for something mor Than a playground or resting-place
ior conn alescents. it is being used us the sleeping-romm for hundreds
those whose wrak lungs indicate predisposition to pneumonia or con sumption. Sleerping out of door in winter is not a passing fad. It hind The great consumptive camp where patients live and sleep out aent. The jhysicians assure us that we have it within our means tos thaild acr wiumble and the highed-priced samtarium, and that it is the sunshine
and tresh air win me:l more than at Last winter. uphard of sicural hum dreal "eople in "apward of several hun out of doors irom choice, and not Grom necessity I few had thein slapering-rooms, inclosed on two of more sides. but whas with one side
or the roil
sionen sion of fresh fur (he much has this have been callem in the draw plans

mairect hat thomserit the following

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$


Tominaly inve nhen
$\cdots$


## 8

of the race is thus dependent, to
large extent, upon how we overcome
the adverse conditions and environ
ments erected by our own hands.
Hope's Quiet Hour.
Overcome Evil with Good Love ye your enemies, and do good, and
lend, hoping for nothing again; and your lend, hoping for nothing again; and your
reward shall be great, and ye shall be
the children of the Highest: for He is the children of the Highest : for He is
kind unto the unthankful and to the evil.-S. Luke, vi.: 35 . forgiven, whose sin is covered,"' says the inspired poet, but think of the un
blessed and dangerous state of blessed and dangerous state of a man or
woman who is indulging an unforgiving woman who is indulging an unforgiving
spirit. Our L.ord's words on this point
cannot be mistaken by the most supercannot be mistaken by the most super-
ficial reader, and His warning is clear and solemn. If words have any mean
ing at all, then one who is nursing a ing at all, then one who is nursing a
grievance and refusing to forgive, need
not appeal to God for forgiveness. Our not appeal to God for forgiveness. Our
Lord says: "Forgive, and ye shall be Lord says: "Forgive, and ye shall be
forgiven," and again: "It ye forgive men their trespasses, your Heavenly Father
will also forgive you; but if ye forgive will also forgive you; but if ye forgive
not men their trespasses, neither will not men their trespasses, neither
your Father forgive your trespasses." S. Matt. vi.: 14, We eonstantly pray to be forgiven "as
forgive," but sometimes we should hardly dare to say the Lord's Prayer we thought what we were asking. the pardon for past sins, which God has
already freely bestowed, may be recalled. already freely bestowed, may be recalled.
The servant who owed ten thousand talents had been set entirely free of that
enormous debt. His master let him enormous debt. His master let him
start fair again without anything to clo start fair again without anything to clog
his progress ; but when he refued to his progress ; but when he refused to
forgive the fellow-servant who owed him a trifing sum, the cancelled ded ded was
again written up in full against him again written up in full against him
and he was delivered to the tormentors with faint hope of release. We are not left in the slightest doubt about the ap.
plication of this parable, for the con plication of this parable, for the con-
clusion is:
is Heavenly Father do also unt
from your hearts forgive no his brother their trespasses. cent appearance of friendliness
deceive God. deceive God, forgiveness must be in
thought, as well as in word and deed thought, as well as in word and deed
"from your hearts."
"lut impossible thing to require of any man
for love cannot be forced." Yet Gor never requires
sometimes may seem to do so. as when Israel at the Red Sea received the order
to go forward. That apparently impossible command was quite possible-as
those who tried to obey it soon found nut-and, when God not only says that
we must forgive those who have injured we must forgive those who have injured
or offended us unt il seventy times seven," but must also "love" our
enemies, those who set themselves de
terminedly to obey the hard command terminedly to oley the hard command
will find that it is not impossible. The will find that it is not impossible The
trouble generally is that we don't very
much want to forgive or love either, truch want do forgive or love either.
being quite content to settle down on a
level, which even the heathen can reach without the slightest eflort-the easy busi-
ness of looing those who love us, and
being kind to those who are kind As one of my
S it: "I act white to the fellows who are
white to me." He really seemed to
think think that was very meritorious, instead fur anyone to do.
But, if the person with whom you
quarrelling s? ould refluse to accept y quarrelling st ould refuse to accept yc
advances. or if love should refuse spring up in your own heart, the wisest
plan in it oflow the nivice given thy th.
Captain of the 1 .ord's Host to Joshum


## shall find that Love has sprung up your own heart and has undermined the

 Wall of ice between you and your enemy,so that it is ready to fall at the first
kindly word kindly word.

Deep wounds of anguish bring;
Entreat, when at God's throne you
His grace may these subdue;
Thus be to those indeed a friend
We all need forgiveness every day of
our lives, therefore it is a terribly
dangerous thing to be presumptuous, and
dangerous thing to be presumptuous, and
it is both useless and presumptuous to
ask forgiveness for ourselves when we are
refusing it to anyone else. For our own
serusing to anyone else. For our own
sike, then, important to be honest
in approaching the subject. "It takes
in approaching the subject. "It takes
two to make a quarrel" is a very true
saying, and, if we think we have a
grievance, probably the other party in
the quarrel is is equily
the quarrel is equally sure that he has
something against us. A genuine, truth-
something against us. A genuine, truth-
ful apology will generally be met by an
other equally frank. To make a pre
other equally frank. To make a pre-
tense of asking forgiveness -thinking all
the time that the blame is all on the
the time that the blame is all on the
other side-is to be a hypocrite. Hypo
crisy is always felt and resented, and can
do no possible good; so it is both foolish
do no possible good; so it is both foolish
and wrong to ask pardun unless you
really
and wrong to ask pardon unless yoh
really feel that at least part of the
blame is on your side.
blame is on your side. Nursing
grievance is a grand way of making one'
grievance is a grand way of making one's
self miserable, and only when it is buried
and forgotten $\begin{aligned} & \text { can pan peace it is burie } \\ & \text { and happines } \\ & \text { come back to the heart. The Purita }\end{aligned}$ Thise
used to plant corn over the Puritans
their dead so that the Indians mighat no
man
and soon, of course, they could not b
sure of the spot themselves. So, it. ha
heen wisely suggested, we should alway
been wisely suggested, we should alway
bury a grudge without erecting a lott
tombstone to remind us of its a past ex
istence, and should plant
istence, and should plant over it flower
and grain of kindly thoughts, words an
acts in favor of the person who has
wronged us. Our Lord was not satis
fied only to forgive the was not satis
Him in Gethsemane, He was actively
kind, healing the wound which Sy
Peter's rash loyalty had caused. Then
let us try hard not to make the
Crievance larger by talling about it here
there and every where. Our orders are
II thy brother shall trespass agains
thee, go and tell him his fault between
Thee, go and tell him his fault between
thee and him alone: if he shall hear thee
Thou hast gained thy brother But it
will not hear thee, then talk with on
ur two witnesses every word may be es
'abbished." If this wise command wer
otieyed. simply
olteyed, simply and wise command wer
serious qually, how fer
serious quarrels there would be. But, a:
a matter of fact, the person who has
of the first, to to hear of it it. instear
who has one taken offence probably at some
carreless remark which has heen mal mal
ciously repeated by a scandal-monger
tells the grievance over and over to al al
the triends and accuuaintances within
reach, carefully avoiding all intercours
with the only person who could clear the
matter up. The necossity of making
matter up. The necessity of making
the grievance important enough to be
worth talking about, causes it to be ex
worth talking about, causes it to be ex
aggerated almost unconsciously, foolist
aggerated almost unconsciously, foolish
condolence fans the flame of niger, some
times the matter is
times the matter is exposed to pomblic
view in the columns of a local paper
(that is a grand way of makine a moun-
thin out of a mole-liin and stirring up
life-long bitterness). or it is. tuite un-
life-long bitterness), or it ist, quite un
necessarily, carried oy post to distan

