ROSE Seedsmen
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## ECTOREY.

 and Monte sti Pi.N ${ }^{\text {Praseder }}$ in P .0, . Breale Sheodero Colso isioinamptror nad
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Belk Thooder f Eweer, :illio. iniporere end nad


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VOL. VII. \{ WILLiAN Weditor and Propritor $\}$
LONDON, ONT., AUGUST, 1872.

gONTENTS OF AURUST NO. $\underset{\substack{\text { Eitron: } \\ \text { Cro }}}{\text { Col }}$

## See A The A T T B B $V$



Always yet the Best
Englisi Farmine:
Clearing Land
Feeding Hog.
The Thime to Cut i̛hea Improventent of Grass Sands.
Packing the Soil
Pat Manactinent of Weedy Lanids.
Plaster .................... Orchars) and Foresp:--
Intuence of Irou on ness of Funit Trees.
Line for s.int of orchards.
Aluiching Frruit Trees. Orchards Oot the Wounds of Trees.. Pinatink Fruit Trees
Curculi, ,on Pums....
Worth kumins..... Buddinge.


 2

$\qquad$
On Jume 1 ith we received a letter, rusted badly this year, and every farmer mostmark, Alala, and
signature. The whiter will whig hy com- in the head quicker than any other va-
nunicating with ns.

The Soule wheat has also rusted this year. The Treadwell variety has out
rusted half as baily as either the Deihl or Soule wheat. We belicve all that have had the Treadwell variety this year are
well satisfied. We bare not heard much well satisfied. We hare not heard nuch
about the Arnold or Forfar wheats this about the Arnope to hear of them ere another paper is issued. The Weeks wheat has also stood the winter well, and will a bearded white wheat. Wic have sown it three years. It is deserving of more exthensive years. It is is
tion.
The comin; wheat.

Last year we introduced a little of the Scott wheat. F'rom every report we have heard and from our own ohservations,
having seen it growing hy the side of other having seen it growing hy the side of other
varieties, we give it the preference. We
 wheat to sow. It has stood the winter
well, has a good stift straw, is a holin well, has a grood stift straw, a a a
white-chaffed red wheat , and will out yield, on an averase, any other variety of yheat we know of at the present time. In
the next issue of this paper we hope to be the next issue of this paper we hope to be
able to give the results of several picces and different parts of the country, and we feel convinced that it is the wheat that
will be in denand. should any of you will be in demand. Should any of yo not concerle with these observations, say
so. We hope you will correct us if we should at any time be in error, and we als hope you will send us reports of the vielid of the different varietics in your section.
We shall be clad to receive samples of th Scott wheat, with price stated and whit quantity can be spared. In the next issul we shall he al le to state what prices may be oltained for either by the hush

A Trip io Idaho.
Mr. Thos. Friendship, of London town
ship, one ot our Niddlesex breeders of ship, one of our Middlese breeders of
Canadian stock, has just returned from a trip to Blarktail, Deerereek, Iditho. Ho Chicago, ueross her Missibsip, Biver Councll Bluffe, $1,5 \mathrm{FH}$ miles thony
braska west of the Rocky Mountains, th 50 miles ly roard. He tonk with him 1 head of aittie, 4 bulls, + heifere and
calves. Several of the bulls took prizen calves. Several of the $\begin{aligned} & \text { at } \\ & \text { at our Western Fair last fall, and is } 3 \text { of }\end{aligned}$ athem were the progeny of that, "llebrated cow "Sally," which he boutht from us, He was 26 days travelliny the o(k) mites;
he bought a span of mules anl waghon, hired a man for the trip, at $\mathbf{x}^{+11}$ and ex bense, so that they oomer rde, and one
walhing, while the other watched. The
sleping while the other
on the mountains.

On coming to water all the cattle were treated to a swim; on one occasion a bull took it into his head to swim across, and Mr. F. had no altermative but to follow him. So he stripped and took the water,
which was nearly a quarter of a mile wille. In the meautime the bull had travelled inland quite half a mile, Mr. F . dallowing, clad in nothing but his birthdifticulty occurred; Mr. Bull refused to acknowledge his master, in fact was terrified at his appearance. However, after a chase of :
him back. The cost of this journey was $\$ 110$ there, and \$17.5 back, besides having to pay $\$ 1$ for each meal and bel until he
reathed Chicago on his return. Still he expresses himself well satisfied with his burtand with the cash realized. He reconsiders that we are at the tail end of

The Victor Tomato. We have now iur our office some ripe of which we gave a notice in our March number. They are large, smooth skinned, ery fleshy and sweet-altogether a very
uperior class. Although, owing to the ix weeks protracted dry weather, these are not alove half the usual size attainet. the of April and the plants set in the oncu celd on the luth of Jume 'The firat rine mint rathered on July 18. Not hud for

