

## Music for Farmors.

Perhaps some thousands of our readers may again condemn us for adrocating
things that are beyond their reach, or sueh things as will not return an immediate equivalent in cash to them, but if farming daughters, and you wish them to be attached to their home, you must give them attractions that will keep them thicre.
tecessaries of life are securedi, After the necessaries of iefe are securea,
the comforts and luxuries of civilization must alaso be secured in the farm honse, or
the young will assuredly turn their minds the young wiil assurredly turn their minds and attention from

## What is more

What is more endearing, charming and sumbine than music ? Yout toil may bo such through the week that you have harvest season, except on Sunday, buit the long winter eveenings may be made more
cheerful by the use of musie. We by noo easns advise any of you that have but
50 or 100 acres of land in a remote situas so or 100 acres of and lia remote situa such inferior quality that you cannot pay your debts, to buy an expensive instrument, but there should be a medium in all things.
We know of farmers that own hundred of acres of land, are wealthy as far as cash and property are concerred, but When one enters their gate erosses their
threshold, or converses with the fanily, they may or may not be found to be a shaide above the animals in their out-
buildings. No lawn, shrub or flower may beffound about some such places.
We have a family; we know that the labor exacted from them is often more, in proportion, thanit it from any animal 'we keep. The pay they receive for their
laber is inadequate. Why should we so erave to add wealth to our store to distribute to them in future? The greatest gift we can bestow on them is a refined
and educated mind. Have not thousands of tarmers now sons had daughters spands up that ought to be able to fill higher situations ? Should not our young men
be fit to enter the Legislative halls and control the the agricultural aifairs
Dominion ?
But where are they
To you farmers whom Providence has
blessed with surh wealth, we would say blessed with such wealth, we woild say,
instead of still hoarding it, and adding to instead on still hoorcing it, and addiny to
your tracts of land, expend a litle of
your wealt your wealdh on your descendants for their while you have the control. Do good with it in this your day. Perrhaps you may be
eommitting an actual sin in withholding that which is in your possession; you may
be saving a rich feed for lawyers, or saving be saving a rich feed for lawyers, or saving
property to be yelped into a ditel or wwated at a gambling board. Have music in your homes, and flowers in your yardens,
and your faumily will be more attached to you and to the frarn, and less likely to seek th
places.
While ailvecating expenditure in musi
cal instruncits, we would by all means caution you not to incur delt. Purchase aud pay, or do willout. There are com-
paratively very few who can afford a
piano but all eertina. But by far the greater majocrity
of well-to do farmers can afford a melodeon. While empearining of mavoric, at meting
to mind Messrs. Bell ment, in Guelph. They have a larye four-
story stone building, 100 feet of front and one wing 100 feet deep; the building is used exclusively yor the construetion of
melodeons. We were much surprised on moticing the building when we were in
Guelph at the time of the Agricultural Guelph at the time of the Agricultural
Exhibition, and we believe it is yy far the ada. The instruments turried out by them are equal to any manifictured in
Europe or the States. Thes staut at the
 enterprises success. This magniticent
buildans, and the thousands of inctiv-
$\left\lvert\, \begin{aligned} & \text { ments they are sending all over the Do- } \\ & \text { minion , ppeaks highly of the advanoes } \\ & \text { made }\end{aligned}\right.$ made in our country. On our first visit to Guelph we did not dreago of such a pro-
gress, and we should judge this melofeon manuractory alone would be worth as
much as all the buildings Guelph conmuch as all the buildings Guelp con-
tained at that time
Perhaps we
are
 we inean
mav
strum in it
strum.
To the Hon. Archibald Marellar, Minister of Agriculture
SIR, On behalf of the readers of the pleasure in congratulating you on your appointment to the office you hold We consider you well qualified to fill that
position, and your appointment is looked position, and your appointment is lookea
on by us as the greate encoragenent
we have ever had, as you are the only far on by us as the greatest encouragement
wee have ever had, ys yourare tho only far-
mer that Ease ever attained to such an office mer that tas ever attained to such an oftice
in Canada
As you hare from
in In Canada. As you have from your
youth up labored with us, you well know our repuirements. You are the only
member of Parliament that we have heard member of Parliament that we have heard
of who has put the Ditching Machine to of who has put the Ditching Machie Ment
work on his farmi, and this is sufficent to thow un that you, go to the very founda-
tion of suceessul and profitable farming We have long regretted that the interests of agriculturists have been overlooked,
and we are highly pleased at now having and we are highly pleased at now having
a farmer at the bead of our agricilural
affair. We believe that yon will tuard protect, and fositer our interests to the best of your ability; that you will endea
vor to remove oppressions that now exist restrictions that are now enforced, and will regard the voice of Parmers and act
with justice to all. We hope and trust with justiee to all. We hope and trust
that your colleagues in power will aid you in carrying out your nugugztions, and that
the toiee of the Aricultural Board will not be disregarded by you. At the same time we wish to return our thanks to the
Prime Minister who has placed you in your position. We await patiently the ma turing and working of the systems you
may adopt. We shall be really and willing to aid you in every good measure,
and as faul-finding is always easier than carrying out improvements, we trust you will not take it amiss should the farmers'
journal differ from you on any measure journal differ from yon on any measure
you may adopt, that its manageris may deem injurious to our interests, or notice any neglect on your part to guard and
protect the farmers interests.
We look at your appointment in the Cabinet as
precursory step to the better protection of the entererests of acriciculturists.
We view the acts of the
We view the acts of the Legislature or many years past as extremely oppres
sive and uniuut towards the cultivaters of the and uniust towards the cultivaters or sacrificed for city and other interestz.
The The first and the only permanent
source of the real prosperity of our Dominion mases and as thin our agri
cultural resources, and a thew country, and the majarity of our farmers
have not the opportunity' that citizen have not the opportunity, that citizens
have of acyuirius information, we trust have of accurimg infination, we rust youl
ricultural knowledge among them. Ao
this journal has been established solely for the jarmer's interest, its editor hopes that you will in no way attempt to tranmel
the vicee of the farmers, , or enchain it to
to auy political course, ass, we consider agri-
cultural interests should in no way be cu cultural interests should in no way be en-
tramelled or hattled by palitical parties, but that both Couservatives and Reform-
ers sliould unite on this platform and deavor to build up the interests of the
country on the surest founlation-arricul $\begin{aligned} & \text { country } \\ & \text { une. the surest founliati } \\ & \text { Yourr respectfully, }\end{aligned}$

The Farmers' Eittor.

## Humbugs.

We liave curtioned you alout heeling tilking ayents that would make you be hieve back is white. We still continue to
hear about the hay fork, hay car,
note swididues, and there are plenty of
green- horns yet that will be swindled hy green horns yet that we we are writing this
these provers while we arse prow Lers while wo are writing
artiele. Look
Lout Washing Machine men; ninety-nine out ot a hundred are mere delusions. Have
nothing to do with thosese gift sales or lot. nothing to do with those gif sales or
tery humbugg. We have been humbuged perhaps as much as any one we may be
cautioning, but fortunately for some of cautianing, but fortunately for some of
you, we were not led away by the great you, we were not led away by the great
humbug of Judson's Branching Corn which was attem ted to be palmed on us last year, and with which many farmers in
Canada were humbuyged and for whom Canada were humbugged, and for whom all the pity we have is that it gerved them
right. We have not noticed any comright. We have not not icted any com-
mendan of it in either of the Canadian agricultural papers. As far as we can hear, it has been the farmers who have
not taken agricultural papers that have not taken agricultural papers that thave
had their fingers burned with it. We do not say that editors of agricultural papers are infallible, as we are often depecived despite the desire on our part to bring be
fore the notice of our readers only such things as may be of use to them. We have often to reject advertisements and
notices. We know every really youd thing we introduce to our readers is of all
vantage to our reputation, and every thing or humbug that is introduced by our agency would do our reputation more harm than the introduction of ten grool
things would do us good. We have the eye of all on us, and our business would
he run into the ground if we attempted to be run into the, ground if we attempted to
introduce sueh inplenents, seeds, or plans as would tend to the injury of our patrons. We clip t
Prairie Farmer:-




 time: froduced well


$\qquad$

N. Y. ady ertised anew bracciling field corn,
said to be the reault of careful hybridization,








 We could mention some advertisers of
stock and seeds ta the States slio are not
just up to the mark.

## sceds.

We well know that many of our reader serinx ouedy looking for our acconnt
spring seeds.
We cannot furnish youn with as full and complete an account of
the carcals as we would wish. It is strange that in no city in which we hav
ever been, or in any ware-roch that know of of ither in Eurvere- orom Ameriat, the
main cereals can be obtained in main cereals can be obtained in varieties
or quantities. We believe the attempt has often been made, and the Agricultural
Hail in Toronto was erected leased at a low reat for the purporese of inn
troducing
with cereals as with gold, it does not pay
to have them long in hand. Heavy stock have to be laid in, some at very high prices, and all may not be sold. A heavy
loss ensues, not only on the stock left over loss ensues, not only on the estock ert ove
but in the waste and use of money Mr Fleming, the lessee of the Agricultural Hall, and, all other sedsmen have found it proftable to deal in flower seeds
and small garden seeds, and have found cereals a beary and dangerous article to handle ; consequently, the cereal business, unless in cases of the introduction of new varieties, in which a much higher price
can be maintained, is left entirely in the hands of the farmers themselves, or a few ware house men who may happen to pur-
chase a few loads at market prices and chase a few loads at market prices and such as they can readily sell at mill or
feed prices. There is no business to be reed prices, There is no
done in hem with usficient protit, or es-
tabishments would be found devoted to tablishments would be found devoted to
them. No one can doubt that there is a them. No one can doubt that therc is a
difference in the nature, uality, and pro. difference in the nature, quaily, and pro-
dictiveness of cereals; some are better adapted to one kind of soil than others We as farmers, are not sufficiently acquainted with the nature of the diffierent ny pretensions to education will readil it mit. Still we will endeavor to give you little information on some
nay te of use to some of you.
spring wheat.
We cannot say as much as as we should
wish con this important cereal
From reorts received, the spring wheat was a much better crop last year than it has been for many years. The Midge did not commit as much deprecation as it has for
vears past. $\quad$ Most of the common varie ears past. Most of the common vari some places are doing well. The only
neir variety we have is the Mccarling nerr variety we have is the McCarling
Wheat, which we introdiced last year to our readers. From the results on our own arm, we should have been inclined to as sown late, and on account of its havspren recently turned from a winter to
spring grain, it slould be sown early to sive it fill time to mature. Some consider it not of much advantage, but, on
tile other hand, we lave heard of about fifty that are highly pleased with it, and consider it the best spring wheat they
kuow of. As it was disseminated last ear in very snall quantities, and sent over very wile extent of country, we have a ustances, especiall 1 ceports have not been favorable; but we
ave about five times howing that many are well satisfied with it, some of which we have given through
the paper whe grain is large it re-
sembles the Rio Grande more than any other wheat. Where it has been sornn
early this griun has turned out satisfacarly thing tainu has curned out satisfactory, so much so, that we can hardly pro-
cure any of it to send out this year. armer.sold the last he had to spare at his
barn for $\$ 3$ per buslel, and could not supply the demand. We should like to have supply it in very small quantities.'

We suppose Crown Peas are now pretty
ell dissemiuated in many places; they an be procured as cleap as any other nugs, but really clean, pure seed, free from
not very easily seeured in some parts. The Dan easily seckred ane ginine
$O^{\prime}$ ourkes are gianing favor as a field pea in some parts. The
Calitorvian peas are not हo well liked as Califoruian peas are not so well liked as
some varieties on account of their being some varieties ong
Tate in ripening.
The Eveels.
The Excelsior Peas are admirably adsomewhat rellucecl in strength. The pods aree quite a hook to them, like a pruming
nife, and they contain from 7 to 11 pcas They are long in the straw and yield a
heary crop.
Try them if yourl heary crop. Try them if your laud is not
as fertife ans it sliould te to raise Crown Peas.
The Chevalier barley appềrs to give
est trouble about it is that it will not mix
with the common barley. We do not with the common barley. We do not
know yet whether it will superseed the common barley or not.