$\qquad$ o anybody, only bringing a lot of un
Sometimes we fondly nurse our grief
With soothing, tender care;
And then to see how fast it grows
And then to see how fast it grows
Makes e'en its owners stare.
Hakes e'en its owners stare.
We feed it with the richest food
We feed it with the richest food
A fertile mind can give,
When smarting under fancied griefs
From those with whom we live.
And with this food it thrives so well
And grows to giant size,
And though rich blessings strew our
They're' hidden from our eyes.
They're' hidden from our eyes.
Tis wiser far to take our griefs
"Tis wiser far to take our griefs
And troubles day by day
To Him who waits and yearns to bear
Yes, the best cure for this as for all
other troubles is to take it to the foot
of the Throne - and be particular to
leave it there. Remember it only before
God, and it will soon change its very
God, and it will soon change its ver
nature. Christ is the Branch who ca
change the "Marah" waters of anger
nature. Christ is the Branch who can
change the "Marah" waters of anger o
hate into the sweet fountain of love
you carry on your heart your enemy'
name when you enter into the Holy
Place, you will soon find that the enemy
Place, you will soon find that the enemy
is changed into a friend in your thoughts:
understand that he is really a friend and
then the next step will be to make him
ot an enemy any longer.

- My proud foe at my hand to take no
hoon will choose-
My prayers are the one grace which b
My prayers are the one grace which h
cannot refuse."
dora farncomb.

Fresh Air and Exercise
Health is simply a matter of getting
the best of dangerous germs. The healthy
disease germs, but one who habitually
disease erms, but one who habitually
and successfully resists such attack. And
the doctors now tell us that the best way
to resist attack is to live in fresh air,
day and night, breathing it in deeply and
day and night, breathing it in deeply and
constantly, together with enough exerclse
every day to get into a perspiration, thus
keeping our pores open and throwing off
through them whatever we are better rid
of. These simple rules are revolutioniz-
of. These simple rules are revolutioniz-
ing the physical life of many who used
To cliny to heavy clothing that clogged the
to cling to heavy clothing that clogged the
pores, and hermetically - sealed living-
pores, and hermetically - sealed living-
rooms, and wondered why they had so
rooms, and wondered why they had so
many "colds." They hnow now that
they were not nourishing and exercising
the body, and were therefore fasy prey

## Two Things I Know.

By O. W. Firkins.

Than bluelell
Than berries
Than laugh of balue in cloister
Than fonts in desert soil
The joy of those who suffer.
Two things I know more sacred
Than blossoms sprung from graves.
Than stains of gold or purple

Than shrines in marts of traffic
Than hymns in battle broil:
The ro
Univer
Minn.
down a tree in the presence of a large
concourse of people. including $n$ number
graves,

The Ingle Nook

ther Departmente: (1) Kindly n one side of paper only. end name and address with (2) Always tions. If pen-name is also given, the re name will not be published. (3) When name $\begin{aligned} & \text { enclosing a letter to be forwarded to } \\ & \text { anyone, place it in stamped envelope }\end{aligned}$ ready to be sent on.]

When the days are hot and work presses the most of us farm folk are, I suppose, given a little to feeling that the farm
life is hard, one of the hardest. I know 1 used to think it so when I saw the blaze of the sun, perhaps at one o'clock and the women stirring themselves like-
wise, so that all the dish-wnshing wise, so that all the dish-washing, etc., get tea again at four o'clock. No doubt
the work is hard-every kind of work the work is hard-every kind of w
that is done well is hard, for that $m$ ter-but now I sometimes wonder why
tarm folk do not rest longer at noonsay two hours, or more and tack the
extra time on morning or evening, when the atmosphere is cooler avd the body but conventionality can prevent farmers
fromi doing this for fromi doing this, for they, if anyone, are
their own masters. their own masters. Of course, I know
that there are farmers who get up at that there are farmers who get up at
four o'clock in the morning and work until ten at night, but surely such foolish
people are in the great minority people are in the great minority
At any rate, I do think that the people
of the country know nothing of what drudgery may mean, the awful drudgery that is to be found in the large cities.
In the country there is at least plont In the country there is at least plenty of pure air, wholesome quiet, and the ro-
freshing green of fields and trees; reatful to the eyes and minds even of those who
are so prosaic as to see no beauty in are so prossic as to see no beauty in such things: in many workshops in the
large cities there is too often a fetid atme cities there is too often a fetid
and noise, and surroundings of grime I was reading this afternoon an article dealing with industrial conditions in some
of the busy hives of Now York, an article telling of the nervous breakdown of girls
in telephone officess of the in telephone officess of the attacks of tain cordage factories are subject; of the inroads of tuberculosis made subject, of the polishers who are obliged to work at of the weariness leading to broken-down constitutions among shop-girls who are obliged to stand in one spot day after
day, year after year; of the nerve-strain day, year after year; of the nerve-strain
attacking the manipulators of delicate atacking the manipulators of delicate
machinery; and so on through a long
list-and I thought how machinery; and so on through a long
list;-and I thought how vastly preferable
life in the country I have not space at command to give
you the whole of this article but will you the whot space of command to this article, but wive
close with an extract or tioo, which you
cmav find intren "The flax plant, its blue flowers left hehind, its dark-brown seeds rejected, its
woody core expelled, itself reduced to twisty, Core expelled, it'self reduced to
fouber, reaches at last, in its
toward human use in journey toward human use, in certain
Nev England mills, a trough of hot
cater. through whin wet and dripping, on a a spinning frame
chere it is plonge a where it is elongated a spinning frame,
a contine strand.
I. i woman stands before that spinning
tratue. Her feet are bare. Mer feet are bare. Over an old
waist and petticoat she wears a big bur-
lap apron, which is tiod up under her lap apron, which is tiod up under her
arins, A belt encircles her, in which
there sticks there sticks a knife for cutting flax
tangles, The water thrown of by the
whirling, The "hirling "flyers" of the spinning frame
sprays angainst her breast. The water
Chat spinning frame crawls along the floor
atout her bare feet, and would run away
but that it is gathorad but that it is gathered into the depresin litlle pooll. She cannot wabout her
Shose.
She cannot wear decent clothes.
thermemeter thermometer in the recomt slothes. The
inghty often at
nill day
nimh she is drenched. When
 cen hanking all day on the walls of the