Agricultural Exhibitions.
The three principal exhibitions to he aid in this Dominion will be the Provincial in Hamiton, from the Guth to the th of October; the Western Fair in London from the sth to the 11 th of October.
Very handsome prizes will he awarded at farh of these exhihitions. We hope many will :atrastern beeders and manufaturer whil attond, as the dates are well arranged
this yrar: an exhibitor can easily atteul at rach phace. We ary filly comvinere
 tinem.
Fresir Bulas- In our advertising conl umus may se seen Anthony Rooz"n \& sult inverthisenent. We have prowired. and for cheapness and quality they have proved satisfictory to us. We know of
no, better eource for procuring really choice
bullos, $\&$.
A Trip to Montreal. little relaxation and attending to business a we took the train for the east. We farmers of the west are apt to look on the apt to think that the inhabitants are all rench, and a very poor class of people ; farming in the true sense of the term is there quite unknown.
But the fact is, that although a large
proportion of the land is only about " by the French is only "scratched many really fine farms having as good soil as any in the west. Some of them are
farmed by Europeans and are well con ducted. Many have amassed money and property as fast as any in our western sec-
tion. Their climate may be a little colder than ours, but vegetation is quite as forward in the spring as it is here. People west and hundred miles east of it, we have travelled through sections that would compare favreason to believe that firmers in ave parts of the east are better off than many In the west. They have herds of pure
bred cattle, not inferior to any in the western province, and they have the finest lood horses
Montreal, is the celebrated horse "Thun der," which we consider, taking all things into consideration, the best and most valuMany of the blood horses have a name and nothing more, but this one is so handsome and well proportioned that he looks as if he was or a class greatly superior $t$ t usually found under the name of blood horses. A lot of very valuable Ayrsbire kept on this farm.
Lachine, has the best Allen has such a herd of Alderneys on his has also a blood stallion that equal. He We have not seen spring wheat or roo crops this year in the west to surpass what we have seen in the east. Mr. Cochran's Durhuns and Ayrshires, and Messrs.
Whitney and Trving's Ayrshires belong also to the lower province.
iencencerson, the tenant that ocelpies the Molson Farm, haz this year planted 70 acres of potatoes. shipped from this place to western Chanda as far west as to Toronto. What are our ply them? We do not think wis wostern farmers have hogs or poultry superior to those we have seen in the ea
the cost of labor, and the preas of land ences of the eastern province with th western, we sometimes think that many laborer would, no doubt, to better ly goins west, but many of the emigrant
that come into the country with moner and engage in farming, would often he more sunceessful here than in settling in

> 11 is of undoubted advantace near a qood market, especially if peop
understand farming in all its beariur But circumstances sometimes alter cass best farmers.
> 1and that were ouce covered with valuable timber, but now firewood and fencing ar pense and lone journeys. Coal has to be purchased by some French Canadian farmers. The land for many years after whicat. It was compelled to yield of prowning porers had been

Many of the farmers are taking advantage of its hay-producing powers, and are
yearly cutting smaller and smaller crops yearly cutting smaller and smaller crop
of hay, which instead of being kept to feed stock is sold to American dealers.We hear that one dealer alone kept six-
teen hay-presses in operation in Canada during the last season, and the quantity sent to the States must have been enor-
mous. Some consider that the injurious consequences of this system should be in some way check
prohibition act.

## 左

From a conversation with Mr. Le Cler the Secretary of the Provincial Board or agricultural exhibition is to be held there this year. The reason given for this
course is that they desire to foster their funds to erect permanent and substantial buildings for the future use of the Associa tion. It is certainly true that bette
buildings are needed. The exertions put
. forward in Guelph last season were
such as to cause the crection of better buildings for sto
found in Quebec.
We may appreciate their desire to crect these buildings, but at the same time we do not think it a judicious or wise policy or abandon the exhibition even for on
year. It speaks but a sorry tale for the Quebecites. There is one feature tha may palliate this course: the labor and
making up of the exhibition there falls making up of the exhibition there falls. on but few, as the majority of Frencl
Canadian farmers take but little part in
it We know it is We know it is difficult to get some
it. our western farmers to take an interest in our exhibitions in the west, but the are rapidly improving in this respect.