There has been greater excitement ther cereal for soine yearo past Thy Surprise and Norway oats have both had run, and as regards a change of seed they have dnne some good, but for a per-
manent and long continued cultivation they are not destined to take the place of
the Maine or Tartars. The New Brunsthe Maine or Tartars. The New Bruns-
wick oats offer to be in the greatest dewick oats offer to be in the greatest de-
mand. The White Polands are also enquired for, and we must endeavor to supply the demand to the best of our ability
We are in want of some really good We are in wan
White Polands.
potatos.
Perhaps of all new varieties of seeds
that have been introduced, none has done that have been introduced, none has done
more good than the spreal of the new varieties of potatoes. They appear to
have undergone a wonderful unprovemen just at the time we needed it, as the old varieties began to fail. The excellent rieties quite astonished all those that pro
cured them. The Rose aud Goodrich varieties have done us a good turn ; they have been the early varieties. The Peer rapidly gaining favor; it is spoken of in the highest terms as regards quality, and
we know they are productive enough. The we know they are productive ennugh. The
Willard Seedlings are also in favor with some ; they are of good quality, the skin
red in color, and are a yery hardy variety The Climax is an early variety, and many speak highly of then. The Excelsior vapotatoe. They are both of good quality we find them a really good potatoe. The
great $\$ .50$ potatoe, the Bressee's-King of able as many of the above varieties. The certainly attain a very quick and earl growth, perhaps the quickest of any, bu
with us the quality not been first-class, and the crop not and know how they answer in your local tics. You should have the above-named
varieties if youl have nut yet them.

Thanks to Our Patrons aud supporters.
We thank you for the prompt manner
which you have renewed your subscrip ions to your Advocate. We never fel before; your numerons approving and sa isfartory letters prompt us to increased ex-
ertion in vour behalf, and we hope and hemition in your behalf, and we hope and believe we shal be able to give you a bette se intend to advocate have yet had well as our abilities will permit, and hope, by the aid of our already numerous cor-
respondence, to which we wish to add many more of your names, to make this paper not noly profitable, useful, and am-
using to all that take it, but an actual and oue that every farmer will look on as

## Farmers' Clubs.

There are very few in the country, in We sive the following very practical addresses that were delivered at The Dar-
lington Farmer's C'lul. We would reings from any of the local papets, whet any really good useful discussions are hedld
that are of general interest. We receive hundreds of papers that we never open, so the mere sending a newspaper might not put one cent on it, and mark it "printer"
copy." This will also pay for manuscrip
that is for publication, if marked "prin-
ter's copy," but if a business letter should ber's copy," but if a business letter should paid at double the usual rates!-
darlington parmer's club The club met on the lst Dec. Mr. G
Start read the following essay on the man ement, and care of Sheep
Mr. President and Gentlemen, - I fee duce a subject of so much importance namely, the care and management of shee -and as it is the first time that I ever at tempted to bring auy thing before the and that briefly. In glancing back ove some 26 or 27 years we cannot but notice
the marked improvement in this depart the marked improvement in this depart-
ment. A run at the straw stack, and a ment. A run at the straw stack, and a
hole under the barn, were considered sufficient accommodation for the flocks during the long winter, and the results were as
might be expected : in the ensuing fall, When the sheep were considered fit tor the the case may be, would be driven to mar ket and sold for about $\$ 2$ or $\$ 2.50$ for the lot. And then, sir, the boys and dogs of
the village would be called together drive the poor affrighted creatures into the slaughter house, and perhaps the instrument of death would hee a rusty broadaxe and at a stroke its head would be severe
from its body. These, sir, were scenes no uncommon in the days not long ago. But we rejoice in the fact that to day our flock are better provided for, and the farmer ha The first thin wo sull The first thing we shall consider is the watchful cye should be kept over the flock during the months of October and November, and if any are unusually tender, we in any are weak from other causes, remove them into another apartment, and feed a iew oats once or twice a day,-but find etting dry; but all tlocks are more ore uliject to ticks; and where they are found in large numbers they will greatly impor relieved of them the batter relieved of them the better. we have soap, and found it to answer the purpose;
but of late we have used Miller's Tick Destroyer, and would recommend it. It rections how to use it.
The next thing we shall consider is, heir winter quarters. And here, sir, by you a plan of my own for a sheep house which I think is somewhat convenient and not very expensive. Say we winter over
40 or 45 slleep, a building $28 \times 50$ will be sufficiently large to accommodate that Allow eiwht feet between the floors, and that will afford a good loft above. Wc will say for convenienco the building runs a door-here we enter the feed walk, three feet wide, which runs through the entire
building, boarded up say three feet high. building, woarded up say three feet high.
On either sile we fix our racks for feeding. In the first place we would set down a few plank on the tolp, bore the plank on the unside eige with $1 \frac{1}{4}$ inchaugur, 4 inche
apart from ceutre to apart bore a strip $1 \frac{1}{\text { inches inche by }} 3$ in tuches
bars
for the top; this, with a few stays on the top, makes a very good rack. On the out side edge of the plank below nail a board, allowing it to come two inches above the
upper cege; this forms a good manger for feeding turnips, grain or salt when requir
ed; it also receives the droppings from ed; it also receives the droppings from wasted.
shonll be four apartments at least; a fe hurdles will divide it at your pleasure.flocks the better they will thrive. W would have an open yard at the east, ex
tending around the south side and a par
of the west end. A few hurdles will di-
vide it, so that a yard will be attached to each apartment, yo which the flock should have access at all times except when tormy.
As to the quality of food, it can best be determined when wo see the condition of fur flock. but we would say at least,
fittle clover morning aud evening, urnips at noon, and as much pea straw as you please through the day. We will find
it we watch the flock when feeding, that we watch the flock when feeding, that beaten back, and after being driven back few times, fail to come to their feed.These should be removed, with the weakest of the flock, to an apartment to them-
selves ; this can readily be accomplished -by going through a small door at the nd of the walk. They will require a ittle more care. Perhaps a few oats once day will make the with the rest Wa would recommend in the spring, as hould be removed to an apartment to hemselves; where they, for a few days at
cast, should be fed often with' a fow tur cast, should be fed often with a fow turnos, a iew oats, or a little bran, nicely ncrease and enrich the milk, and le a reat benefit to the lambs as well as the wes. Should we desire to bring the lambs on early for the buteher, just allow and out at their leisure, and foed them a iittle peas or cornmeal; they will soon ind out what it means, and it will help hem amazingly. Castration in some cases ed to when young, we should say when wo weeks old. It can then be accomlisssed reafering to the animal and with ner treatment, I leave that untouched for the present; and fearing lest I should beAnd now, sire, we are are no borrowed we are face to face; these thoughts on the subject, therefore they will bear qualifying. We invite free discussion on theee and neher points, and
hope they will be a benefit. Now, Mr. President, having in a few words faintly ntroduced this subject, by your permision, sir, I will take my seat
The subject being thus orened for discussion, each speaker gave Mr. Start cere-
dit for the phain practical way in which he had placed the subject before them.important points were ventilated. Among others, the fact that great losecs were often from ewes having dead or inverted lambs, It was argued that cases of this kind generally arose from causes entirely under the
shepherd's control ; and where proper care was taken, cases of this kind were comparatively rare. Where sheep are allowed to run in the same yard with cattle, to be
tossed about on their horns at will; where they go in and ont at a door that is allowed get jammed and struck by it nearly every time they pass ; or where attendants of till they will almost arm to frighten then sure, trouble at lambing time any coclo the Cotswolds and The relative merits of thoroughly canvassed. It was geueral vielded more wool, and at present realize higher prices for breeding purposes, stil sooner, were easier kept therefore, and thought that by crossing the two breed with each other, larger and better animal. were ubtained than from either of the prere
breeds : while others said it answered well only for the fret raile said citing instances wiere geol flocks had been ruined by the introduction of cross bred rame. Howover, it was argned that no matter how
correct it mirht be with cross hed ram where pure bred males were used cood re sults would follow crossing. The :ecessit
sibility of selling unwashed wool to the
Bownanville buyers only at the Bowmanville buyers only at the ruinoue
eductioa of one-hali the weight, instcad of one-third, as it should be, was strongly deprecated. The risk run in washing heavy fat sheep, on a warm day, in a cold tream, was considered too great, many
valuable animals having been lost in that way The next meeting of the club was held
on Friday, Dec. 29th, when the subject of
the "Horse" was introduced by Kr. C. the "EHors
W. Smith:
Mr. President ard Gentlemen, $-I$ feel
orry that a subject of so 'much importance as he "Management and Care of Horses,", was rot placed in nore able hands than miref, lut,
feeling the need of a Farmer's Ciub, I feil an farnier, interested in trying to advance the Darlingtun Faimer's Club. I cannot lay
lowna sule of management that will suit ail Lowna sule of management that will suit a
classs of horses. but will endeavour to con ine myseif tothe course I think shonld be be
ursued by the Canadian farmer with farm i.ursued

The horse above all other animals, is the should engand useful to nian; consequentWe have all noticed, with much pleasure, the pirit of many of our enterprising farmers in a Corting thorough bred stock from England improvement and vaiue of our stock; and can safely say that Canada bids fair to become 1 will row try ver briefly to consider c: re of the horse. When a colt is young, th hare shonid not be worked so as to heat tho mue mist be worked, she should be allowed w cool before the colt sucks. The oolt should be woiked, both will he better se mare nuan allowed to sun to cether at this season. The irst winter the colt should have extra care, as horse. Young horses, of any age should hav a stable large ei,ongh to allow them to stand ang cumnences they should be handled with great care and quietness, and not be whipred
or ahused for any little fault, which oiten nakes them more vicious and wild. T'hey anoul haled mated nith a first. Aod steady horse,
ar 1 he herso
is, in the front Towiships, almost the only beast of woiked. The driver should walways thy when drive his team so as to do his day's work as
easily as possible for 'the team (not for himsalf, asis tiso of
swlien injured.)
We otten see horses driven fast on the roads dicated, and then tied to a post, and allc wo sed, seldom lcok well, and such treatment ten lays the foundation of disease. Whe Friving on the roads, allow your horse to walk cool diratually. In winter they shonld be be
blarketed when they first come into the lable for a few herrs. If the stabe in is thood, hlo ough hie nixht. When so used, they feel he goid (f a blanket when standing out in
lie cold. In endeavoring to find the best and ceapest way of wintering a horse, in the
rint $T$ cownslips. where the farmer has not his tarm well tericed, are the farmer has got his rected for his use, he has very little for his horses to do on the falm during winter, and
3 the hcrse is a very great consumer of feed he farmer must endeavor to find out how he an wint:r his lorses when not working las heapy as possible and have them in good
onditicn in the spring; feeding hay and oatg very expensive feed. Cutting maxhines are great saving in feeding. Good clean very thaff is very gocd to feed occasionally, say
orce per day. rocts should be fed plentifully with it as it is very binding. A litile bran
mixed with the above named cut feed, and wet with water, makes very good fecd for 1
f bren and roots to their horses; they want more or ening soft feed than they generally et, dry hay and oats although conficidered nost, should be fed very carefully; hay especi-
ally; none but the best timothy hay should be used or they are almost sure to get the heaves
if fed on bad hay; which renders them unfit for hard work.
But allow me here to say, that it is' inpog-
sible foi me to :ay eactly how everyi person