What are those niture clocks soing, scat-
cored alony the wull It dhis plove factory? For two kirls
 Meanwhile the sewing machines interest
It's amusing to try to make one orem make just one stitch and no
nore. You press a delicate treadle with vour foot. The machine takes twenty
or thirty stitches, starting off like a reor tirty stitches, starting off like a re-
eased homing pigern, before you can
ake your foot off By and by you got leased homing pigeon, before you can
ake your foot off. By and by you get
a down to six stitches, or five. But the girl in the next chair to you will
nake her mantine drop, tit medede into
top dead: like that! No muscle ! All
Admirable nicety !
herves ! a "closer." Well. she also does
She is a
"hacking "backing and thumbing." But it's part omes to her twice. First, she takes five
r six leather pieces and sews them together into the rough semblance of a,
clove. That's '"backing and thumbing." Ylove. That's "backing and thumbing."
Then, after much wandering about the
foom, the glove comes back to her, and she runs her needle up and down the
ingeresides. That's "closing.".
But why isn't "hacking and thumbing" Be job, and "closing" another? Why shouldn't one girl "back and thumb" all
he time and another girl "close"" all the
time? Wouldn't that be faster " Iriend half turns and looks at you slant-
ingly. "Yes; that's what the firm wants; and we'd, make more money, ton: but not
or us!',
Curious (ertainly not husinesslike , Butious! after a few moments of watching
and listening you begin to understand. and listening you begin o understand.
The piece rate on "closing," for a cer-
atain style of glove, is fifteen cents per












Hardwood Floor
Hardwood Floor.
I have a hardwood floor in my kitchen
and have always given it one cont of boiled linseed oil every year, but I think
there ought to be a better preparation. there ought to be a better preparation,
as the oil makes it dark and has no
gloss, and in a little while has a very gloss, and in a little while has a very
dusty appearance. white shellac thinned dusty appearance. White shellac eninned
with wood alcohol makes a splendid with wood alcohol $\begin{aligned} & \text { makes a a splendid } \\ & \text { varnish for linoleum. } \\ & \text { Would it be all } \\ & \text { right to put a coat of shellac on the }\end{aligned}$ hardwood floor after the linseed oil dries
in? Would the oil provent the shellac
from drying quickly, or would it make it too stippery?
I don't like trying experiments on
things of this kind, as $\tau$ might do the things of this kind, as 1 might do the
forr more harm than good, as a friend of mine did in thinning white shellac
with turpentine. She applied it to her with turpentine. She applied it to her
linoleum, and it all broke out like a blue
mould over it. which was there as an eyesore until it wore off.
I would be pleased if you could give POLKA DOTT. All my friends in this city use "Floor
Finish,"." and seem to be perfectly satisfied. Two coats are applied, then the
whole is well rubbed with "Floor Wax,",
made for the purpose. Apply according The "Over - dressed Daughter." Dear Dame Durden,-As I have always
enjoyed reading i, The Farmer's Advocate," and especially the Ingle Nook, I
thought I would write a few lines. have often thought I would like to hear
what clever old Sandy Fraser thinks about the over-dressed daughter. We can
all look around in our own community and see the young lady who seems to
have been showered with beautiful dresses. have been showered with beautiful dresses.
She has in her wardrobe for summer wear a licht gray silk, printed organdies, Per-
sian lawn and white duck suit, and several lingerie waists, and hats, to match
each costume. Now, the dressmaker's bill would amount to quite a sum, and
the price of millinery is sometimes starting. The fathers of such girlises al-
most invariably live in somebody else's house, and borrow somebody's money.
I suppose notody knows the sleepless
nights such fathers pass-wondering how nights such fathers pass-wondering how
they will make both ends meet. But the they will make both ends meet. But the
toolish mother says, Nour daughter must
take her place in society, if it takes every take her place in society, if it takes every
dollar we have." Now, I think Sandy Fraser never lost a night's sleep wonder-
ing how he would pay a debt. Scotching how he would pay a debt. Scotch-
men, as a rule. are considered a thrifty
race, and like to buy with the money their pocket, and also lay by a a little
each day for the proverbial rainy day.
the happuness is not genuine It is very
much like a man being jolly when he it much like a man being jolly when he
drunk. Then when the father makes
mistake and tries to collect payment fo mistake and tries to collect payment for
goods wirce. people say. oh, he has to
do something to support that wife and daughter."
The Ladies' Home Journal for June The Ladies' Home Journal for June
says "A woman who feels sure of herself
doesn't have to "dress.' " How true it is that the women who "dress." as wi
use the word, are the women who find use the word, are the women who find it
necessary to do so-generally to cover up necessary to do so-generally to
some social or mental deficiency
Sometimes a young man, who does not
take time to consider the expense of sup take time to consider the expense of sup-
porting one of these butterfly girls, marporting one of these butterfy girls, mar-
ries one, and then wa hear people pass
such remarks as "That young man is as such remarks as "That ,young man is as
such of as he will ever be," or "She will
well off as well off as he will ever be," or "She will
soon spend all he has." There is a great soon spend all he has." There is a great
deal of solid comport when a young
couple can sit down under their own vine and fig tree, and it is money well spent I rememher several years ago, when we started housekeeping, a tramp asked for
his dinner, and he told my husband that his dinner, and he told my husband that
he had a brother in comportable circumstances, and added, "I might have been well off, but I did not think about it in
time." Can some of the Chatterers tell me how to cook a beel's tongue, and if they are pickled when purchased at the butche.
shop?
SUNNY JIM'S WIFE. Oxford Co, Ont. To cook a fresh-beof tongue, wash and
carefully, cover with boiling water, and cook gently for one hour, or until tender
Take out, take the skin off whille hot Take out, take the skin off while hot,
trim into shape, and place in a round trim into shape, and place in a round
bowl or mould, into which the tongue will fit snugly. Place a weight on top
and slice when cold. Some profer the tongue hot without moulding.
You can usually get pickled tongues at the butcher"s if you ask for thom. Perhaps some of the Chatterers can give
good recipes for cooking plekled tongues.

Salads for Hot Days. Cheese Salad.- -1 lb . old cheose, grated
hard-biled egg; 1 tablespoon vinegar hard-boiled egg; 1 tablespoon vinegar
tabberpoonn salad oil or melted butter level teasponn salt: 1 teaspoon sugar;
teasponn made mustard. Rub the yolk of the egg to a powder and add the oil Mix and add other ingrodients-all but
the vinegar. Mix well, then mix the Mix well, then mix
$\begin{aligned} & \text { hinegar. } \\ & \text { vegar last. } \\ & \text { Serve on letuce leaves. }\end{aligned}$ Ham Salad.-Chop enough boiled han ine, sprinkle with mild vinegar, season,
Baked-bean Salad._Man bean with dressing and a tittle chopped onion may also be used.
lieet Salad.- Boil Hieet Salad.- Boil young beets, chop
fine, mix with dressing and serve. Garniss with hard-boiled egg nnd greenery,
Cucumber Salad.-Cut an inch off eact end and pare carefuly. Silice thin sprinkle with salt, and let stand for ten minutes; then add Cayenne pepper to
season, and equal parts of oil and vine season, and equal
anr-or vinegar alone may be uised.
and Mixed Salad.-Mix together shredded
lettuce, chopped radishes, chopped cucumber and hard-boiled egg. Mix with dressing.
Potato
Salad.--slice potatoos while hot, gar. Add a minced onion and parsley salt and pepper to taste. Mix with dressing, and garnish with lettuce, a lew slices of lemon a

The House Fly
One summer, under the necessity of tak-
ing dinner ${ }^{\text {. }}$ down town," I patronized the restaurants, supposed to be of the good menu seemed the signs-manual that everything was all right until August ar standing then the tale was told. Notwith-
 hovering over each table, while each
opening of the doer the signal for an inrush of more. Need less to say, I betook myself to pastures
new. The appearance
 all

THE FARMER'S ADVOCATE

## The Farmer's Advocate" Current Events.

 6354 Nine Gored Skirt.
Embroidery Pattern 384.











John I). Rockifeller has given an-
wher ten million dollars, in addition
to the amount already domted by
to the amount already doneted by
him. for the endownent of college.
and universities. His total gifts for
and universities. His total gifts for
alturational purposes amount to
$\$ 112.200 .000$
The Imperial Cancer Research Com
友
dranced for the cure of this dis-

The death, at Washington, on July
11 th is announced oi Prof simon
11 h, is announced of Prof. Simon
Nincomb, the celebrated astronomer,
 come of which are now used at
ustronomical text-hooks.