## agricultural colleges

At the present time there are two Aow Canada, which are maintained at Gover lowest number of scholars muit be ten and it is with the greatest difficulty that the required number can be obtainci recipients to draw the Government pay. We learn that the education is free to the
cholars. We had not time to visit the institutions, but from what we have heard the accounts are even worse that
rom the Agricultural College or Firm that was established in Toronto. Perhap) it would be well if some of our results of thie dovernment expenditures made in loth eastern and Western Canada before laying an additional tax on the far njury to them.
beathe of another agrit ditley
Are acmimitural payers of service to the ountry
This is In a recent question for farmers to answer notice of the decease of the Ontarin Fan principal agricultural naper puhbished in the Province of Quebec since the cessation
of the Agriculturist, which was pullisled
in in that province. It is now no longer confined to agriculture but is a cencra pany are still publishing their paper, but
at a loss. Our farmers are beconing sur plicd with American papers.
Does not this speak volumes in support of the sulbject on which we have so often
treated, namely, the oppression that lias treated, namely, the oppression that has
heen placed on agricultural publications caltural lapers with, pleasure: mpheh rather see thetn flomishing.
this report speak well of our

Where is the fault ? what are the reasons! We doubt not that the proprietors have
labored to maintain their papers and have labored to maintain their papers and hav xpended money for such a purpose. should be let each farmer try to mak them better, either by writing or by ad ding more subscribers names. Perhap
there may be some members of ParliaThere may be some members of Parlia-
ment who may yet bring this subject be
fore the notice of the Legislature. fore the notice of the Legislatui
maceachran's veterinary infirmary
Mr. McEachran is one of our western men who has planted himself pretty
snugly in the east. He has the best arranged horse infirmary we have seen in Canada. Horses of ail kinds are continu aly being brought to be cured of one dis
eanother. He is doing a very large business, and has charge of Mr. Sheddon's stock of horses. Mr. Sheddon keeps
bout 180 horses in the city, and we know nout 180 horses in the city, and we know ot how many on his farm. These alo as there are always some sick and some
bought and sold contimnally. He also hai he charse of several lecrls on farms around
The veterinaty school is promessinc avorally, and numst afford an excellent pportunity to young men to learn the HoEachran prospering so wrll. He has
now the leading cstablishment of the Kind in Montreal. Perhaps our Forest City may yet
and college.
ayrshire cattle.

Eastern Canala is the great centre o Ame Ayrshire cattle on this continent.They are quite as munch in thoir supplies. the Durhams in other phaces, and gentlein preference to the Shorthorns. They ane duntry and unare profitable. The mices astonish most of our westurn farmers.-
Mr. Whitacy, weal thy merchant of Mon treal, has perhaps the finest herd of them
in Canada. His fam is at Freliehshurgh miles from Mostical. wealthy ; theys, have hat extensive, lire very Gainch wh-iderahle celdmity hy their Ayp
shires. We saw on thoir stato two suat shires. we saw on harip estate two small
calves for which they pail Mr. Whitney
Slow a pect Mr. A. Allan, of the Steamship, Co
with almost unlimited wealti is inst non with amost unimited wealth, is just now
stocking his farm with Ayr:lines anul
Alderneys, blool, Clydestale, Shetland horses, \&c,., the hest and purest hred that money can huy, He has expended s:30
per acre on a farm to prepare it for stict
stock. Mouey is nut to 1 , spared th make the farm a model of nomeness and
beanty, and stock it with first class ani mals.
 price, whether their litherhases, were Dur hams or Ayrshires; but it is their convic
tion that Ayrshires are the stock for the comery.
ern farmers have stock of this class fort are growine in tavor, and we are of they opinion that for beenfing for thont the
are a heter and safer investment at the iresent time than the Durhams. We do
inat wish to disquace the ! !urhams, a
 is nor profit to be nimle in Cauada by
cheese and butter making than by beef.