## An Airing Trip.

 As we have been too closely confined toour office for a long time, we threw down our office for a long time, we threw down
our pen and left the talking, books and our pen and left the talking, books and assistant on Thursday, at 12 o'clock, noon, and went to the
annual meeting of the east middlesex agricultural societr, which was held in this city. The attend-
ance was somewhat larger than formerly, ance was somewhat larger than formerly,
though not half as large as it should be, Thugh not half as large as it should be. than usual, Mr. John Nixon being elected
President of the Society, and Mr. Tooley, Presidest of the Society, and Mr. Mr. L. E
M. P. P., and the late member, Mr Shipley, were nominated as members An
the Provincial Board of Agriculture. An
objection was raised against Mr. Toonley objection was raised against Mr. Tonley
on account of his being a member of Paron account of his being a member of Par-
liament; it was shown that the business liament ; it was shown that the businese
of the two sometimes clashed so as to pre vent their attendance at the meetings o the Board. A challenge was thrown out for any one to mention any act that Mr
Shipley had done or any inattention to business that would show he was not fit to hold his office, and no response was made.
A vote being taken, Mr. Tooley had the A vote being taken, Mr. Tooley had the
majority. There was a direct charge
made by one of the late office-bearers, that majority. There was a cirect charge
made by one of the late office-bearess, that
politics had been dragged into the Board, made by one of the late amice-bearers, coard
politics had been dragged into the Boate
but no attempt was made to confute the but no attempt was made to confute the
assertion; it was allowed to go unchal lenged. 'The meeting was soon over, and
lench went his way without being much each went his way without being muc
better posted on agricultural affairs, al being ready for dinner. The question sug
gested atself to us : canrot such meeting be made more useful, more cheerful, mor profitable, and attractive? We think it
would be nore beneficial if the time pre would be more beneficial if the time pre-
scribed for holding the meting was changed. It is now held at 12 o'clock
and we think it would be an improve ment if it were to be held at half-past one, as farmers generally dine about 1 'clock. There are some English farmers
n Canada, and it is said tliat hunger makes a native Englishman both cros and uneasy. They are not then in a goond plight to sit and hear remarks, or giv much information ; they want to get away
as soon as possible. Perhaps there may
be some others in the same way. If the be sone others in the same way. If the
bour should be chagged, we think the hour should be charged, we think the
afternoon might very profitably be spent n holding discussions on agricultural suk to make remarks as possible, and to have no address over 10 or 15 minutes in length.
We took the G. T. R. and went to st. mary's,
pretty little town in the count This place is celebrated for its building material, and is the furthest point west
that we are aware of, where good building stone can be procured in quantity. This towns, villages and coutrast to all other ts buildings are of stone. They hav most substantial hridges both on the rail-
way line and over the river, far surpassing any of our Western bridges, being con.-
structed apparently as if they would last structed apparently as if they would last
forever ; they are handsome structures
We would surgest ta St. Mary's to encourage the pranting evergreens and shade trees to their utmost extenit.
$W$ We we
We went on the ice to see a game first time we ever witnessed the "Roatio Game," and we saw but little of it then but to notice the intense anxiety of one
grey-headed old gentleman, with b.en in hand, was enough to make us at attached to the game. The expressinns
werc novel to nis. Oue person cries cut:
"Yon's a horg !" the "hog" bein Yons a hog !" the "hog" beiny a stone
not sent over the line in tront of the Ti'.
Then, " soop him up, soop him!" as ant. other, stine conles lazily alony, taking its
place, the ice being swept where the wi wace, the ice being swept where the player
"anted it. "Then, the order, "side wipe
this," and "fall into the T," when up comes another missing its mark, going
past and out of the grand circle. The
game is one of the most exhilarating an
healthful that can be engaged in, which hanifest from the hilarity displayed on both sides while the game is going on
and from the ruddy and healthy appear and from the ruddy and healthy appea
ance of the players, we should judge that ance of the players, we should judge that
they cannot fail to sit down to their beef they cannot fail tively spirits and sharp appetites.
The Annual Meeting of the S. PerthAg-
ricultural So'y was held the same day. 'J'his ricultural Sos'y was held the same day. 'this Society has pade it a custom for many
years po have an agricultural dinner atter years wo have an agriculturral dinner atter
the meeting, and having previously received an invitation from the Secretary to partalke of their hospitality, we did so The dinner took place at wout hare pre-
six. There were nratly hundred pre sent, consisting of the offic ers of the Society and leading farmers from the surrounding country, some of whom cane a
long distance in order to be present. The long distance in order to be present.
most famishing appetites and fastidious most ramishing apen satisfied, the cloth
palates having been
was removed. The Punch Bowl was was removed. The Punch Bowl was
then placed on the table, and all who
wished partook of the contents as often or wished partook of the cons. As succession
as seldom as they pleased.
of toasts were proposed, and different genof toasts were proposed, and different gen
tlenen were called upouto respiond. The health of the Queen being the first, it wa responded to by every one jo."
ing "God Save the Queen."
lowed the Prince of Wales, the Governo General, Our Legislators, the Board of
Agriculture, the South Perth Agricultural Agriculture, the South Perth Agricultural
Society, the Sister Societies, the Agricul Docre of, the Dominion, the Dairymen, the
Manufacturers, the Medical aud Lagal Pro fessions, the Volunteers, nad many other might occupy too m ich time and space t report every speech. We nust say it was
ne of the greatest treats we ever had one of the greatest treats we ever hav ttended. The responses to the abo toasts were made insin, infrmation, or
give either instuction, int
amusement, and smis, were interspersen musement, and smiss were interspersen
to enliven the evening. There were far hers present that are destined to adranc
beyond the mere drudgery of the farm the lawsers and doctors toasts were mos
ally and courtconsly handled. Nothing more could have beeu done than was dons Mary's to make the meeting arreeatle aut
beneticial to farmers. We fiud on enquiry that these gentlomin are the principal supporters of this anmual enston of hay
ing a dinner after the meeting. The oill cers are real active man, and we wish them
and their Sucisty every prosperity. S: may condemn the Puych Bowl at an enno injury done by it there. Excesses
were not indulcel in, and no remark was to be lieard unfit for the drawing-room. We hope yet to see the day when our
wives and daughters will atteud our agricultural meetings aud give us their ac-
counts of dairying, the cultivation flowers, and their nauagement of poiltiy itc. There is one thing to be regretted,
it is that after the officers of the Societs have taken the pains to have a social
cathering, and after the towns-people so nobly responding to the calls made upon hem for agricultura purposes, is at excellent faming section, and the furmers
are weaithy. They would gain more enare weaithy. They would gain more en-
lightening, elevating and rail useful information at such i gathering tian they
would gain in many years, in fact nered gain, by staying a a ay. We venture t. say
that no farmer that attended this meeting but would say that he was greatly beme-
fitted by it and that to a tent than the shere loss of time or money Such mecting are the places where our
requirenents are made known, where immocments are sugrested. It only one into some ear that will appreciate it, and
if the seed is sown the frit will follow.
We say to each of you : We say to each of you: endeavor to have
an agricultural gathering of some kind
luriug the year, and induce as many to speak as possible.

We left St. Mary's the following mornslight incident at Stratford caused us to proceed direct to
Desiring to Toronto.
Desiring to see the Minister of Agri-
culture, we went to the Parliament Buildculture, we went to the Parliament Build-
ings. The House was not to meet until
3 o'clock: the Minister 3 o'clock; the Minister of Agriculture
wass absent at the time. We returned to was absent at the time. We returned to
the buidings before the appointed time, the buididug before the appointed time,
but wo were not fortunate enough to obtain a few moments' conversation with him. The Speaker took the Chair at 3 tion was the subject of discussion The House adjourned at six, when
we proceded to the floor and had a we proceeded to the floor and had a
few noments couversation with the Hon. A. McKellar, Minister of Agriculture We were treated with respect, but dir not
receive any remark of encouragement or disparagement. We learned from him and other members that it was the intention
of the Government to carry on the Mimico Farm. The College buildings had been contracted for by the former Government at $\$ 45000$, but this does not include the outbuildings. We were not certain, from
hints thrown out, whether this establish ment would at present be abandoned or
not. The House re-assembled at half-past 7. M. C. Cameron, the leader of the Opposi-
tion, continued a vigorous onslaught in the members of the present Ministry The results of course you will all know from the political papers, which will be
published two weeks before you get this published two weeks befor,
article we are now writing.
ane
article we are now writing. Saturday, we visitei the seed and implement warerooms and the printing establishments, to obtain information that might be of ser--
vice to our readers. We should disgust you if we gave too many of our ideas
iin one paper. We took the noon train and stayed a few hours in

The Agricultural Society had held their aunual meeting just before our arrival, but
 one of the leadiug agriculturists of GanProvincial Exliibition from going toOttawa at a time when it woudd have been against
the interests and wishles of the inhabitauts of Ontario. We conversed with him on the future prospects of our agricultural affairs. He palliated the great Minico with it : would let the Provincial Exhibition pass as one of the things to be; would strengthen and support our divisional Ex-
liibitions; let the Township Exhibitions die out, and have one great Exhibition once in 4 or 5 years, to continue for or 3
months. We do not acree with him in all his ideas. We know that the cities have the power : that might is too often con-
sidered right : that nearly every farmer within a radius of 15 miles of a city or
main centre of holdiny these Exhibitions would support the views of Mr. Stock, in cudeavorng to centre the interest in these
different loculities. The leading men ditterent onctities. The lading men
of the country live within such a distance of some place that is or will be one of these centres. But by far the majority of
farmers do not come within this radius, farmers do not come within this radius,
and for them we still upholl the township exhin,tions. This seprescintation of agricultural interests by population is inot
right. The inliahitants ot the cities are numerous, and know or care very little centre ; they can yote and carry measures thet are injurious to the agricultural interests of the distant parts of the country, To prevent the false representation that now dists, we would siggest that no person
who is not an occupicr and cultivator of at who is not an occupicr and cultivator of a
least 25 anre of lanl and has not obtained his support from the cultivation of the soil, should be allowed to vote on our agri-
cultural affairs. The country slould b represented as well as the city. The coun
try pays money is $t$ up cities the Agric mental Fa the farme was estar tical pur
talk
tat talk that
mere gil
it is not mere gil
it is not
to the fal to the fa
probably than th dare den What
Technic
Farm a Farm an
late mi
House House
like to Sand-fi our idea
n the fo versation with
the Chair at ttawa) accusa-
of discussion. or and had a
or an and
with the f Agricultur
ect, but did n ouragement or
d from him and the intention
on the Mimico lings had be not include th abandoned or at half-past 7.
of the Opposiof the Oppo will all know
which will be which wil be
re you get this iplement waretablishments, to
isht be of seright be of ser--
We should dis-
dit any of our ideas
the noon train
y had held their
e our arrival, but bers. We had a
Mr. Thos. Stock Iturists of can
at prevented th ave been against sed with him on
our agricultural he great MSimion
entirely
satisfied
and ings to be; would
ur divisional Ex ship Exhibitions
great Exhibition ontinue for 2 or 3
se with him in all at the cities have
is too often conlly every farmer
les of a city or these Exhibitions
of Mr. Stock, in interest in thes
he leading men n such a distance
will be one Ir the majority
itlin this radius mild the township
sontation of a opulation is in -ate very littl agricultural inter-
$s$ of the country cities principally.
presentation that fest that no person dhas not obtained
ultivation of the vote on our agri-
ountry shlould be ecity. The coun
try pays the heaviest taxes by far, and the
money is too often expended in building up cities at the country's expense. This Technical School and the great Elephantthe Agricultural College, Test and Experi mental Farm-etc., were nevergo up for
the farmer. We know too well what we
speak, and bid defiance to confutation. It speak, and bid defiance to confutation. It
was established for city interests and political purposes, and all the fine agricultural mere gilded delusion. We do not say that mere not possible to make it of some value
to the farmers, but we say the injury most probably will be a huudred times greater
than the benefit. It was established to trample down private enterprise. dare deny this assertion
What farmer ever asked for either the Farm and College? Which member of the late ministry carried this through the
House or suggested it? We would just like to know if it was John A's., or John it was origimated and what for. We have our ideas about it, and we represent
n the following cut. More anon!