The Cannon Roared.

## 

The Song of a Stay-atHome.

The Call.
1)uty is bare and the sar
ragged and thin and old will cast her aside and take io
bride a Muse in a cloth of gold. bride a Muse in a cloth of gold.
have heard the call of the wind-sw... lin. and there bides no rest for me. soul is drenched with clear starsh mu.
and drunk with the wine of the seu. hat care I now for the broken vow and
the word by the deed gainsaid? the night was torn with the suln
newborn, my life to my fate was w...| newhorn, my life to my fate was w...|
am boing South to a bayou moml| where quiet forever reigns here the migrant night of the geese night and the sober-stalking crun diep in the course of the Southerl
night amne with his the lesser

$\qquad$


 and and ,utm nem nem tine in tod

 and



To a Mouse.

| Y 22.1909 | THE FARME |
| :---: | :---: |
| Growing Old. | The Baby His Day. |
| a litule more tired at close of day | Bring out the traty. Watuel; wash his ta |
| A litte less anxious to have our way: | and comb his |
| A little more care for a brother's nam | Sou must love the little rascal, you must |
| d so we are nearing the journey's e | shown him twnder |
| Where time and eternity meet and blend. | For the ones who set the fashions hatw just issund the decree |
| little less care for little more zest in | That he haly's not the nuisance he has |
| ader view and a saner mind | heom suppowed to be. |
| tow a little more love |  |
| fid so we are faring a-town the | gen the baly, Matel: huk him fond- |
| That leads to the gates of al lmiter | Is to your tireast, |
| the more love for the frientls of youth. | Have your picture taken with him: let hiun oithn be caressed; |
| little less zeal to establish truth: |  |
| A sittle more charity in our views: | ng |
| littie | oves him is the |
| And so we are folding our tents away |  |
|  | Bring out the baby, Malmis, turn |
| A little more leisure to sit and dream; |  |
| n: | 1,ecotu' the |
| a little nearer to thoge ahead. | , cours., must be in style: |
| With visions of those long loviey and | ?11ust learn to soothe and pot him "hen he's :ll or has a pain. |
| fid so we are going where all must go. | Soun unst show affection for him, though |
| To, the place the living may never know. | will bio :an awful strain |
| I little more laughter, a few wore tears Ind we shall have told our increasing | Bring ous the haby, Mabel: hold him fond!y on your lap; |
|  | Whisper words of love to gladden the |
| $\begin{aligned} & \text { book } \\ & \text { said, } \end{aligned}$ | It is fashion's latest order, therefore bravely take him up |
| ice happy, then, if some soul can say: | Irom the hole behind the ice box |
| live berause he has passed my way. | he wallows with the |
| -Rollin .I. Wells. | -S. F. Kiser. in Chicago Record-Hera |

## The Golden Dog

(Le Chien D'Or.

A Canadlan Historical Romance. Copyright, 1897, by L. C. Page \& Co. (Inc.) [Serial Righta Secured by the Wr. Weld Co., Ltd.
 CHAPTER XXVI.-Continued,
Half an hours driving brought Half an hour's driving brought the
company to the Manor House, a
tately mansion, gabled and pointed ite an ancient chateau on the seine. It was a large, irregular structure
"hammered stone. vith deeply re-
ossed windows, mullioned and ornahammered stone, with deeply- rewinted with grotesque carvings. A 1wrin, loopholed and battlemented,
rrojected from each of the four cor-
ners of the house, enabling its inmates "..nfilade every side with a raking .." oi musketry, allording an ande-

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 ancient patriarch of the forest stood
alone-some old oak or clum. whosi Alone-some old oak or elm. whose
goodly proportions and amplitude of Kodly proportions and amplitude o of the seigniors of Tilly, and saved
it from the axe of the woodman. $x=2$ - $=$ ave romantic, little. late that lay hidder among the wooded hills that bounded
the horioon, an irregular sheet water a lagaue in circumference, dotfish and waterfowl that haunted it quiet pools That primitive bit of axe or fire, and was a favorite spot Manor House, to whom it was acstream. or hy a pleasant drive As the carriages drew up in front of the Manor House wery door wike
dow and abale of which looked like
an old friend in the eyes of Pierre Philibert. a body of female servants

- the men had all been away at the
$\qquad$
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$\qquad$
$\qquad$


The light bread or the leaden loaf is a matter of choice-not luck. Choice of method-choice of yeast-but, above all, the choice of the four.

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 S. .c. witr brops of igivis

Nhtby
Nhitby
Hater Comic
Nax
2viez
$\pm 2$
Evis

$\qquad$ hived so long in the company of the
$\qquad$ Cocagne that they could relish royalty, although mad, had the cred it of introducing. of cheering her somewhat moody orother. hand with sisterly affection
ing her his shoulder, white in a low
upon his sol wweet voice she talked to him, adroit
is touching those topics only which she knew awoke plensurnhle associa-
tions in his mind. ITer words wer sweet as manna, and full of womanly
tenderness and sympathy, skilfully tenderness and s.mpathy, skity, like
wrapped in a strain of gait hridal veil which covers the tears of
the heart.
pierra Philihert's eyes involuntarily Pierre Philiherts syes involuntarily
turned towards her, and his ears
caught much of what she said. He was astonished at the grace and per fection of her language: it seemed
to him like a strain of music filled with every melody of earth and heav-
en, surpassing poets in beauty of diction, philosophers in truth-and
in purity of affection, all the saints in purity of affection, all the saints
and sweetest women of whom he had


Her beauty, her vivacity, her mod
est reticences, and her delicate tact
in addrossing the cantious spirit. of in addressing the captious spirit of
I.e Gardeur, filled
Pierre with admiration. He could at that mo-
ment have knelt at her fect and worshipped in her the realization of
every image which his imagination had ever formed of a perfect woman. Now and then she played on the
harp for Le (iardeur the airs which harp for Le (iardeur the airs which
she knew he liked the best. His sombre mood yielded to her fond ex-
ertions, and she had the reward of drawing at last a smile from his
eyes, as well as from his lips. The last she knew might be simulated, the former she felt was real, for the
smile of the ey. is the flash of the smile of the ey. .is the flash of the
joy kindled in the glad heart. Le Gardeur was not dull nor un loving purpose of his sister. His
brow cleared up) under her sunshine brow cleared up under her sunshine
He smiled, he haughed : and haelie
hat He smiled, he
had the exquisite joy of b lieving
she had gained $n$, ictory orer the
 laugh struck the ear of lierre Thili
bert with a more uncertain sound hopes of Amelie. saw his eyes fixed upon her with that
look which fills cvery woman with an of pleasure when first she meets it-
that unnistakable hat unnistakable glance from the
pyes of a man who, she is proud to
perccive, has singled her out from
$\qquad$
$\qquad$
$\qquad$
as nex- the thon one


## McKinley \& Aitken's

MANURE FILLER
The greatect tabor wer on the farm. uaranteed to load more manure in onc day than ten men.