## The Elections.

During this month you will all have an pportunity of again recording your votes. Let not the hue and cry of party lead you lots of party for many years and from our observations we are led to the convicion that the main impulses are 1st, self, 2nd, friends, and 3rd, the country. There re undoubtedly some that look to the
welfare of the country but most of the welfare of the country, but mest of the
candidates will look through their own spectacles.
There are
There are many farmers fit to represent
the country and look after the agricultural interest. All it requires is a plain, honest, common seuse man. Do not be led away from voting for a plain farmer because he
is one of yourselves, or because he is not so ready at repartee or logic, or as fluent, or as full of statistics as some of the trained citizens that will be running
through all parts of the country ingough and parts of the country and actfew days. Do not think a plain farmer is not fit to represent you. By all means irefer to vote for a farmer similarly cir:o many men from professions? The itics will send all the professiopal men
uecessary to wateh and look after their incrests, and why should not you choose arrmers ; never mind about party ; your party is agricultural interests. Do not de cive yourselves nor disgrace your calling Voting for men from other callings.-
Nominate and vote for a farmer, or stay at home ! Send more farmors to Parliament ; th interests of the country demand it, and your interests demand it. Our party is
the farmers' party.
state of Crops- July 2th
Having recently taken a journey through
Peterboro, Victoria, Simcoe and part York, we notired very few pieces of goorl rall wheat, most of it having been badly
winter-killed. Several pieces have bill winter-killed. Several pieces have bee props. Some small pieces are tolerably yood where the woods have sheltered
them, and even the protection of a fence them, and even the protection of a fence
shows a marked difference. The farmers shows a manked difference. The farmers
are hecoming alive to the necessity of planting trees for the protection of their
crops. The fall wheat must be far below the average.
Early sown spring crops look well, hut the later sown crops have suffered from the drouth. The hay crop is light ; there appears to he no bottom or undergrowth,
which we attrilute to the killing out of murl of the fant during the winter. Po
tatoes look remankably well ; the potato bug has not done much harn here Tur
nips liin tair to be a good crop, although some picces lookel inferior
book notices.
The School of Chemical Manures, or tilizimg Akents, from the French of N. and engineer.
There is no sturdy connected with the science of as semistry The agricultural chemistry. The knowled, of
of the constituent elements of the soil, of what elenconts ne eessary tu inerease its
fertility, what manures it needs-this
 work, which we give in fall, introduces the realer at once to the sulject. It is writ-
ten in the tuethod of question and answer, and is a "shool", mepratory to more
and
elaberate works. The appendix is to us
the most valuable part of the work ; we the most raluabin part of the work; we
thone to refer to it when we have more The Mrodel Potatn, by John McLansen,
M. J. We have harely shace in this issue M. J). We have barely space in this issue
to aknowledge the rectipt of this book. The sunject is one that more specially de
mands the attention of men of science as
well as far
hints.
The " lustrated
for which
is so well is 50 well
$=$
Frespuat, chemist onnected with the
nore leneficial thau The knowled, of
increase its
needs- this
constitute ab
well as farmers. It contains some valuable
The "Hearthstone," a family paper, i lustrated and got up in that superior style
for which the publisher, Geo. Debarrats,


















 trit only neexagry to ont the atention of








 2. The good farmer is proved by a stealy appreciation of lis crops. Anyone may rewp
an ample liarveet from a virgin soil; the tormil farner alne grows good crops at first, and
better rand better ever afterwards.
3. It is far
 4. The food fagmicr sells mainly such pro-
ducts as are leat exantive tocesty mily constrain lim, for the first year or two, tit
sell urain or even hay; but he will koon sem
 Sall that is takes from it. A bank account
daily drawn daily drawn "pon, while nothing is depssite
to its credit must soon reppond. "No funds; so with a farm xinilurly treated. 5. Rutation is at least negative fertilization.
It may not positively enrich a farm; it will a It mast retard and posty)ne its ingoverishmant.
lie we who grows wheat atter wheat, corn after
cern, for twenty years, will peed to emigrate


very fields that fed the amnies of Saxon 1Haroh seved theece, the the layk of it ruined those.
Boston Jourrel of Chenction
mimovemeat of grass mands
Thousands of meadow and upland pastures
re producing less than half the quantity of are producing less than halt the quantity
hay and feed which the land is capable of from a deficiency of plants of those kinds which are more procuctive and suitastere is
the soil. In some cases, where the pasture
very foul with weeds and moss, it is advisable very foul with weeds and moss, it is advisable
to pare and burn the old sward, and resow the
land entirely, as above directed In some land entirely, as above directed. In some
other instances it may be desirable to drain ond manure the land; but in most cases graent
and mpovement may be effected by merely sow-
int improvement may be effected by merely sow
ing renovating seeds (which should consist of
the finest and most nutritive kinds of perennial ing renovating seeds (which should consist of
the finest and most tutritive kinds of pereninial
grasses and clovers) in the following manner grasses and clovers) in the following manner
Heavy harrows should be drawn over the
old turf early in tho spring, to loosen the soil old turf early in th9 spring, to loosen tin sree
for the admision of seeds, which, if sown fre
ly, will occupy the numerous small ly, will occupy the numerous small spaces be
tween the grasses already growing, and supertween the grasses already growipg, nous weeds.
sede the coovse grasses and noxious
After the seers are sown the land should be carefully rolled. It is a qood practice to sow
these seeds the same time as the top-dresshese seeds at the same time as the top-deas
ing, if any is applied; but this is by means
necessary. The months of February, March necessary. The months of February, March
and Aprii, are proper for sowing the seds.
the earrier the better, as the old grass will protect the young from frost. It is also use-
fryl to sow in July and August, immediately
fter carrying the hay. Should the old turf he very full of moss, this is generally an indication that draining would be beneficial.
The following is, however, an almost infallible remedy for the minss, not only destroying it,
but prevanting the growth in future:- Mix two cartloads of quicklime with eight cart-
loads of good light loam, turning the compost
severnl times that it may be thoroughly several times, that it may be thoroughly yantity per acre over the pasture dragging
die turf well with iron harrows.-Land and