The absurd idea of trampling out agricultural information by a double tax on agricultural papers, and a quadrest show to every farmer how the cat jumped. If 26
members of parliament residing in Toronto members of parliament residing in Toronto fit and amusement of themselves, they are
welcome to do so; but do not attempt to charge the farmers with the keep of the beast, and say it is for their 600 acres of
poor, worn out scrub land, filled with Canada thistles, no water, $\$ 75$ per acre, off a branch of railway-a lright com-
mencement. "That's the way the money goes, pop goes the weasel.
Back at our office at 10 on Saturday night. At 1 .
airing trip!

## Canadian Politics.

Sir.-- I am pleased with the general
tone of your paper, and am persuaded your tosire is to promote the welfare of the far years, wasked of our present Government
that farmers may have equal rights with other classes of the community." At the bate little of a Government gets nothing. It is quite possible that a community of a large influence could be bronght to bear tion. It is perfectly underitood that the agricultural class in Canada is the only
one left unprovided for. It is well known hat at the time of the Confederatio there was au attempt to levy a duty on
bread, llour and pork, but the Eastern Provinces would not submit to a tax on
these articles, and it was repealed. The same result followed with coal, and the
duty on salt is of very little beuefit to the manufacturers so long as Liverpool salt is admitted free. And then a free
trade in coal oil and salt with the States would benefit these industries more than wool, cotton, leather, harness, cabinet ware, agricultural implements, and almos every interest but the farmers is pro
tected now. It is well known that we cannot put a tariff in our favor agains imports; we are sellers and not buyers The farming class represent 80 per cent.
of the population, and they must compet of the population, and they must compet
with all importers for the benefit of thos with all importers for the benefit of those
who are unwilling to advocate any policy
that can be of service to us. We notice
that a Mr. Rebert Wilkes, of Toronto, advocates in the session of the Board of
Trade, sitting in Ottawa, a special land trade, sithing in ominiou Government. "Can it be possible that any good thing can
come out of Toronto ?" is a question which has been decided in the negative long ago but why Mr. Wilkes wishes to add a new burden without an equivalent benefiti
yet to be decided.
But Mr. Wilkes and yis stamp will bear a most industriou watching.
1 regret
1 regret that your paper is limited to a
monthly; Monthly; we get rusty in four weeks,
There is great need of a live farmers paper and we wish you may step in whe
the waters are troubled. Yours,
M. W. Brown. Paris, Jan., 1872.
We are highly pleased that our remarks
re finding responses, and we consider the above one of the most valuable of them. It should awaken every farmer of the country to a sense of duty to his callins
aud every farmer should endeavor lto throw off the chain of city oppression c have just rights to maintain, and we very legitimate means to obtain an maintain them, and which we never shal them. Aro we men, or do we belong to
the cither of the subjects shown in the Dae If we are meu let us be up and doing.
You will have another election before long, and let every firmer cast his vote for an agricillturist. There are Loo many
city representatives. in the Legislative halls now. Your rights must be maintained by sending agriculturists to coun terbalance the weight that the city in
fluences bring to bear. Never mind about party; vote for the real, plain farmer,
that gets his living from the soil. Of course, flowing, studied, prepared speeches,
filled with anecdotes aud repartees, which are often the productions of close application and a systenatic training, are apt to
catch the farmers and draw the wool over catch the farmers am draw the wool over their eyes. Wie the practised elocutionist. Send more farmers to both houses of Parliament.
To the Hon. A. McKellar, Minister of
We farmers are pronounced a grumbling lot of ignorant beings, nevertheless, we about many things. Of course we do no expect to receive all we may ask for, no
do we ever expect to cease complaining. However, it is our intention
let our voice he heard as long as we can in every instance where the farmin made.
As you now have considerable influence oice will he heard by those wholipe your rol of the affairs of the Dominion. We law which tends to our injury. We mea the postage on agricultural p
agricultural seeds and plant
agriculturableeds and plants. We humbly request that you will use your influence to have the postage on agricaltural papers reduced frem 1 cent each to $\frac{1}{2}$ a
cent each,and that the postage may be pre paid either by the publisher or recciver of the paper. We wish it to be distinctly cultural papers be allowed to pass free of postage, as such an act would be made
handle of at elections by saying, "What had been done for the faimers?"' We ar able and willing to pay our expenses, and we only ask for what is fair, just an
honest. We do not think it right that political paper should be allowed to pas poincough the post office at half the rat charged an agricultural publication, an the former not even prepaid
$\qquad$ by post at 4 cts. per pound, that being the
rate now charged for other mail matte
paid atthe rate of 16 cts. per pound, Cur times more than they should be.
Your early attention to the above wil be looked upon as a favor by the farmer Yours respectfully,
The Farmer's Advocat

## Breeders' Colamn

We purpose keeping a column in our of thorongh-bred stock of all kinds, ani we shall be happy to receeve auy com
munications of thorough-bred stock bought or sold, together with any particulars as hat will interest other breeders. It is our belief that there are among our sub scribers a sufficient number of those interested in breeding pure bred stock, to ren er our breeders collomu a sucless, es here has been in the value of pure bred cattle the last year or two. our earuest
hope is that the breeders. will keep it hope is that the breeders will keep
filled by sending in useful items and acto all.
The
The 19th volume of the English Short Horn Herd Book is issued, containing
the pedigrees of 2500 bulls and 2900 cows; and to show the interest which the edu-
and cated and highest ranks of society in the old country take in Short Horns, we note Lords among the English breeders, while the Queen lierself heads the list with an entry of 40 animals from her Windso" farm. How many of the "Upper Ten
are there in Canada who follow such a good example ? we fear they are too busy trying to euchre one another in railways
and politics to care about the agricultural to the Herd Book-American bied cattle appear to lie highly esteemed. There are
notraits of "gth Duke of Geneva" and "Mimtraits of""sth Duke of Geneva" and Sheldon and exported to England. Bates Slood is the monst fashionable, to judge by
ble brated animals in the volume, 10 of them are of the Duchess and oxford tribes, and
we read that at the sale of some of the
Duke of Devonshire's herd last fall, 8 animals of the "Oxford" tribe sold for an average of $\$ 3000$ each, this being the
highest record of any auction sale, while 2 of the bulls sold for $\$ 5000$ each.
thorough breeding.
Professor Agassiz lately stated a fact
which breeders of all stock should never forget nor undervalue, when he said that "no offspring is simply the offspring of its father or mother, it is also, at the same time, the offspring of toth sides ;" and we would impress upon our breeders that this principle of the liability to reproduce ancestral characteristics and granddam. Our yond the grandsire and grandatin noticed
old breeders must have frequently a pecul:arity of some ancestor brought out in the offsiping, and that the points of the ancestors of the sire or dam are almost as likely to appear again in the offspring as those of the immediate parents, in whom they lie dormant, and are circunstance of one parent happening to be in a very vigorous condition at the time of impregnation, or the strain of blood in the sire happening to nick with the sam strain in the progeniturs of the maxim that like produces like or the likeness of some ancestor."
The law of Nature in breeding is sup
posed to be: "the dam gives the whole of the nutritive organs," and "the sire Thus a cow that has a disposition to fatten easily will produce calves of similar ten dency, and a bull which displays musce
spirit and temper will be likely to produce calves of the same character. And again, calves of the same character. Aenerally be the hereditary powers wil generaly the
found best calculated to do that which the parent through 8
$\left\lvert\, \begin{aligned} & \text { have done; "generally", it is said-not } \\ & \text { "always"-for often the other parent will }\end{aligned}\right.$ often the other parent will this accounts for some cows breeding such good calves to one bull and inferior calves a hetter looking sire.
The result of the foregoing experiences breeding appears to authorize the rule
hat in choosing a bull it is better, if posthat in choosing a buil it is better, if posseen, and can judge if he has strength of
haracter and blood sufficient to stamp his haracter and blood sufficient to stamp his
keness on his calves' instead of taking the risk of an untried animal; also, in choosing a bull you should study his pedi-
Tree and ancestors, for a poor looking bull gree and ancestors, for a poor looking bull
who comes of first-class ancestors on both wides, will be far more likely to get good alves than a prize bull whose ancestors were nothing above the average. This
explaius the disappointment which sometimes happens when breeding from prize animals, who, though very good in themselves, have no remarkable ancestors in
heir pedigree to concentrate in them the capability of transmitting their own good qualities to their calves.
We hear that George Millar's Sale was good one, prices ruling higher than usual.
Short Horns sold for $\$ 150$ to $\$ 1500$; we believe Mr. Thompson, of Whitby, was an extensive purchaser. It is reported tha,
Geo. Brown has purchased Major Gregg' heo. Brown has pu That noted Breeder, Mr. Snell, of Ed-
monton, has sold his prize Bull, "Louden Duke," to go to Virginia; we have. no
donbt but that he will head many a prize ing there.
Even the Japanese are at last going into have bought from Mr. Pickrell of Illinois, a bull and 3 cows at very high prices, for shipment to Japan, They have also
oought South Down Sheep and Berkshire igs.
We beg to call attention to the adverlid stock-getter," "Hell Duke of Oxford," noted for getting prize stock. Colonel aylor informs us he would not part with he bull, but that he has lately bought as
pure bred ${ }^{\text {Bates bull to breed with his }}$ Bates cows; we hear he paid a very high rice for his new bun, which is the only one the breed
Send us brief accounts for this columm.

## american Postage

We are highly pleased to see the Country
entleman taking up this most absurd and Gentleman taking up this most absurd and anjust reguation that exise have continually
ed Stater and Canda. We haver
complainel to our ruling authorities, but to no
 purpose. tranecat business with the Americans.
pary
The Americans do not know the absurd restric-
 pay 10 cents on receiving it. We are continu
ally in receipt of tetters on which 6 cents hal
been paid, yet we have to pay 20 cents.
On pamphlets and circulars it is even worse; for
nstance, to-day we receive per parcel $p$.st on
 to pay 15 cents more. This unreasonable law
coots un about $\$ 5$ per month more than it should
Who do if fair play could be obtained.
the credit of all hose get
those obliterated stamps
that are not accepted as payment for postage? The
povernment of either country will destroy them government or e end y yet sive no credit for them.
for future une,
We hope this affair will be looked into, and the cause of complaint removed. No one can deny
that intercourse is beneficial to, obot. Thert
necessity for this unreasonable, senselese ho necessity for this un
and injurious obstruction.
Tu OUR Correspondents IN THE Tates.- In sending letters to Canada the
postage should be prepaid in full. If only one stamp is placed on a letter, we have to pay ten cents in gold and the stamp is
lost ; sometimes we have to pay 20 cts .

To E. C. Spinner, Esq., Sec'y M. S. but it was too late for this issue, or it but it was too late for thit
would have been inserted.

FARMER'S ADVOCATE.

$\underset{G}{\text { barl }}$
torty-five lbe. Both kinds have been somewha
injureid by the . Inne frosts.
Blisir, Decer 26th, 1871.
nox-sectarin.