McKinley \& Altken. Allist on.Ont

Troubled for Years With CONSTIPATION.

Constipation or costiveness clogs the
bowels, chokes up the natural outlet of impure matter, and retains in the
system the poisonous effete waste prosystem the poisonous effete waste pro
ducts of nature, thereby causing Biliousness, Headache, Piles, etc.
serious trouble by the pee of MILBURNI'S LAXA-LIVER PILLS They act on the bowels and promote
their free and regular action, thus curing constipation and
arise from it. arise Mr. Henry Owen Soury Pearce, Ont., 49 Stitandish Ave., "Having and trying various so-called remedies, and trying various so-called remedies persuaded to try Milburn's. Laxa-Live Pills. I have found them most bene-
ficial. they are, indeed, a splendid pill
and I can heartily recommend them to all and I can heartily recommend them to al
those who suffer from constipation." hose who suffer from constipation."
Milburn's Laxa-Liver Pills are
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per vial, or 5 for $\$ 1.00$, at all dealers,
or will be mailed direct on receipt of price or will be mailed direct on receipt of price
by the manufacturers, The T. MilburD by the manufacturers, Tht.
Co., Limited, Toronto, Ont.
Qucen'suniversity and College gemssom

ARTS EDUCATION THEOLOGY
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SCIENCE (Including Engineering) Students registering for the first time before October 214, 199, may comFor Calendars, write the Registrar, GEO. Y. CHOWN, B.A.
$\qquad$ PERFECTLY SAFE. "I rechon so on, pretty closercoat don't an' watch, an' an'
ern
ern ern visitor to New York asked a Westa native of that metropolis, as they were
starting out to view the city; and. de-
spite the cilizen spite the citizen's essurance that no more than ordinary vigilance was required, the
Westerner proceeded "to keev, his eye
skinned," much to his friend's amuseskinned,
ment.
presen Presently they enterce a cafe for lun-
cheon. The New Yorker was discoursing
yayly upon the greatness of hhis native
city, when he observed that the other bad un expression on his face much like
that of a cat at a mouse-hole. that of
"What
inned
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 mine,
gether
ano
and

tion "
ceased
To
ceas
To
men
very
obse
thou
mor To extricate herself and almost To extricate herself from her mo-
mentary confusion, which she was
very conscious had not escaped the
observation of pierre - and the
thought of that confused her still more-she rose and went to the harp-
sichord, to recover her composure by singing a sweet song of her own composition, written in the soft dialect
oi Provence, the Languedoc, full of he sweet sadness of a tender, im Her voice, tremulous in its powet lowed in a thousand harmonies on
the enraptured ears of her listeners Even the veteran card-players left a
game of whist unfinished, to cluster round the angelic singer
Pierre Philibert sat like one in Pierre Philibert sat Mike one under
trance. He loved music, and und
stood it passing well. He had heard stood it passing well. He had heard
all the rare voices which l'aris prided itself in possession of, but he though he had never His heart throbbed in
till now. His
sympathy with every inflection of the oice of Amclie, which went throug him like a sweet spell of enchant
ment. It was the ooice of a disem
bodied spirit singing in the languag of earth, which changed at last inty
benodiction a benediction and good-night for the
parting guests, who, at an earlier
hour than usual, out of consideration parting guests, who, at an earlier
hour than usual, out of consideration
for the fatigue of their hosts, tooh
仵 their leave of the Manor House and
its hospitable inmates.
The family, as families will do upThe family, as iamilies will do up-
on the departure of their guests,
drew up in a narower circle round
the fire, that blessed circle of freedrew up in a narrower circle round
the fire, that blessed circle of free-
dom and confidence which belongs
only to happy households. The novelty of the situation kept up the
interest of the day, and they sat and
conversed until a late hour. conversed until a late hour.
The Lady de Tilly reclined com-
fortably in her fauteuil, looking with fortably in her fauteuil, looking with
good-natured complacency upon the
little group beside her. Amelie, sit-
ing on a stool, reclined her head Ittle group beside her an a stool, reclined her head
ing on a
against the bosom of her aunt against the bosom of her aunt,
whose arm embraced her closely and
lovingly lovingly, as she interest to an animated conversation between her aunt an
Pierre Philibert. Pierre Philibert.
The Lady de. Till. Urew Pierre out
to talk of his travels, his studies and his military career, of which he
spoke frankly and modestly. His
high rimity high principles won her admiration,
the chivalry and lovalty of his character, mingled with the humanity of the true soldier, touched a chord in
her own heart, stirring within her
the sympathies of 11 nature akin to the sympathies of a mature akin to
his.
The presence of Pierre Philibert, so unforeseen, at the old Manor Hous seemed for a kood and great end-
idence for
the reformation of hero brother she dared to think of herself in connection with him, it was "ith fear receives a beatific ricion that may
only he realized in Heaven.
Amclic., with peculiar tact. soupht

 cupations
which she
y leisure
e him no and a grand excursion of a
ake of Tilly in boats the
olonize its little island fo colonize its little island for a day
set up tents, inake a governor and
intendant perhans a king and queen set up tents, make a governor and
intendant, perhaps a king and queen,
and forgot the world till their retur home.
This
This elaborate scheme secured the
approbation of the approbation of the Lady de Tilly
who had, in truth, contributed par of it. Le Gardeur said he was poor fly whom they were resolved to
catch and pin to the wall of a chat eau en Espagne, but he would enter the web without a buzz of oppositio
on condition that rierre would joi on condition that Pierre would
him. So it was all settled. Amelie did not venture again that
night to encounter the eyes of Pierre night to encounter the eyes of Pierre
Philibert - she needed more courage
nan she felt han she felt just now to do that; but
in secret she blessed him, and treas ured those fond loce loos of his in her
ueart, never to be forgotten heart, never to be forgotten any
nore. When she retired to her ow more. When she retired to her own
chamber and was alone, she threw
hercelf in passionate abandonment herself in passionate litle oratory
before the altar in her little
which she had crowned with flowers Which she had crowned with fower
to mark her gladness. She poured
out her pure soul in invocations blessings upon Fierre Philibert, - and
upon her brother and all the house upon her brother and all the hous
The golden bead of her rosary lin
gered long in her loving fingers that gered long in her loving fingers that
night, as she repeated over and over her accustomed prayers for his safety The sun rose gloriously next morn
ing over the green woods and still greener meadows of Tilly. The at
mosphere was sof and pure ; it had
been washedd clean of all its impuri been washed clean of all its impuri
ties by a few showers in the night
Every object seemed nearer and Every object seemed nearer and
clearer to the eye, while the delicious
odor of fresh flowers filled the whole odor of fresh flowers filled the whol
air with fragrance. waters and gree
The trees, rocks. slopes stood out with marvellou
precesion of outline, as if cut with precision of outline, as if cut with
keen knife No fringe of haze sur
rounded them, as in a drought rounded them, as in a drought, or
as in the evening when the air ; flled with the shimmering of th,
day dust which day dust which follows the sun's
chariot in his course round the
world world.
Every object, great and small,
seemed magnified
to welcome Pierre seemed magnified to welcome Pierre
Philibert, who was up, betimes this morning, and out in the pure air
viewing the old familiar scenes.
With what delight h. recognized each favorite spot! There was thi
cluster of trees which crowned promontory overlooking the st. Law-
rence. where he and I.e (iardeur had
stormed the cagle's nest. In that stormed the cagle's nest. In that
sweep of forest the deer used to
brouse and the fawns crouch in the long ferns. Upon yonder breezy
hill they used to sit and count the hill they used to sit and count the
sails, turning alternately bright and
stark, dark, as the veisels tacked up the
broad river. There was a stretch
Wof broad river. There was a stretch
of green lawn, still green as it was
in his memory how everlasting are God's colors: There he had taught
Amelie to ride. and, holding fast ran hy her side. keepsing pace wit
her flying IIdian pons. How beaut
ful and fresh the mand iresh the picture of her re
whined in his memory - the sof
white dress she wore. her white dress she wore, her hlack hait
streaming over her shoulders, her
dark eves tashine dolight her merr