## ina the sort

In setting out plants on newly-ploughed mpact the importance of making the soil mpact aboit the roots. More than two
veeks since I had several hundred strawberry plants set out in light, ad, although the planting was carefilly done, I concluded to try the
experiment of rolling the entire surface over, plants and all, with a heavy iron roller. My head gardener thought this was useless; bit The result shows the benefit of compressing the soil; for those in the rolled portion of the
bed are alive, while the others are dead, there having been lo rain since planting. During
my entire experience in gardening I have niny entire experience
found that this sacking the earth above the
roots of recently planted trees and shrubs is one of the most important but usually most neglected operations. It is very difficult to
make workmen do this; but it should be insisted on by every one who is setting out
choice plants. If farmers would use the roller more on their meadows, and grain fields, they
Would tind their crops increased far'more than the cont of their crops increased farmore than
tiulit Wherever the soil is hohit thie roller is needed to meke the surface
more compact, keep out the drying, hot winds compress the earth against the seeds and root
 lump and p, wrise the surface soil, thereby
allowing the youms plants an opportunity 'to
 ayticuture aud horticulture, of which very
few persons scem to know anything. To tell
 ally wht, and then roll it down, seems to he
contuadictory advice; and so it is to those who have had ni, experience in such matters; bit
it is no more unphilosophical than heatin the .,ther a thin liquid.-Moore's Rural Nees

To Wash Flannels.-It is said that y putting an ounce of borax to a gallon washed, that not only. will shrinking be
prevented, but the garments will be better
maxagement of weedy land. At this season of the year noxious weeds
re pushing upward with amazing rapidity. re pushing upward with amazing rapidit, In tields where it is not practicabie to roo
theun up with some implement or hy phem up witing them by some hand, the topes shourd be kept down by a frequent use of the scythe
or horse mower. It is an exceedingly bdd practice to allow noxious weeds of any kind to go to seed, as the mature growth
strensthens and fortifies the roots perennials against any injury, except the
total eradication of every minute root. jut if the tops are kept cut down short the roots will be so much exhausted reproducing new tops that grass will soon
xain the ascendency over the weeds and maintain it. The grass of a meadow that is iufested with so many weeds that it is not practicable to pull them1 before the
crop is fit to be moved should be cut as soon as the blossome of the weeds begin to zappear, even if the grass has not attaine
half its usual height. If weeds are per half its usual height. If weeds are per
mitted to remain until the blossoms have mitlen, the seeds will mature and be dis tributed over other fields. pasture fields lorge bull thist the man. such broad leaves and branching tops that more than one acre out of six or seven is so completely covered with this growth that domestic animals cannot reach the gras which grows beneath the spreading top
When the number of such pests is smal the most economical way to exterminate them is to cut off the roots two or three inches below the surface of the ground with a sharp bog hoe or mattock, which will be is biennial, and root and branch will die at the end of the growing season. The object of keeping the growth down by mowing is to prevent sec crass to grow instead of thistles. By judicious management all such jobs may be performed between showers and in wet and lowery weather, when laborers cannot make fences, cure crops. By alljusting the cutting har of the mower to runfour inches high, one horse would mow over ongs acre per hour with comparative case. In case there there, let the tops be mowed frequently with hand scythes.-N. Y. Times.

Ph.aster.- $A$ correspondent of the $N \in w$ York
Tribune says:-If a persion will sow plaster when the land is dry and warm and likely to the results, for plaster is a great absorber of carbonic ammonia, as stated; but if he shonid undertake to sow it on wet land and in a colve
bleak time in the Spring, when the silve drop hangs at the nose, he may look with loth
eyes for the good results, and he will fail to
(Grchari) mio Horcst.
infli face of troy on the pry
In the last number of the ADtochre was
an article on the bencficial effects iron was thought to have on fritit trees. We now giv another testimony to the same entet, that have
ing:
 Thens Ysand dolua, aboutut tity nilits sast Veri Yorkk exhiuted some praning yimm
 witi yellew leaves, and the orvotites onzin

 Tie bork in tidy tow thot stitenge leand are green
 fruttrucs of all kinds.