Sis, -My daughter has succeeded in geting
up a club lor your paper, which I now send

 Lendon $\mathrm{T}_{\mathrm{p}, \text {, Jan' } \mathrm{y}, 1872}$
We do not wish to interfere with your
creels or politics. This paper has been ess creets or politics. This paper has been esour desire is to maintain the farmers ${ }^{2}$ interests as a class, and leave party and sect terests as a a class,
to other teachers.
$\qquad$
STr, -I got three kinds of peed oats from you
Iast spring, the Norway New Brunswick, and
 eriny the dry geagon, The Norways were
mixture of three kinds. The Emporium oats






'oneling wheat, btc.
 ceived from you last spring; they yieded ns
follows: From the two pecks of NicCaring








## GOOD WORDS.

Sin - Your neent called on me about a year

 papers. He did fnally gend me a few of your
papers.
I now send you si.50 for the patit and

 pers $I$ ererer read 1 wish you all the succoss

complamentary.

 rights,
senscriptions.
Sip, - I send you two dollars to pay for the
Advocete for this and the ensuing year.
and

Sir, - Enclosed you will find
 Brantford, Dec'r 23rd, 1871, ${ }^{\text {Gro. SAEE, }}$

##  $\mathrm{Sri},-\mathrm{We}$ are tion with the  Huleth, Decr 23red, i871. <br> Sirs-Acept my sincore good wishes for in Creased ducecess in your und rery happy one to Son and yourar

## HORTICULTURE.

plant trebs.
Plant trees of maple, spricice and pine, Plant trees around and in a line; Plant treess.oftimes, from year to year;
Plait trees or beauty and for shade, Plant treess for what the trees were made; Plant trees of cedar straight and talll
Plaint
Pat the
${ }_{c}^{\text {Pum }}$
${ }_{\substack{\text { Pla } \\ \text { Pla }}}$

| Plan |
| :---: |
| Pann |
| Pan |

Plan
Plan
Pan
Pan
$\substack{\text { Pla } \\ \text { Pha } \\ \text { Pan }}$


## $\underset{\substack{\text { Plam } \\ \text { Pha } \\ \text { Phe } \\ \text { Pa }}}{ }$ <br> ${ }_{P}^{\text {Pla }}$

> Ne
how to prune grape vines.
Sin,--Having resided in Canaia, my adopted
country, for IU years, and haviny ben eneared in the cultivation and propagation of the the vine
for moret than 20 for more than 2 years, consider in very de
sirable to express my firm conviction that if the
cult cultivation of the grape and the marufacture
of wine of wine was more laryely enyaged in, it would
be attended with good results and prove of im
mesurable benefit in a commiercial point to measurable benefit in a comniercial point to
this country of ours. I am persuaded that the success of vine culture depends altogether on
the eprfect knowledge of the art of pruning.
I am sure I am sure that if the Minister of Agriculture
were to appoint earnest, honest, and practical
vine vinerians to go to each municii, $\left.\begin{array}{l}\text { lity and give } \\ \text { practical lo formatical }\end{array}\right]$ practicali information through the rour seasons
of pruning, it would prove of great benefit to
the people and the people and a bource of preat wealth to the
country at large; and I think the government
would be found wanting in its duty to the ple if it refus's to encourage such commencia
and and local prosperity.
A few hints regar
vine may prove aceeptable. The cultivation of the th
lowed to prun wild, will expend itself in
lo lowell to run wild, wiill expend ditself in wor
and branches $;$, er, if kept too low ond short, $i$
will produce the same effectr. I I
 in ringing or pinching vines, as is so commonly
practiced. The only means of getting healthy
vines and vines and plenty of fruit from vinese that will
be always improving, is to prune as follows:be always improving, is to prune as follows:-
CVery grape vine roquires four prunings every
yeary; 1st, to thorter all leaders back to one Year; , st, to shorten all leaders back to on
joint anove the last bunch of fruit, leave
leaf on it and one at every joint on the leade leaf on it and one at every trint on some of the
where there is space, and train in some
longest leader. There are three kind of leader on all grape vines after they are thiree years
old geverything that comes from the old wood
in old; everything that comes fron the of woor
is a leader. The fruitful ones must be short
ened as abo ened leaver beyond the fruit; the two strongest
or
fruitless leaders to be trained fruitiess leaders to be trained in to fill space or
extend the inine; the three inferion leaders must
be rubbed off be rubbed off, No grape vine should be al
lowed to extend by laterals ; this should lowed to extend by laterals; this should be
done about the middle of June The second
pruning is to horten back the Laterals to one pruning is to shorten back the laterals to one
j, int frum the leader, leaving a leaf on it
This is hee touched the fill spur, but the haterale must not have made 6 or 7 leaves
from the leater from the leader. This is done about the mid
dle of July. The third pruning is to shorte all second laterals back to one joint from the
first spur ; this is the second or double spur
, first spur; this is the second or double spur.
Leave a leat on it, and one at every joint. The
tecond lateral must not be cut until it has fecond lateral must not be cut until it has
made 6 or leaves from the first spur This is
done about the middle of August. The fourt or winter pruning is to shorton all leaders lart $\begin{aligned} & \text { tock } \\ & \text { to a strong bud and }\end{aligned}$ to a strong bud and take off spurs, tendrilis
deaa wood and old bark. This is done from
November to March. The tendrils should November to March. The tendrils should
never be taken of until the fall after the vine
has been winter-pruned. There are only gix it, of wihich thereruare. two kinds, the any annual,
which is the fruitful, and the per-annual, which is fruitless.
Westminater, Jan'y, 1872.
We do not coinoide with our Westmin
pecially in regard to his vine-culture
policy, or with his instructions as mode of pruning. We leave it to the the
to condemn or to condemn or approve. We wish
to encourage all rorrespondents that give auy information, and as our
paper is read by G. Leslie and other paper is read by G. Leslie and other nur hope they may correct anything they amiss in the above, or any other remarka in this paper.

## THE FALM

what i enow about parming. SIR,-Yon call for farmers to write for your
paper. N Nw, I am bound to make a pooon or spoil a horn. Perh aps you would like to know
a ittle about your correspondent: ite not a iittie about your correspondent; its not much
to know at any rate. Ten years aso my bro.
ther and I commenced to farm, I being my years ther and I commenced to farm, I being 16 year
of ane, nd my brother 5 years older. We wai of age, fnd my brother 5 years older. We had
not acent to coll our own, but vur mother, who
kept house for us, had some stock
 ments. It was a hard farm; we have just sold
it-110 acres for 82600 After ten yearo of
hard work we made a good many improve. hard work we made a good many improve.
ments. We borrowed sbod from our eldeat
brother when we commenced, and had \$1800 to ments. We borrowed $\$ 600$ from our eldeat
brother when we commenced, and had $\$ 1800$ to
pay on the place besides some other deb . The. pay on the place besides some other deb s. The.
most of our neighoors laughed at no boys, and
old men said we would soon he sold wut. It was not very good encouragement, the wet.
worked and took some papers, among the rest. worked and took some papers, among the rest,
the old Ceresee Farmer, from, whose pagee we
wee received good, sound advice ; we read and,
rlanned to see how we could meet all demandi, a very easy thing to do when you have plenty
to work on. How careful of every little thing we had to be to turn it to account. I tell you
us bors had not buch dress and finery as somes boys have now, but we conquered and paid all
after ten longyears of tight wanangement and
hard work, with $8 \mathbf{j 0 0}$ in hand. We wished to after ten long years of tight management and
hard work, with 8000 in hand $W e$ wished to
purchase a better farm, as the one we had wo purchase a better farm, as the one we had was
very hard and rocky. We sold it as above
stated and purchased a good farm for $\$ 3000$, stated and purchased a good farm for $\$ 3000$,
paying $\$ 300$ down, and having ten years
pay the remaining 82200 at 6 per cent interest. pay the remaining 820200 at 6 per cent interest.
Wo have now two team of torses, a yoke of
oxen and other stock, besides other things in oxen and oth
proportion
If you like
If you like to print this you can; ${ }^{\circ}$ it may do
some other boys good. If not, don't print it. I will other boys good. If not, don't print it.
this in ive freme so you will know who
iticles. but will use another name to my Suggested Items, No. 1.-New Year's is the
time f.r the farmer to look over his accounts nd see what he has done during the past year.
take it for granted he keeps an account of all etuors and whis or that corsts him, as well as what or the farmer to know what is profitalle and what is not profitable, without his account ooks, but not with the returns set down and
the costs left out. Set oun your costs the
the same as your
 or the potatoes. Keep some for hrme use at market price, see what your crop amounts to,
and you will boon bee how mich you nade or
lost by it. But surely no farmer would work his poatoes so poorly as to lose, unless some-
thing over which he has no control destroys
is crop. Now is the time for the is crop. Now is the time for the farmer to lay
plans for the summer's campaign. Get rails for fencing; your fence will want straighten.
ing and, when you are fencing, make your
field square, as you will save lat my Clu square, as you will save land by having ow much better they are to look at. Get up
oour sum Your summer supply of fire-wood, and split and
pile it up in the woodshed If y you have ro
woodshed is tis time you had one; your wife
will bles you for is woodshed it is time you had one; your wife
will besyou for it. It costs something to
build one but not as much os your tobaco. It build one, but not as much as your tobacco. It
need not be an expensive house ; culled lumber fiom any of the mills will be better than none, and a piece of an old roof leaned against the
kitchen with one length of woud built up at We are cutting saw l'sg now, and the ground being hard with no nnow, we can move easily man the late owner of this farm was, but he
has left a great quantity of out down and fallen
timber going to waste. We have cut over 100 orss of good sound timber, end have have bever eses at
last 500 cord of pine wod past 500 cords of pine wood to cut. worth $\$ 2.50$
per cord in Dundas, $8!$ miles distant. Sup. posing it cost 50c. per cord to cut and split,
that would be $\$ 250$, then, hauning at 81 per
cord, $\$ 500$, amounting to 8750 , and still leaving 500 , All this was ging to waste without hav ing a hand put to it. But instead of paying $\$ 1$
per cord in cash for hauling, we intend hauling
i. with two teamis of with two teams of our own in winter, and it
will not take much more to feed the teams



Sur,
Peerless
Po
Po
old, saud on old, sauc on a light
I dug 42 bu
potatues potatues pl:
sane qualit
used. The whole piec the quantit
planted ou
bushels. planted on
bushels.
alongside alongside
seed and c
gave the w gave the w
only duy 3
are the be are the be
only yield
had sone
bushel and potatoes,
tines and
the Ithirk
by the se
McCarlin




Flower sceds.
In arrother part of this paper we have showu that no establishments for the ex press purpose of dealing in the main staple
cereals for seed are to be found. On the other hand. every little town has one or
more persons who are making a living more persons who are making a living
profit on small seeds and plants for the garden, the window and the lawn; and in each city large establishments are profitably supported by the lovers of beauty.--
Our government erected a Seed Wareroom Our government erected a Seed Wareroom
and Arcultural Hall for Farmers, but it has descended from what it was intended
Perlaps the largest Seed estallishmen in the world is James Vick's of Rochester He has, by dint of energy and persever
ance, pushed his husiness over the whole of this coutinent, and even into foreign countries. His seeds, so far as our expe choce with them goes, have been found ible to many of oir readers, that his ex8100,000 and sertising alone cost between expenselis paid by the lovers of the beauturn thy those who are endeavoring to and tears, to a terrestial paradise. W - far more good than some thousands of
would-be preachers or teathen el. His sermons are to be sepn all ove

the continent, in or ahout every comfort alle home. and are daily and hourly scen-
Theie is a greater and more forcible sermon to be impressed upon the forcinde berstages, than from the best serman its ever heard. Have you ever lonked in one and it will do you much yoorl. Mr. Vick sends out 200,000 Catalogues, most extensively and beautifully illustrated. He gives them to
his customers, and sells them 10 cents-about a fourth of its cost offeeel them to our Subscribers at $12 \frac{1}{3}$ cts, but find that we have to pay 9 cents posit-
age if we get them from the States by
mail ; so we get them age if we get them from the States by
mail ; so we get them loy express and pay

duty ; then we have to put 6 cents them, to pay postage to our subscriber
that wish for them ; thercfore we have 20 cents for them in future. We
recommend each of our lady readers to send for one. We guarantee that you wi handsomely illustrated Catalogue. W only do this to accommodate our subscrihers, as we shall not make one cent on Mr. V mo-lithograph had some beautiful chro supplies at cost. They are really heauti parlors The finaments for any of your seen such handsome of you have never honld by all means embrace this nng orname to sure such beautiful and pleaspictures appear to us to be fully equal to many of those that you would have to pa W $\$ 3$ to $\$ 5$ each for.
We here give you a few small cuts showcxpense of getting up one of these pic tures would cost a good Canadian firm. We make the selection of the two marke
for prizes, as we consider them the best They make a handsome pair, and all th improvements in art of the present day has been displayed in producing them.inches each, which makes a large, hand some picture. We will cither sive them
as prizes for getting up Clubs, or will sell

them to subscribers. As we lave to duty, express charges and postage, we wail $\$ 2.50$, or a single one at $\$ 1.25$.
We recommend these pictures to any of ment your bed-room or living room with , something that will always be pleasing.furtheree that you will be satisfied : and these pictures you, if when you have seen them to us at once, and we satisfied, return money. Take our advice, and see if we are false or true. Procure the pictures sive than the fling, pleasant and less expen durable. You will not regret sending for them. Get up a club of five and have one
if you cannot get both. The two we have selected are the best made, and remember only $\$ 1$ for 5 subscribers. These pictures
are guaranteed to give you satisfaction; for only 5 new subseribers to the Advo. cate, at \$1 each. The picture alone is
worth the money in any house bames of the flowers are sent and an index given.