Is absolutely pure, strong and healthiful. Dolightful in flavor, nourishing, economical. Cocoa should be boiled three or four ninutosin to produce or water best results.

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and II have also been a great sufferer
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out avail and tried liniments and plasters, out avail and tried liniments and plasters,
but nothing seemed to do me any good. but nothing seemed to do me any good.
I was about to ive up in despair when
my hushand indued my husband induced me to try Doan's
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that pyou claim for them and I would that you claim for them and I would
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 nion

 min mime

For Sale: Cloloece llydesalale, Hackney ena French coach Shallons; 100 acreses $3 \%$ miles trom Meatord



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${ }_{\text {I }}^{\text {L HAVT }}$ STHREE CLYDESDALE STALLIONS two of them 3 years old, the other a 4 year-old; big fashy fellows, full of quality and
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ong-distance telephone.
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before her love and tenderness. He
suddenly embraced her and kissed her
and cheeks, while the tears stood welling
in his eyes. I am not worthy of you, Amelie,"" said he ; " so much
yisterly care is lost on "," sisterly care is lost on me!"' ". "Oh, say not that, brother," re-
plied she, kissing him fondly in return.
save you, O my brould give Amelie was greatly moved, and for
time unable to speak further a time unable to speak further; she
laid her head on his shoulder, and sobbed audibly. Her love gained the
victory where remonstrance and op victory where remonstrance and op-
position would have lost it. ". You have won the day, Amelie
said he ; "1 will not go to the vi said he
lage. except with you. You are the
best and truest girl in all Christendom! Why is there no other like
you? If there were, this curse hat you? If there were, this curse had
not come upon me, nor this trial up on you, Amelie : You are my good
angel, and I will try, oh so fully try, to be guided by you! If
you fail, you will at least have done you fail, you whill at least have done
all and more than your duty towards your erring brother." Le Brun! ". cried he to the groom
who had hrought his horse who had brought his horse, and to
whom he threw the whip which had
made such havoc amonr the flowers. made such havoc among the flowers,
" lead Black Casar to the stable
again, and you bring him out in the early morning another time, lead him to me un-
bridled and unsaddled, with only a halter on his head, that I may ride
as a clown, not as a gentleman !" Le Brun stared at this speech, and
finally regarded it as a capital joke


 lie, is down at the satmon pool.
Let us join him, Le (iardeur, and hid Ifet us join him, Le (iardeur, and bid
him good-morning once more
tripped gaily by the side of her
brother, and presently two friendly
hands, the hands of Pierre Philibert.
were extended to kreet her and L.e
Gardeur.
The hand of
The hand of inelie was retained
for a moment in that of Pierre
Philibert, sending the blood to her
$\qquad$
$\qquad$

QUESTIONS AMD ANSWERS Miscellaneous.

WHITING FOR WHITEWASH RECIPE
In answer to inquiries in "The Farm er's Advocate about a permanent white wash, you gave "Spanish whiting" as one of the ingredients. Have tried to get il Toronto, but they appear never to have heard of it. Can you tell me if it goes by any other name, or where I would be likely to procure it? (MRS.) T Ans.-The recipe referred to is an
American one, which has been highly ommended across the line, and has been used by a member of our staff with fair success. Diligent inquiries in this country revealed that none of the druggist., consulted knew what Spanish whiting might be meroly whiting, similar to that sold under other names here. In our experience, an or
dinary brand of whiting dinary brand
FITTING BULL FOR EXHIBITION 1 wish to prepare a Shorthorn bull. Worn March, 1908, for the fall exhibition oo be held in October. I wish to learn him, how to groom and feed him for or show-ring, and also how to smooth his
prospective exhibitor.
Ans.-Keep him in a roomy, well-venti-
shed, with screened windows, or cheese-
cloth curtains, to partially darken the
stall and exclude fies. A pasture plot,
or a yard to run in, is desirable for ex-
ercise. If he must be kept tied in a stall,
he should be led out for a good walk in
the evening. Feed well-cured clover hay,
a mixture of ground oats and cornt bran
and a litte coarse-ground or nutted oil
cake, as much as he will clean up in half
an hour, twice or three times dinall day
Keep, salt within reach, and give wate
(he), salt within or three times daily.
thee times a day. Hive water
He will not reauire
much «rooming until a month not requeruire the
fair. when he shoult he kept covered with
light sheet. washed
warm shef, washed once a week with
water and castile soap,
lirushed twice a day with a stiff brush,
and rubbed
and rubbed down with a woolen cloth.
a sharp currycomb should not be used.
able, a hair is not soft and the skin pli-
and li, used for cover-
Ing if weather is not warm for cough to
cause much sineating. ('ontinued hand-
rube ining after sweating, rousing. Continued hand-
hair and pive a gloss. The soften
ho hoofs should
$\qquad$

GOSSIP

JULY 22， 1909
Veterinary
LAME COLT
I commenced to handle a colt，and after on near hind leg
quite lame ing，
standine
lame．
QUESTIONS AND ANSWERS．
Veterinary．
LAME COLT．
I commenced to hande a colt，and after
driving him about six miles he went lame
on near hind leg．I turned him on pas－
ture and he got all right，and I then
commenced to work him again．He goes
quite lame for a short piece after start－
ing．but soon gets better until after
lamene
what
THE FARMER＇S ADVOCATE
 ameness．It may be there is no
largement，as we occasionally erinarian to fire and wister the joint lect a cure，hut it is generally wis
fire at first．
BOILS ON SHOULDERS． Mare is troubled with collar boils．
cmall lumps appear，break and discharge matter．I have used many ointments must be in the blood，as the collar fits
well and the draft is correct． Ans．－The blood is not at fault，else
Why should the trouthe be confined to
the shoulders？The abscesses are caused the shoulders ？
by the pressu
nrobable if yo arobable if y
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

$\qquad$
CHRONIC LAMINITIS
$\qquad$
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$\qquad$
$\qquad$
$\qquad$