LIME FOR SOLLS OF FRUIT ORCHARDS. On most soils, or in most localit per dressing of lime is useful to both peach
and pear trees. There are somescils whereit wil not prove of much benefit, but we are unable to give a certain or infallible indication by
which the propriety of fits application may be Which the proprietr of its appication may be
known before making the trial. It would
not be so likely to be useful where the ground not be so likely to be useful where the ground
has been previusily repeatedly or heavily the application of yard manure or by plowing under green crops. We have known it the
double the growth of trees on soils that ap pear to be quite similar to others where no enefit was produced. Over doses. or uneve rate of 100 to 200 bushels per acre, but maf
nesia lime should be used very cautiously, There is no material difference between common stone lime and burnt oyster shell.

> mulching fruit trees
ruit trees. In the first place, an abundan mulch of straw or chip litter, leanes. or what
not, retards the development of the fruit buds and saves them from the late frosts, which anis year have destroved half the fruit crop.
then it retains the moisture longer in the soil, keens it mra uniform in temperature, keep
the fertilizing elements in a more solub state, and makes stronger and better growth of wood; and all of these unite to produce more
perfect fruit. Mulching is the surest means perfect ruit. dry or well-drained soils, of
especialy in dry
securing vigorous and healthy trees, and it securing vigorous and healthy treess and it
only such trees that will withstand the ravazes of the borers, caterpillars, and nthe diseases to which our fruit trees are subject.
We have this season noticed many instance where fruit trees have been mulched with straw only, and in every case the henefits to the tree were most remarkable. Instead o
burning the straw, put it around your fruit trees.

## orchards.

In our little rambles about town and valkin the country we are in We do no merely have them open to see that we ar avoid the right road, or tacle in our way, but open also to observe and notedown in our memory much that others, though having a In eyesight, might pass by unouserver of knowledge for future use. We observe the care bestowed on gardens and fields,
and we partake, with the owner, the pleaand we partake, with the owner, the plea
sure of the well-kept border of flowers, sure of the well-kept border of
and the sweet scent of the orchard bright with blossoms.
me do not always see matters so well
managed and in such good order. We have taken down a few hints about orthat when they have planted an orchard that when they have planted an orther care of it, and lave it to itself. In this they are much
mistaken. The young orchard will doubtmistaken. we
less thrive better the more carefully the less thrive setter the ment tilling of the soil serves to enrich it, keeps it free from weeds, and helps also to keep away in-
jurious insects. Thousands of these pests jurious insects. Thousands of these pests
find a brecelinc-place and a safe retreat in
the wods that shonld be carefully extirpre weeds that the soil of young orchard trequently with the fork or hoe, not with
the plough, as it would be apt to disturb and injure the tender roots of the trees.-Have a root crop in the orchard-man-
golds, turnips, potatoes. or anything else that will need frequent hoeing. The erop
will pay you for the labor in the culture. Will pay youl for the labor in and the bark of the trees clean, and if inclined to be
bark-bound or overgrown with moss or bark-hound or overgrown with moss on
lichen, scrape the bark down with some blunt instrument, and occasionally wash yourself. Cleanliness contributes to the health of the tress as much as to your
own. All this eare requires little labor but it is necessary to the well-dony of your orchard. By keeping the bark of
the trees clean you will in a great measure prevent its being the receptacle of in-
sects. Remember that preventative is

Covering for the wounds of trees.
We have all found to We have all frund, to our cost, how in-
jurious wounds are to trees, and more than jurious wounds are to trees, and more trees die
once have we seen highly value from the effects of neglected wounds. We give from the Morticultar ist the follow-
ing recipe :- "The following compound ing recipe :- "The following enmpound
we have found to be the best and most
lasting covering for wounds, viz. rosin,
 of turpentine, 1 tablespoonful. osin and tallow together over a slow fir alcohol, turning in the alcohol slowly and stirring briskly, being careful not to have the rosin too hot or the alconol may take then turn into a wide-mouthed bottle
and keep corked when not in use. Apply this cement in a thin coating with a snit able paddle, when the alcohol soon erd he wood itself, and will remain on the wood for years.
Forest culturf

Time after time have we urged upon the armers of Canada the good policy of pro tions of their noble forests, and of plant ing trees for shade in exposed maces. What we have so incessantly pleadel for is being done by our neighbors over the horders. For shate for cattle great evap oration of moisture from the soil, it is ne cessary that we plant and preserve timber At the National Agricultural Conqress, following resolutions were passed throughout the Ue recommend farmen their hilly or otherwise waste lands, and trees, in such manner as to provide shelter belts or clumps of rapid growing and use-
ful timber. 2 . That we solicit the legisful timber. 2. That we solicit the legis-
latures of the several states to pass law providing bounties for planting tries, el and for the provision of State nurserips of young timber trees, and also the appoint
ment of an arbor day for the annual planting of trees, as has :lrealy becn done in the State of Nebraskil That we require, so far as practicable, that railroa the benefit of the homestead and othe acts donatios lands, shall plant with tim-
ber trees one-tenth of the land so donated."