AT Whos misk SIR,-Will youn please mention in the AD.
Yootr if there is any danger of the money
letters going astray, and if so at who's risk? Yours trilly,
Cale, P. O., Jaia. 9. D. McDoraald.
[Money is at our risk if sent in registered letters. Large sums should be sent by
P. O. order or through the Bank.]-ED.
simpson's cattle spice. cured from you. I had previously used DroSyice I find by farcell's, but Siurpson's Cattle
She best. It inproved one of hy hores in two weeks. to such an ex-
tent that I coild have sold him for $\$ 50$ more
than I could previcus to uing it than could previons to $n$-ing it. I recom:
mend it as a real first clasis anticle. STrwart,

Sir,-As you requeste me to give an acrom of the product of the seeds I procured
rom you last, $I$ will now do so. The King of Earlies, 4 oz. ( 4 thibers, one of which did not
grow, made 9 hills, yield, 34 lits.; Climat row), made 9 hills, yield, 34 lhs.; Climax,
oz seed, 12 hilis yield, 30 lbs ; Bree.e's 02. seed, 12 hilis yield, 30 lbs ; Breeses's
Prolific, 4 (oz, secd, 7 hills, yield, 24 Ibs; Wil-
ard's Seedling, lard's Seedling, 5 oz seed (ball rotted before
plauting), yield, 12 lbs , from 6 hills. I discovcled among my Early Goderich potatoes when hanting hast apring one red tuiver with all the vich grew alougside of Worcesters, and I think it might be a cross or hybrid from them. I about hali a dozen white tubers mixed with Shem. The red tubers resemble the Willard's cult to separate thein if mixed. 1 also found few white tuLers anmung the Willard's Seed-
ling. I aun well pleased with the seed received from you. The Barly Rose done the best bushel, and cann sell all I liave thiis year at the
bet $\$ 15$ worth at per Yome price.
Minden, Jan. 8. truly,
Francis
P. S.-I will send you a sample of those
potatoes, they are the Willard's Seedling. potatnes, they are the Willard's Seedling. the dan. órouke pea
Sir,-A year ago last sping, there being
coisiderable tak albut the Dan. O'Rourke Pe, I purchased a few for seed, just to satisfy
myself whether they were really the article myself whether they were really the articllo
represented or not, and if they were, to imrovestle opportuninity. When I harvested
prove the
them, I found the vines were literally covered with pods, and on threshing, my most san-
nuine expectations were realized, the Dan. Rourke far surpassing in yied all the other
arieties I have raised arieties have ralsed. The yield was about
double that of the Multiphier pea, of which
kind kind my crop was chistly conpposed, of woth be-
ing on equally good soil, and having the same ing on equally good soil, and having the same
care and cultivation. Indeed, so well 1 leased was I with the re-
sult of the trial I had season Is swed this kiud exclusively, anl last good opinion of the pea has been fully sus-
tained. No objections, either, can be raised
against them on account of the stre against them on account of the straw as it yrows to a good length; in fact, quite loug
enough, and is also of as bright a color as the renerality of varieties.
South Dumfries, Co. Brant,
Jan, 22nd, 182. John Smo世e.
an injustice.

As you appear to take an interest in our wing conversation on tlie 12 th of July:-
went went to the London m merket to sell a load o haser said they did not want them except to other barley. He could only give me 5 the Der bushel less than the price for other barley.
took it to the war took it to the war-room according to in-
tructions and emptied it on the top of common barley of good the tuap of a lot y neighbors came to London with me
same person; his top of my Chev tice must injure
and injure our

Sir,--Having gave me entire
just as many p
I can find per ine the first $y$
kuow a better kuow a better
farmer shculd
potatoes, and it
canadian
The fifth an The fifth ann
Dairymen' As
Town Hall, I Thursday, the nouncing tiat
by which the one of the unos
men that has ticn. X. A.
N.Y., will de Nol., E.s.l., oo
nented to favo prepared artic
microscepic changes in
following will $\underset{\substack{\text { 1st - Taint }}}{\text { improvenient }}$ livered at the
previous year
to secure fur to secure -Deter
2nd can early che
ing flavor, a
year suge year suggest
3rd-Butt $\underset{\text { Making.- }}{\text { Mer with pr }}$ can the crean
injuring the 4th-Foo
has soiling $p$ of winter fee the past yea ficient, and
to remedy tho
6 th.--How few yaers svar

## We advise meeting, as

meeting, as
will be obta

Canadian
In spring,
To the Je
If they do

Mrs. A.
sends us $t$
mode of d
"Fill the
repeat it a s
them in such
them in such
tery seldom
We than
tribution, tribution, a
more useful
have a few
and willing
and practic
tended to
tended to
farmers'
His rea
were out vi
year-old pr
if he would
if he would
" What is
" I 'm too
you; papa
permited
"
"The pr
ance."
bron
same person; his barley was emptied on the
top of my Chevalier Barley. I thiuk such practice should be made known as sucl prac-
tice must injure the repatation of our graiu, tice must injure the repatation of our grail
and injure our market.

## potato miger.

Sir,--Having unsed the pitato dipger, Just as many potatoes with a span of horses a I can find persons to pick up. It fully repaid
me the first year in the labor saved. I do not me the hist year in the abor saved. Id wo
know a better labor-saving inplement. Every
farmer shculd have one that risises and aere of farmer shculd it will pay thiem.
potatoes, and
W. S. Wiliariss,
anadian dairymen's association. The fifth arnual convention of the Canadian
Dairymen's Association will be held in the Town liall, 1agyersoll, on Wednesday and
Thursday, the 7 th and 8 th of February, 18 i2 nouncing that arrungenents lave been wald by which the coming annual weeting will be
one of the uust inpurtant and useful to dairy men that has ever been held by the Associa
ticn. X. A. Willard, Esq., of Little Fuils, N.Y., will deliver the annual address. L. A nold, E.sq., of Ithica, N.Y., has kindly con-
sented to alaver the convention with a carefuly
prepared article on "Poisonous Cheese," with prepared article o " "Poisonous Cheese", with microscopic illustrations, showing the various
changes in milk. Among other subjects, the following will be discussed:-
Ist - Lainted Milk.-Has there been any improvenient ane condition of the milk do previous years, and what means should be used to secure further infirvement?
2nd-Deterioration of Cheese.-How long can early cheese be held with safety befree los-
ing fliwor, and what does the experience of the year sugge.st as to early sales?
3rd-Butter in Connection
Making.-Can the two be manuf.uctured together with profit, and to what extcort, if ary,
can the crean be taken frou the milk without can the crean be taken frour the mith
injuring the quaiily of the chese ?
4th--Food of Dairy Stock.-To what extent has soiling been practiced, and the best systeun
of winter feeding
sth.-Has the quality of our cheese during the past year met the requirements of thie
foreign market; if not, in what has it beet de-
ficient, and what steps are necessiny to take to reuredy those deficiencies?
6th.--How does the experience of the past
few years warrant making dairying a speciality few years warrant making cairyning a speciaint
to the exclusion of grain raising?
Jamies Noxos, President.
R. A. Jaxes, Secretary.

We advise our subscribers to atteud this meeting, as much valu
will be obtained there.



## O DRIV

Mrs. A. J. Hartley, of Chinguacousy sends us the following ac
mode of driving rats away
Till the rat-holes with new-slacked lime
repeat it a second tlime it neeessary. It affect
them in such a mann-r tha- they soin" leave them in such a mann-r that they son" leave
very seldom requiring a repetition of the dose. We thank Mrs. H. for her valuable con-
tribution, and we hope to receive some mave a few more lady friends that are abl and willing to furnish us with some useful and practicable hints. This paper is in-
tended to advocate the interests of the tended to advocate the interests of th
farmers' wives and children, as well as farmers ${ }^{\text {wive }}$
the farmers.

His reasun.-The oiner day some ladies
were out visiting. There being a litte two-year-old present, one or the laces anked in
if he would not kiss her. He answered ' N ? "What is the reasun yuu will not kiss me
" l'm too littie to kiss you ; papa, will kiss you; papa kisses all the big girls." He was
permitted to play with his chistmas tree. "The prisoner has a very smooth counten-
ance." "Yes he was ironed beffre he was
brought in That account for it."

unowledge required in parming.
There are many who look upon farming as
rather a small business, who think that its There are many who look upon farming as
rather a sma.l business, who think that its its
successful prosecuti n requires only a little common sease- just enuugh to prompt the
hardy worker to seek shelter in a rain storm, hardy worker to seek sheeter in a rain storm,
and d very littie kuowledge, just sufficent to
count a Hock of sheep or read a political newspaper. The opinion was once more gen
eral than now. for the world is growing wiser yut at the present time it is entertionned by "honor and shume from no conditiou rise, that honor is ouly acquired by auting well ou parnan whatever situation we may be placed.
A natily of and anowed who devotes all his energies to his business will make it dionorable and profitable no matter how
significant that vusiness may at first seem.
There is no business requiring such require
ments, so much knowledge, so much good judgment and commercial ability combined as is necessary for the thoroughly accomplishe tarmer. He stinds first amongethe manufac
turers of the land, he makes the wheat and corn, the beef and mutton and pork, the woid and flax; aid manufactures from the earth the air, the water, nearly all that we eat aur
wear; and this is not oully done by farmers a a class, but almost every one produces many if not all of these articies.
The manufacturer usually confines his labors
to the production of oue article, but the far mer is by necessity compelied to make many. If he would make grain he must also make
beef or butter and cheese, or mutton and
bee wool. Hence the necessity of extensive
knowledge. It is an easy malter for then knowledge. It is an easy matter for the
manufacurer to ascertain how much wool will make a yard of cloth of a certain description,
and what it will cost; but it is not so easy for the farmer to ascertain how much grass or hay
or grain will make a pound of wool. or grain will make a pound of wool.
mauufacturer can test a new machine and as certain ly a few simple trials, whether it wil manufacture the desired article cheaper or
better than the old ne; but to ascertain how a pound of beef can be maile the cheapest what machine will convert hay into rich chlese iu the cheapest and best manner, is a
matter requiring a good deal mere care matter re
Among his varied acquirements, the farmer
should possess a knowledlye of aumal physiology, so as to be enabeled to keep his stock
in health and adminit ter proper remedies in in heat sickness, Vegeiable physiulogy, too,
case of
must not be overlooked. Every day during the growing seison, the farmer performs work
for the grouth of hiis crops founded on the known laws which govern vegetable life.
Entomology is a science which the farmer is compelied to study to some dind muche perhaps than he desires, but the mere he does so the better he is fitted to
wage a successful war against thousands of de wage a success.
structive foes.
In addition to all this the farmer must be a
merchant, for he must sell as well as manulacfure. He must in scme measure take advantage of the rise and fall of prices, select the
best time for selling and the best market, or after his toil and auxiety he may find a poor
return. we liave me contely ylanced in all its ibearings wo are led to exciaim, Who is competent to do
this work? Heartily do we pity those whin this work? Heartily do we pity those who
think that farmag furnishes no scopes for the exercise of knowledge or thility. If thii
the the opinion were entertained only by those engag-
ed in other pursuits, it would be of no serious consequence; but we judge that many farmers
liave themselves imbibed such unfounded and unjust opiuions in regaid to their calling
and where this is the case there is an end to al improvement and all desire for improvemen A naan must have a good opinion of his ciall ing, a proper appreciation of its importance,
and the means aud information necessary for its suzceasful prosecution, or he cauno hope to succeed.
Setting him richit.- "I stand," said a West ene principles of ' 68 , and palsied be mine arin
if I if I fursake 'em! !' "4 You stand on nothing
of the kind!" interrupted a little shoemake of the kind!" interrupted a lithle shoemake
in the crowd; " "you stand in my boots that you neyer
money."-
Why do women spend so much on dress?
To worry other women.
Who was the first convict -Adam; he was
condemued to hard labor for life,