Leaves 6 to 12 a inches literg，milky juined juice，
ly cut，clasping the stems at their base，
and edged with soft spines．
 flower cup and flower to know from habove description whether
the weed you are troubled with is the
same．It is to be hoopd same．It is to be houbled with is the the
ior it is most difficult that it is not
ioption of adoption of threee－year or ordicater short
rotation of crops rotation of crops，and persistent attack，
is the only hope of clearing a farm
（ested with YOUNG TURKEYS DYING． dying ofr，till about half the flock were
gone；grew weak in the gone；grew weak in legs，toppled over，
and died quickly．Had been breadcrumbs，hard－boiled been feeding
 turkey）was not very healthy，but the
male，a White Holland，was strong and
vigorous．The hen wis． vigorous．The hen was confinedrong in coo
and young ones in small yard
was Was very hot a few days before they b
gan dying most rapidly ber trouble，and how should they have been
treated？ 1 send treated？${ }^{1}$ send bodies of thoo of the
little birds for examination． Ans．－The bodies of the young turkeys arrived in due course，but were so much
decomposed that examination was im－
possible．Maggots her possible．Maggots had possession．Ex－ amination was，whowever，ungecessary．
Healthy stock do not die without mak－ Healthy stock do not die without mak－
ing a fight for it．In this，I have no has a tight for saying that the turkey
hesitation in shickens were on the weak side，and I think the heat did the rest．The list－
lessness，weaknoss of legs，etc．，are signs
of the direct effect lof rays of the sun，or to heat．No the
hatched turkey chicks must have protec hatched turkey chicks must have protec－
tion from the rays of the sun in hot weather，or from of the heat hun in hot
damp，or damp quarters．The from
date damp，or damp quarters．The foo
seemed O．K．，better，perhaps，it the cor
meal had been cookd．I think you
correspondent will save the rest of th correspondent will save the rest of the
brood．
Ontario Experimental Farm．GILBERT．

CUTTING NOXIOUS WEEDS ON THE HIGHWAY－DRAINING
have the weeds cut on the roadside
done；certainly not last year，anyway，
beyond a certain limit？If such is that
law，where mikht． law，where might 1 obtain a copy，
how should I notify them？
a Can I conit 2．Can I compel the corporation to
tend a ditch between the road and fence？It looks to me as though par
of the ditch has been allowed to fil
which backsthen makes it very late before that part cat
be worked；in fact，the water takes ReadThis It tells of Past Misery－and the New Life of Miss Aikins Letter！
 $T$ TMing Hink of the thousands of women
Miss Aisiminemsunt sufferering the same

Scotch Shorthorns

$\qquad$

SHORTHORNS

 Belmar Parc．

VALEY HOME SHORTHORNS AND BERKSHIRES

## Shorthorn Cattle

 and Lincoln sherp．

J．T．GIBSON，DENFIELD，ONT
A．Edward Meyer， P．O．Box 378，Guelph，Ontario Broets scotch smortmorns Exelusivoly



## SHORTHORNS

 somp catucr．
Manaler． H．Cargill \＆Son，Carglil，Ont．

Shorthorns and Shropshlres SHORTHORN BULLS PRICED

 from imported Buttar ran
H．L．STEAD，Wilton Grove，Ont．




## 7 Imported Scotch Shorthorn Bulls

7
 fred．earnett，manager．

J．F．MITCHELL，BURLINGTON，ONT

| Amos \＆Son， MOFFAT，ONTARIO． | SHORTHORNS <br> Nine bulls from 8 to 20 months old，reds and 10 yearling heifers and a fow |
| :---: | :---: |
| Several good young heifers，some of heifers，and alk of the very best Scotch Correspondence solicited and inspection |  |
|  |  |
|  |  |

WHY NOT BUY A HIGH－CLASS SCOTCH SHORTHORN COW， or a heifer．or a buil．or Fow shropshire Ewes，or a Few cotswole Ewes，Now，Whlle You Can Buy Them Low
can offer you something in any of them that will make a start second to none．
ROBERT MILIER，STOUFFVILLE，ONT


M9 ONT PHYSIC YOURSELF
It is a Tonic you want! Physicing lowers the system and makes it more susceptible to disease. The winter months have bee a great strain upon your vitality and unless you put the blood in good condition all manner of evils will overtake you. PSC ANE As in of the year. PSYCHINE assists the gastric iuices and ferments in their digestion of the food, cleanses the mucous membrane of the Stomach, and has an invigorating and beneficial effect on the muscle and nerves. For Catarrn of the Stomach, Ulceration or W eak Stomach, Dyspepsia, the use of PSYCHINE is strongly advisable. PSYCHINE acting on the Stomach restores it to a healthy condition hen acts through the stomach upon all the vital organs, creates an appetite, bringing
enewed vitality and strength to the entire system and enables it to throw off disease renewed vitality and strength et the entire
of every kind. It is the greatest health-
giver known to medical science.

 (THE GREATEST OF TONCS FOR HIEALHH AND ENERGY

## WILLOWDALE SHORTHORNS

I have for sale some very fine young stock bulls and heifers ready breed. Descendants of Joy of Morning, Broad Scotch and
other noted sires. Also Chester White Swine and other noted sires. Also Chester White
J. H. M. PARKER,

LENNOXVILLE, QUE.
Scotch Sherthorns Canada', greateot JOHN GARDHOUSE \& SONS



Brampton Jerseys
B. H. BULL \& SON

BRAMPTON, ONT.


Stoneycroft Ayrshires Chocice young bulls and haifers of
gg, combining show and dairy quaitit
Larse improved Yorkshir
Stoneycroft Stock Farm.



## AYRSHIRES AND YORKSHIRES!

 ALEX. HUME \& CO., MENIE, ONTARIO. hoard's station, g.t.r.
$\qquad$
NIARI


Ayrshires



Just Landed with 50 Head CHOICE AYRSHIRES

R. R. NESS

HOWICK, QUE.



## Hampshire <br>  <br> Swine   tron billeaty to months olil bexting ikg. Callo on or addrects: <br> A. O'NEIL \& SON, Birp, Ont.

MAPLE GROVE YORKSHIRES.|PINE GROVE BERKSHIRES.

SIX (6) CHOICE BOARS

A. C. Hallman, Breslau, Ont

Monkland Yorkshires we are ofer


Willowdale Berkshires! Woo tho leatiog hooor at Trooalo


OMO MPROVED CMESTER WHITES-L Lerei


SUNNYMOUNT BERKSHIRES

 c.p.R. E G.T.R. Milten P.O.

DUROC-JERSEY SWINI
UROC-JERSEY SWINI


Pine Grove Yorkshires

 $\qquad$





##   <br> Oxford Down Shet, sher Oxford Down Sheep, itior thornchant 

LABELS
Buena Vitas Farm. Hed harriston, Ont
 AND COLLIES.

E. T. CARTER \& CO., ga front st. E. torovto. canada
Falrview Shropshires Excollent temes


Farnham Oxford Downs


 IMPORTED HORNED DORSETS
 JAS. ROBERTSON S. SONS. MIIton P.a am CLuYFiELD Buy pow or be Champion Cote



Farmers and Cattlemen, Read This !