Some people planting fruit trees prefer
retting them of such an are and size that they may soon begin to hear and repay ing seen the results of plantings trees at
too great an age, we would give our rcal ers a few words of advice on the sul A gentleman wished to plant snme fruit trees, and was desirous of havise a return
for his labor as soon as possibic. H planted trees twelve years old. He toil ing gare to remove from the uursery tho with large roots, and had large holes pre-
pared for them, applied gool compost to pared for then, applied gmmer hai then
them, and during the sum wer watered. He has watchen four yens, and from all hi trees he has not yot had a perk of thint though they hal hew
before their removal.
This is but one instance of many illus This is but one instance of many illus any but younsy trees. If you do your ex pectations of succeeding in fruit raising
are sure to be disappointed, and what lit tle fruit you mas be fortunate to get from your old tramsplanted tree will never be planted when young. In planting shade and ornamental trees
we prefer, in like manuer, to plant young
trees. In the first place, there is less risk
of any failures ; secondly, we can train a young tree in the most desirable form, and thirdly, young trees when , transplanted
grow faister, so much so that if trees of grow faster, so much so that if trees of
different ages be transplanted at the same time, the young trees will in a few years have outstripped in their growth those that were planted much older and larger. Of all trees, none of the cone bearing
snecies should be planted after they are five or six years old; after five years it is very doubtful if they will succeed.-|Ass'r
ED.|

 January number. We there sutgested it was
owing to the fungus at the roots, the effects of
which which pervaled the whole tree. Since then
Dr. Taplor, the microscopist of the agricultural
department departiment at Washingt tri, acting on our sugges-
tion, has taken the inncr hark of a stem of a yellowed peached tree ftak a just a atove the
ground, and found it infestul by a moliform,
threll
 We are safe in saying that the right direction
lias at tast been reached in the investisation of
the this disease and its renedy. As yet the subject ias not beenl exhansect inar has in cure of thie
been reacled in the cradicaion or cure of this
evil. This, hovever. is certain. that the application of hit water whd ashes has sived many
trees. Query. Is this due to the action of
heat alnue; ard if so, would not a peck of unheat aloue; ard if so would not a peck of un-
slacked lime about the collar of the tree well
covered upe by facking produce heat ennugh
to accomulish the samuc sesult; Every tree in every ordhard nught to have a
pain of ho water phatred zoud the collar of
the tree way



I have various methers for keping these
insects ,ff plum trees, , but no nes inmpe nor

 to burn the culs after the fruit ripens, as they
will be funch full of yount insects. $A$ good
whan is to change the eoolhs every few wecks.





numpac.
The season for budding depends upon the
proper condition of the stock intendel to be
orked, and upen the maturity of the thids to he