We much regret to inform you that We much regret to inform you that
our highly esteemed and most honorable
and useful clerk, John F. Simpson, Esq., and useful clerk, John F. Simpson, Esq.
is about to leave us. He has been with us a long time, and has attender to our correspondence, kept the books, and
looked after business generally in the most satisfactory manner. He is a Scotch-
man, aud a baker ly trade, and had been man, aud a baker by trade, and had been an extensive grain dealer and miller in
Leith, but reverses caused him to come o Canada. He now sees clearly that he can make more money in one year by
following his old trade (baking) in this yy, than your editor has made in 7
years. Therefore he wisely concludes to paddle his own canoe" in his own wannel, and we doubt not but that he
will command a share of the trade of this city. He takes from this office our tmost respect for him, and our best seed and implement department, and the ther for our oftice. We would prefer the former to have a knowledge of the seed of farming operations, both to understand Weok-keeping.
We should also prefer those who might be well connected, as they will have the
control of some cish! Control of some cish!
We anticipate haviuy (ther establish
ments in connection with the main Emporium as soon as we get it in proper order It is now in a more prosperous condition nade a position, and we intend to keep it increasing.
have at any time sent us in a good, sound article on an asfricultural subject, as they ditor, perhaps, if they shewed themselve it for the position.
We wish for and ought to have more
out-of door air than we have had for tho out-of avor years.
past seven y
a bit of poettc.al pose for leap year.
Tell us not in idte jingle "marriage is an
idle dream," for the girl is dead that's syingle,
idle dream," for the girl is dead that single,
and thing Mre no what they seem. Liff is
real, life is earnest, single blessedness a fib

 our hearts thought light and gay, still like plea-
sant drums are beatin wedding manches all the
day. In the world's broad fields of battle in
 cattle, be a heroine-- ew wife dead past bury itu
howeer pleasant ; let the ded
deed, act act in the living present, heart
within and hout ahead. Lives of married folks within and hope ahead. Uu lives of married aids
remind us we can live our lives well and de.
parting leave behind us such examples as shall "tell"- such examples that another, wasting
time in ide sport, a forlorn unmarried brother,
seeing, shall take heart and court. Let us then seeing, shall take heart and court. Let uat then
be up and doing with a heart on . triumph set ;
till contriving, still pursuing, and each one a still contriving
husband get.
A cleanly shaved pentlcman inquired of a ahe admired moustachos." "Ol", $r$ replied the the
charmer ny face against tliem." Very shorty at er er
nite wards his upper
careful cultivation.
A bit of contention.-Quilp and his wife Wid that you have more brilliancy than I," ment." "Yes," said Quilp, "your choice in marrying shows that!", Quilp was promptly
informed that he was a brute. Why is a doctor better taken care of than
his patients? Because whien lie gocs to bed he is sure to have somebody to wrap, him up. Why is the fashionable lady a prudent one
Becanse she tries to make her woists as small Becanse she
as possible.
When is
When is a ship like a scarf pin? When it's
on the bosom of a beavy swell. A man in Boston is said to be so short that
when he is ill, he dosen't know whether he has headache or corns.
When is an ox not an ox? When it in
turned into a meadow.,

FARMER'S ADVOCATE.
aftiscellancons.

|  |
| :---: |




|  | I wish I was an Editor, I really do, indeed; It seems to me that Editors |
| :---: | :---: |
|  |  |
|  | get in free to circus And other kinds of |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
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|  |  |
|  |  |
|  |  |
|  | And thunt ine yeye to bow-out freeAt every party feed jon |
|  |  |

Bury't Green, Jan's sth, 1872 Selected for the Adrocate by "A. A.," room for good selections and are pleased to find bome that are willing to make uit
the paper. Send on pleity of qood mat ter aud we will find room-extracts or
writing, if orly furuisiiing vailuille information
the north-west territury-
Rents in Winnipeg are very high, nach
higher than in Loudun. Weo sells at
 iag beecn burnt by the praine fires, whech beng no market, it is hard to stale accurate
the prices of produce and stoc:s, and any per sin wishing to buy lias to make a turir of th
settlements in order to get sucia aricies, a: then often meets with deappoin ment and ex
hori,itant iates. Pices of rodicie. cte. ale
 per buthel. No fall wheat grown i. the coun-
iry. Barley same price as we.eat. OAts n
to be had. Peas, ditto. Butter, 40 to 50 to be had Peas, ditto. Butter, 40 to 50
cent, and very sarce. Cheese, 50 cents pe
pound. Egss, noni. Funlt, nollo for saice
 duccess ch the iakes and riverr, but wild qeese
are very rareiy seen in this sectien. Beef by are very rareiy seen in this, sectien, Beef ly
the quarter, 9 to 10 cents; retail, 14 to
cents. Fiour, 83.75 to $\$ 4.25$ iner the quarter, 9 ts 10 cents; retail, 14 to
ceants. Fiour, $\$ 3.75$ to $\$ 44.25$ per cwt
have not seen any first class flour since niy





 all articles of humsehtd nes:
about dqualle Ontanio prices.
The thermanetcr has never raised above
zero since the 2lst Noventer, except on ti:
2st at shot time. Tile davs have ussually zeen hright sunsinne. ald cicar noonlight niyethts,
with very little or no wind. On che or two day, ho sever, there was considerable wind felt it comparatively conf rtable; but frost 3
degrees beiow zero cinnot le des ribed-it degrees beluw zero cannot te dessribed-it
unst te feft to be resizizel; and 1 an infirn-
ed thet
 degrees beluw, with a wind; the: it is almost
impossible to ovo out doors The snow is sn
hard and sharp that it fairly cuts the face, and It is well that the volunteori arrived ore this.
frost set in, or very many of them, would in-
evitaoly tave been hadily frozen, and as it
tis was some of
Advertiser.

## fro

It
froze
tbey -
 b-ing frozen, provided they are kept in a dark place and will thaw out gradually. Frozen ap-
ples ying in heaps in out huilaings shault ie ples lying in heaps in out huilainzs shoult ie
deeply co vered to connine the air ation periectly
exclude the light, until the frost is out of tiveiul bexides this, whies it can be done, the room
sliould be darkened, or, what wouli he bottor stiould be darkened, or. what would be better,
remove them to a dark ceilar in which the temperature is six or nore degrees bel ow
freezing. We say six deirees, beciuse sound $\left\lvert\, \begin{aligned} & \text { freezing. We say six desiees, because sound } \\ & \text { apples not yet mature eill than out at a teal } \\ & \text { perature less thail tils. But wherever they }\end{aligned}\right.$ $\left\lvert\, \begin{aligned} & \text { are kept the froat should not be extracted too } \\ & \text { ard } \\ & \text { sudelly, ner nuist the light be allowed to }\end{aligned}\right.$ strike them while they are tiawing, becuas? a
frozenl apple, from sime canise not yet well understu d, if thawed out in tie dark will re-
main thunp and sound, while if thawed out in
the light even thoth the the light, even thouigh the sun should not shine
on thon, they will aiterward be soft and
spiled spoiled.
Azzin,
Arsiin, it often occurs that app'es get ficzen
in barrels on the way to market keep sitcin
barcels headed up, and if holes have been
 air and exclude light. The best phice for
these afples would be a cold cellar, because
in such a piace the frost could le more gradin such a piace the frost could be wore eradin an out-uilding or shad, coveriny deon,
witia straw. So protected, they nay be ke,
 We have known apples headed up in barcyls
and kept depply covered with staw, but not
so dieep but they were several times irozen and so deep but they were sereral andes rozen and lowirg spring they were soun l and in quality
equal to sime wariety hept in ceila:
 wiil be coverel whit challow bruwes, whit
on bent hawed, fist turn brown, and sw,n

We are often told even by tiose whom we
reaad as high authrity, that nuck shour
 manure. I lave had some expstiese with
muk and I do not arree with these writers.
My first tial was made on a criveliy kioll,
 was ripe.
Sine then I have tried it as a top dressing
on the crop the first year, but not ro much bene-
fit the seemand year as manure generaly io. I ciam that I liave done it by using numek, aid
have used very littie that las beeu nut of the bed a year. I dug a ditch throny the muckdraw out a few loads, I have taken it it mo
the side of the dite.in and spread itonthe grass



$\qquad$
 decrease of tubers ? Cans science, can clinem1
istry point uut the rasiun or aid din remedying the difiicuty? We Wetink it can, and in order
 to the acre; this may be regarded as an old-
fastioned crop. Thin crop rencurved irom the
soil in tubers and tops at least 400 pounds of
 In ire:and we've nothing but praties,
But here we have praties and pork. I live oa the tarks of a meadow Nuw see that my maining yuy take,
It bates ail the locs of ont y reland, For six montis in ti.e ycar its a lake, Bad luck to the beavers that dammed it
I wish them all kilt to their pains ; For, suse, though th.. creatires are clever, I've thits a fuy hat of the timber
That erows on my chars iny estate, And aia ialigant root-husese erecteu,
Just facing the front of my gate.
 I Eleep ind the heat of the day.
 I stre:ch whit my iegs as 1 piense, sir,
And diname of tiee pieasures to coume. Sure 'tis pleasant to hear the frogs croakin'
Whon tie sun's sung down in tie sky; And my Juiy sits quietiy smokin',
While the paties are bifd till they're dry Oha : thea if yon love indererdence, Yum mot quit the olll country entirely
And get hane the begimning of May.
transportation of cattle by ballway. It has nut . nffeguentiy been aileged by
paties oncened in ihe caitle trade, and hy
al

## 

## 

notion is thembly equabic; but even if they
would noto so, ther mingt asily be fed and
wateni
Watend whint the train stap at stations or is
detame in sidins, as is often the case with
catte trams.
Mrounts at railroal tations are, under any
circunstances, ancre absurdity, aud the enly
trantho any real uee wruld be une or two in sine is supplisd with water.
Nor can it be said that the
silinty in this; for a trough of this lind, cal pable of adaptat.on to the ordinary cattle cars,
has already been contrived by a
Edin E metallor hotland, who received, in lis 65
 huouined or improved, so as to bo applied to oost. By its use the cruelty inflicted on on ani
 and blue are cortly colora.

This being
wouid call th the "Steven
and toring
Health for $D$ For one
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required for the when




## ${ }^{\circ} \mathrm{w}$

 ill faciiltate the morkoroith In the spring, whilo bh
orse from the effecta of a the fall. Whien theopium


 ronanent inprovemen int expendione. of romem once, would fond it tot




## ins if you can not get he re they cau be durvin



 8. ditchives easeep to porang re agricultural papers, ain
d Faruer's Clubs. $-A m m$

FARM IMPLEMENTS,
etroleun will make a hrula be used, nixed withi

 oxides of iron (ommmont | nineral |
| :---: |
| colora |

## ice houses.

 Turs beine the season for storing, ice, we
 For one eamily, wake a house twelve fee





 the north side of the roof. If the ioe-house can be located on the inorth side of a aill, and
bmall stream of water introduced slowly a mall stream of water introd diy, so as te make its way detween the pieces of ice, the

- whele twass will freeze sclid; or a pile of snow could thins be made into soid ic,
Last from one winter to anotiver.
rectips fur cotida berf axd ham.
We give the following selected recipes, in this work, or, it may be, have forgoten their formulas.