$\qquad$

JUEY 22, 1909
cossil
pramie purulation.
The Consin Bireaty Ottawe eatimates that the popmation of the Prairie Pro inces, Which was onity 800,000 in 1906, has fncreasodes to $1,100,000$ within the past three sold Ot the fincrease, at least 150,000 ia sald to have come from
the United States, as only 148,700 of the United states, as only 148,700 o overseas anmigrants have gone West,
233,000 of them having settled in the Eastern Provincee:

AMENDED RUEES of mNTRy OF CANADMA ABORDGEN - ANGUS Assocration
Aberdeon-Angeris breeders should note the followhy changes in the rules of entry
of the Candain Abordeen-Angus: Aso ot the Candajan Aberceen-Angus Asso
ciation. Skroin the primited notices just ciation, from the printed notices just
to hand from the Acountant Alational
 tollowing fulos ae they boil stand 10r enty gritio both it sire and dam are lor enty weti both tet sire and dam are
recordod in the Ohaidisi Aberden-Angus
Record
 Males red in color, or with a noticeable
ampurit

 can Atendeensanguy Breders Association
Herthook may bo rcorded in the Cana dian liberdeen Anigui Hecord, whee ac companfod hy dury contifod certicate ${ }^{0}$
 Assocleton Retecord shall bo collowed hy
 Anmber that oo tollowed by the Amerticin nemher; it in the Polled Herdboik, its
Canadian number shall be foltowed by its Seotah number
Rola
R
 Herdboolt: all marcator athall bo mecordad beek to the oiginat finpartition from
Cheat Britain. aind aselgned Canidion ninhbers, loulow od by thet A minticen nuin from Great Bitation the anceetors the not be pecoraded lidividually, out, the pedigree if it appentre in the rolled Herd-
book hiall he prbithed, Rove win No Anmil over wo yeara oo
 unlest previouily vecordoe yh the Polled Angua Absociltion'p Amerticonk.

Rule 18, -Names Thiot net Eohish ion written loghhy, phe preft crit, seonds
ote., whil count on part of the twanty. five letters cullo ted in the name. Name of sire and dam muist be ifyen oxactyr as they are in the Herciboo

Rule 15 -Namies of establiotied tamiltes shall not pe repplied to airimalis not of
that family. Rules of Enty of Animple Ared in 21. For every Rule 21. For every such animat, a rec-
ord must be had hit the Polled Hordoook publishod in scotlend by the Pollod Cat Rule 22.-Application tor entry of an
imported animal must be made by the owner, and cecompanied by a bill of sale of the animpal, and by transfer from the
recorded owner in the Folled Herdbook, und transfors from fitermedinte owners o the applicant for eatry, and nust give
date of importation, name of importer, date of imporfation, name of importer, kether with the export certificate in form 114 manner prescritied by the Polled CatSociety of Scotland, to the importer. imported of dam, a certificate wil required from the owner of its sire
viding a signature of the breeder ha iding a algnature of the breeder ha
previously accompanied a transfer in ting service of tam.
He 24--For every inported animal, ication for entry muat be made
ne year from date of landing.
 FRFECT OF CLIMATE ON WHEAT: In a paper on the influence of environment on the composition bf wheat, which
whes read before the Canadian section. the soociety of Chemical Industry Montreal, and printed, In the Socliety's Journal, April 15,1909 , Frank Is Shute,
Chemist, Exprimental Farmi Chemist, Dexperimental Farm, edvances The wheat grain is deternined more by the thafleence of seatoon and elimiate, than it is by the nature of composition of the
soi. As is well kowh, tho greater pro po tion of the wheat grown in the North wost deriven opectal vaive from to haty
 at that, ive shlute deltme fin but litito


 Shottenting an lahethianing of the thine kin mintil it 18 ripe. In enpport of wh thoory, erown fir tanitoba on nowly-llearnd Fiacch in enaftectors of chit thet at fime went on and tho laid hind been wider
 al ac whowed thatic the pewly-brokion land ogntahed conidierably mors miditare, Ind th whe the olliminttion of thire moles cure by cultivation and condeduat bliott the thprovement
 rgated and nodimity ated plote at the
 grown on the dry plot. and the concluy
ston it that the quality of bitpn il that the quaity of whemt in
lorgoly detormingod by the charecter of the
se se aon IIr. Shinte atite that if there is sumbloncy of moleteture in the month of Juine to bring the whent crap to mat
tarity, a better graln may be orpocted if
 the folpwing welk are charecterized by
hot. dry weather thay if the whithor
du-ing this pertiod du-ing this peffiod is cool and wet. It the gluten in the wheat remafin uranfoot-
ed, but that its amount le larely io ed, but that its amount le larrely a
product of the season. The obsivitiond product of the season, The observations
upon which Mi, shutt has founded thene conclusions have an important bearting
upon wheat-growing in the West. There upon wheat-growing in the West. There
are large areas fo the North where the are large areas cummer, should produce also overy probability that continuous ity of wheat on newly-broken soils which, ow ing to excess of moisture, do not at present give the best res.
the quality of the grain
Frauletn Braune had studied her Enif lish grammar carefully.
shaill remember," she said. dow above the door is the
dou call this a register? you call this a register ? learn that name." Not lon
dignified littlee (ierman lady
visitors by ass-rtiug: "Oh, dignified little cierman
visitors by assirtiug:
not found this country been very, unurortable I ith ald

## 9. Paint that

farm bulldings is very different from paint that merely covers them. Most of the ordinary paints are made only to sell and cover. If that is not a fact-
then why are all ordinary paints made hulky and heavy with adulterating compounds? Adultereted paints are cheap and they look it. Don't ise ordinaty paints unless you have nothing else to do but paint all oyer agaip in about a year

## MARTIN-SENOUR PAINT

is positively pure palat. It is made.only of pure white Lead, pure Oxide of Zincy pure Linseed Oil and necessary coloring ingredients and dryers. That's why MartinSoenour pure paints will preserve and save your farm buildings from sun and storm, And that'a why two gallons
of Mariln-Senome Rure Palnts, will wo pe fan ao three gallons of ordfary adulterated paiits: Thit pare thones paint looks baiter, lasts longer, and saves your buildingo and a lot of troubter Inslat on your deater eiving you MartheSenour Pure Palnt, It he does not sell it, send us his name on a postat and we will send you abook-The Home Beautifilit free. Write today.

MARTIN-SENOUR CO., Lid.
homimet

## GERY DAIRY FIRY swid have <br> Cooner's Mliid

Ale is in rene ely for
Abortion in cows. Write tus direct and we will tell ou how to use it COOPRR'S PLTr.
oothes and heals sote. soothes and heals sote
Udders. It is an abcolute cure for Ringwonm and Mange, and instantly COOPRR'S FLUID-bing the best Germicide-is the fiet protection aghtist the dicaded Foot and Moith Dísease

Coorin's FLUMD is the ldea diainfectant for Stables, Cow-barn, Hen Rouses etc: It lustantly and clean

## SEND US YOUR NAME

saying in which paper you saw this davt, sud the rituber Of cittle you have, and we will tell you how to pretent Abortion in cows.

WM, coopln E NEDHEws.


A Modern Canner Pays for Itself the first Season
 = $x=-5=-5$ $x=6=2=5$
The Modern Canner Co.