 00 lbs. take 8 lbs. salt, 4 tes saltpeter, 1 , 1 tib sugar, 4 palls water. The hams and beef for
drying nay bo taken out after four weeks. To keep the neat after warm whather, the picheortions are for oue thousand pounds
 molases. Rul the meat with the nixture pack with skin down. Turn over once a
week and dadd ititle sait. After being down
and up two or three weeks, untilit it 1 dry. four weeks, then bag, or pack away
place- not a cellar- in chaff or hay.
Another way of ocring hanne, s.aid to be but he
very good, is frst to take out ant but
 cellar. Repeat the ope Lellar. Repeat the operation ore four days
times with interval of thre or foren each, nad the euring is complete.
hetwe hetween each, and the euring is complete.
lu sulumer put the hams in a rrine to keer. Ecoyory iv Horsm-shorixa- A writer in
the Western Rural, , lluding to the frequent yen in winter, says the best way to make the calks of the sidues to have thent last, is to
take steel from the worn-out sections of your

 much softer than the steel, wears away nuc: laster, and the steeline as it may be, for a long
 becanie of tie business, suad pront ind shoeing find one shoeiug thus, generally. wiil
winter and savy troulie and expeuse.
 faniilies ought to be the moste exempt of any from sickness which arises from uncleanly sur
 diseases, eveun after frost is supposed to have
rendered malaria innoxious froin the sourics Whience it is ordinarily supposerd to emanate
Too often the cause of these maldadies ies in the cellar. Fruit and vegetables are stored there
in and it must be warm aud close to keep out in and it must be warm and close to keep on
the fiost.
Decay takes place, and gass: evolved, which ind the their way to the upper
roums and pecison the ocuyants. Chillure and weark peepile are especially susceppibl
to theire efecta and fevers, throst diveas an incoids prevail. The eeilar should be need

gobahum for fodbr At a late meeting of the Famer.s Club, the Ir Ottis said he cnce planted an acre of sorhum, which made a yreat growht, averaging
en feet in heigit. The stalks at the buts were nearly as big as his wrists. It was
cured and fed to uns cattie, nud he animals ste it all up clean. They would leave jany
other fodder for the sorkhnm, aud cliew the bits until llisy were all gone. He advised planting it like corn in in ows and hills, and coring it in slivks in the fied untine.
If any of our readers have sown sorg-
hum seed by the side of the corn when hum sed by the side of the corn when sown for fodder, we should be pleased to
hear the resalts.
Our opinion is that it hear the results,
may be profitable.
$[$ [ED D.$]$

тнв clovers.
The clovers frrm the basis of much of the best
husbandry of the countrys
It is sultivated for husandiry of the country. It it is coltivatad for
four distint purpoest; for hay, for pasture, for seed, and for manurue.
There arat two varieties of red clover, a me
dium theight, , ond very thill or sapling clover

 manuring the land is ithe primary object. Whit
clover is apasture grass very much prized in the
 recently introduced,
white and red clover.
Red Clover is every fine, both for pasture end
hay, and on good land yields from one to two





 from four to eipht quants sach chover is to mixd timo thy sed together and buw on one arre in ine
apring of the year, on
grouni suwn with winter
som
 Mae eround after the seed
emphatically a lime plant.
 hay it siouin the cock, why letting it stand for
 up. In stacking or putting in the barn, care together until it is in fully dry.
In
cutivating g clover to manure the land, it should be sown one year and then plowed in the the
next for wheat, or ther crops, when it is in
ful
 oent on organice subtatancea, either vegetable or
onimil, or both, will protuce cover and othe
 yancy soin we with gypsum or lime, or super
 and all plants require these for grow ta In an ottempt to cultivate cover on light
sandy goil much patienco auil perservance at

 ganic matter will be very much increased, and
perseverance may terminate in
satisfactory
re perseverance may tercuunt of its long tap-roots,
sultover, on act
is better adapted to inprove the soil than any is better adapted to inprove the soil than any
other vegetalie, because the rots bring up from
one whesil


## cure for curb

Curb can be cured if not of 1 lng stanling,
using fomentations of hot water for twenty by using fomentations of hot water for twenty biniodide of mercury and lard. Continue vily until a good bister i, formed. Ast in ion in usiug it is neecessary.

Soak them in weak lime-water, to remove Hie wool, and hen 1
 sorba a larye guan
chalk or whiting.
Pen makers are a had lot. They make the
pooplo stool pense, and dhea nay they do write.
ailouths' dlepartmet. ANSWERS TO PUZZLES IN LAST




 ACROSTIC.



CROSS-WRD ENIGMA. My frts in inssow, butD not found in rain,


 hen y.ur make our
know its name.
raising young pigs by hand.


Wo all know there are irpprovements goin









 will be needed.
mary's smatl vite lamb. Mary hala a hmall vite lamb,
Mit fur ro fine
like silk,

He vaga nice und paody lambé,
Heßs frond name dot was Peld, Heis rond name dot was Peite,
Und ven der vax omem enilk around
He vas bully on der cead. Dot lamb he uesed to play mit her,
Und frisk; und juml, und run,
 She teabed a awful lile dot lamb
Und he growed. und growed, und growed


 Bud Mary she dnn'd like him den,
 Von day dem vent to took a alak,
Und he bebinnned to shbw wal, So ghe selled him too al.
To cud up into veal.



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pecials, 20 cents per line. Editorials 50 cls. per line.
"Anglo secretarles or Agricultiaral societien and Anglo saxo may be engazed for the
oming geran to to travel in any County in Can.
dan where the best inducem dia, where the best induceme its are held forth.
His stock gained the list and 2nd prizes at the
last Provincial Exhibition last Provinciat Lxhibition, as they always have
doue for yeers past. IIe has in Middlesex, , ilisin, Oxfind, and Northumber land. He is too well know it require further
remarks.
London. Address-"Agricultural Limpmrium,'

Burilington.
Leaving the East and arriving at Chicato or
Indianapo is, how siall we reachit the West? The
 the Iron Brilige
Birlingten Rout
The maial lave in the Route running to Oma
 Plattumouth, passes through Lincolu, the State
Capital, and will this year be finished to Fort Kearney, forming the whortest route across the
Contineut by over 1u0) milcs. Another branch of Hie B. M. diverging at
Red oak, falis into a line runing down the
lisouri through St. Jee and Kangas City and
 nd, by a elight divergence, can set Nebraska Lovers of fine views should remember the Bur-
lington Route. for itis towns high - 1 leaming
ingm afar"--its tree-fringed streams-its rough luffs and quarries-its corn-oceans stretching ver the prairies further than oye can reach,
Land-buyers will be sure to remember it, for they have friends among the two thousand who
have already boughit farms from Goo. S. Harris,
 home-steaders and pre emptors who last year
filed claims in the lincoln land office, wherre
"Uncle Sum is rich enough to give us all a
have you a cold: HAVE YOU A COUGR HAVE YOU RHONCHITIS? HAVE YOU THE ASTMMA CULTY OR W EAKNESS IN YOUR THROAT:

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and have been doctored by many pliyi ians as soon as I took the Balsam it relieved me;
I cannot express he fratitude I cel for the
In co me. Harris, of Mid.llebury, Vt., says: "I
" Dr.
"had been troulle. 1 with Bronchitis for two years, so affecting the organs of gipechi that
I could not speak aloud fur six wecks. 1 had with it ne severe courh and cild night sweats;
I took two bottles of Allen's Luug Balsam,
 Allen's Lung Balsom to retieve my cough more Allen's Lung Balsom to retieve my cough more
rearliy than any otier cough medicin. $\mathbf{I}$ have
ever tried. My wife also usel it with the mat at ever tried. My wife also usect it with the mcat
satitifactory resultse
the
Balsam is sold by all Druggists. Price
81 per botlle. PERYY DAVIS \& SON, GENERAL AGENTS,

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 James stit The information contuined in th





 and the men inform mot the toreses eremen











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 Where-the old wheel-horses of Western agriculture. and the readers of but half a year's standing; the wives and mothers, the boys and girls-havo spoken and acted words of sympathy and support us
beyond what wo could have expected or hoped for. And now, ns the long winter evening' are upon us we are casting about to see how in my cost support that indeed proves the whole world kin. Wo hope to do this by sending to the fireside of each patron something that mall instrues.s sometime that shall approve. something that shall amuse, something ter and nobler every member of the family. With the farmer' we shall discuss the matters of the field, the orchard and the stable. With the farmer's wife wo
 we shall chat about all the little and big affaires of With all we shall fairly and fearlessly discuss the Tories of the Day. For all we shall condense the News of the Week, as we gather it from all parts cf the world, and for the farmers overs where, we shall endeavor to man or nature. In brief, we shall
interests and warn them against frauds and rascalities, of whatever name or nature 1 Com

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gardner sewing machine company Nos. $61,63,65,67,69,71$ and 73, James St.,
FZAMILTON, ONT.
 the caroner patent sewing machine READ THE FOLLOWNe In design, the machine resembles the Family
Singer; but the erinciple of the working parts
s entirely different, having no gear, and being Singer; but the principle of the working parts
is entirely difterent, having no gear, and being
as nearly noiseless as it is possible to make a as nearly noiseless
Sewing Machine.
The UPrer tension is on the face-plate. The
discs between which the thread passes are atdiscs
tached by a stud to the tension spring, which
is fat and
placed on the inside of the face-plate, its upper end secured do the arm, and is regu
ed by a thumbserew in the face-plate. The Shutrle Moveyesic is obtained from
the shuttle-cam on the shaft which is desig. nated as a " ball cam," working between the
prongs of afork which is pimned to the shaft of
the shuttle-arm. This siantt is also made of
 aiong the face of the shuttie-race, describing a
radisl movement which is conceded by all to be radial movement which is conceded by all to be
the best movement to prevent skipping stitches,
thie centrifugal force: always keeping the sluttle thie centrifugal forco always keeping the shuttle
firm to the face of the race. The Feren derives its motion from the "feed
cain" placed on the same shaft, the motion being transmitted tirough the eccentric rod and
feed lever under the machine to the feed, which is made of stecl, having a bearing its whole
length, thereby preventing any twisting move lensth, thereby preventing any twisting move
ment. To the end of the feed lever is attache
a screw, which serves to give any required lift a screw, which serves to give any required hift
to the feed that may be neeessary for light or
heavy toods. The fed spring is also attached heavy bods. The ited spring is also attached
to the bed ; it flat, maide of steel, and very
durable.


 It will be observed that there is no gear of
any kind, and that all the motious nare , any kind, and that all the motions are herive
from the same shaft, all the usual compiciate
shuttle and fecd movements heing avoided. The Treanle is adjustable, working apon centres in hrackets which are astened wo he
treadlo-bar, iviving thisht easy motion without
any noise or looseness, and can be adjusted to give any required "dip" to either toe or heel of
the treadle, besides taking up the wear or loose motion. Where Bearing. The wheel runs upon
The Wered stud or bearing fastened to the sid
a taper of the stand by a nut with the bearing end
turned to a centre: the wheel is bored tapering turned to a centre; the wheel is bored tapering
to fit the stud; upon the front side of the wheel
 is aljustahte, and screws to draw the wheel
upon the tapered stud, taking up the wear and The GArdypr Patent is fitted with all the latest and most improved attechments, com
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Gather the Graill inio a Bundle before it leaves the Table, and deposit it in a more compact form than any other Reel Rake.
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