 - The hudhing season lowins ahont the middle


 proper condition
are the least so.
"The leaves should be taken from the bud-
stichs as soon as cut from the tree, as the branch withers very quickly with the leaves on cut away the leaves a little beyond the point of Buicks in damp moss or a damp cloth as soon
Buts propared. be cut with
very thin portion of wood, and my practice is
to leave this in, excent in cases of very stocks. "In cutting a bud begin below, bringing th knife out alove the bud; this gives it a yood
point and shape. In making the eut upon the
stock for the insertion of the bud, the horizonta stock for the insertion of the bud, the horizontal at
cut should be firist made with the blade held at an angle of 4is degrees, the edge towards the point is thrust, obviating the neeessity of raising
 he best for the insertion of the bud.
"Careful tying is neessary, and the band"Careful tying is neesssary, and the band-
aqe should be drawn close to the eye, abive and
below, drawing ast tiont as te good bass bark
tie will warna t," This is the inner bark of the Tillia A mericana,
commonly callud linden, and is procured by strip ping the bark from the trees. hat is then cut
into oonvenient enkths for handlin?, and is
placed under water for a few days. The inner
 en or twelve incles in length, and these ar
 The Boprr.-A careful stady of the
habits of this pest to the nchard, will es tablish the following faits, which, it
promptly and vigugusly actel upon, caut extent, from this attick. It seldom at those that, from iosing recently transplant ed, or from neglect, have become weak or
sthuned. Where trees are tramed with 1all, nikent trinks, exposed to the scorch-
ing rays of the sum, the blatik becomes
thickened and comparatively inert, and specally so won the trees lean so as th receive the direct of the day. This furnish
the hottest pare field for the operation of the
ef an inviting es ar inviting fich for the operation of the
horer, producing what are commonly called
" "sum sealds", but a cloxe examination will
invariatie shuy to the the worls of this After a careful study of all the remedies
promosed, as also the habi's of the cneny, we would recommend the following as the
nost effectual: Mix soap, and water to the consistency of paint, and into thi
throw ans refise tobluco that can la procured; let it soak for a tew hays, or stee,
for an hour or two orer a fire, and when cool, apply with a brush to the truk wh
large limis of the tree ; and repeat th saune as oftea at it may be washed off by
dretching rains, till ahnot the first o
fuly After which, for that year there i no danger. Keep, an eye ronstantly on
the wateh for the intruder, and wheu his pathway can be dscoverad, bill by huming with so:p,
A wice, low-sineading ton that wil
complecty shade fine cutire trunk, is al most a we preventative, whl if the grom.
can be kept quite wet fir tro fect rom
the tren is nearly as effective.
 often mate in the whace for applying the
matime. I Ah hum not he incontiact with spring 'Itie terminal roets of an apple
tree ifteen years old, in good soil, are from still farther in older trees. These fine hair-like roots take from the soil all, or nearly all, the nutriment for the fruit
Consequently the manure should be applied where they are-for a tree fifteen years old, twelve to sixteen fect from the trunk; for one of twenty to twenty-five
years growth, eighteen to twenty-three
still farther. But in all cases we woul
commence the dressing as much as three to six feet from the trunk, thickening it out
ward, and then tapering off, so as to make the dressing about where we suppose the finest roots end, but much reduced both inside and outside of that ring. If the ob jeeds, we would pile the manure agains the trunk, for the rains would wash it outwards and would surely produce growth of some kind, but not of apples. Why do
we see everywhere so many orchards with we see everywhere so many orchards with
trees looking somewhat thrifty bearing abundant leaves, but no fruit? It is not because the soil is exhausted ; the soil, in many cases, if ploved up and cultivated,
would give forty busuels of corn, and then if seeded down, two tons of hay to the acre. Extreme poverty of soil is not al ways the cause of failure. They fail to bear, because the growth and former fruit
in\& of the orchard have exhansted the peculiar substances required for the apple tree and its fruit. The tree gets enough of its peculiar food to keep it thriving
moderately, but nothing to spare format ing fruit; and so the tree lives as long as it can, by appropriating all the food it can get to sustain its own life, but yields no
more fruit till the lost ingredients are restored.
the soil, lack of space forlids us now to to large ; but we will say here, that for large trees, bearing less and less every year, the
following compost could hardly fail to pay well. Two cart loads of fresh virgin soil,on which no fruit trees had ever grown; two
bushels of lime, two of wood ashes, and one of come for smaller trees. If apple tres wood is ever burned as fuel or otherwis, itse ash may well be preserved and applied to the orchard, as it of course abounds in the
material required. Insteal of the tresh material required. Instened the fres vegetable mold of any kind, and decayed leaves, grass or weeds, may be used. mixture of all or any part of these, is good
We think barn manure is not the right thing. If green, it may prove injurious purposes. Soap suls, refuse lime, after whitewashing or plastering, and the lim
from old buildings torn down are all good especially the suds. Throw it up among the lower limbs and let it trinkle down treated in this way with advintage, whenever any roughness of the bark appears, pronmeil the sums be notorer stronge. is
it usually comes from the laumdry it is
sife.-())

Stock and 盎aing At a recent farmers' discussion in scot
land, the following peints were taken up, as the leading essentiats in securing the
improvement of stock:-" 1 , pure houl; hith strain of hood;:3, a sound constitu-
tion, free of liereditary disease; 4 , substancy, symmetry and quality; 5, a tocile
temyer." One of the speakers gave the fol owing good advice-since, as he sald,
is most important for any farmer that he should proceed as rajidly, and at as little "As it is the general recognized maxim that the exterior form partakes more of hie dam, and as one sire will, to some ex strelk, white a female gives but one su-
perior beast, I would say procure superior perior beast, I would say procure superio
males at whatever cost; and should the he too expensive for the size of the farm
let two or three farmers join in the pur chase and keep of one animal."
Clover for hogs.

An Ohio hog raiser advocates the sys
tem of pasturing on clover in the summer He presents as the clover in the summe He presents, as the advantage of the plan,
the statement that an acre of ground in
clover will pasture five hogs four months, an acre to feed them the same time. T cultivation of the corn he counts equal
the rest of the other half acre. He thur claims that hogs pastured on clover are in far better condition than if fed on
corn, as they are better framed, healthier orn, as they are better framed, healthite land is enriched by the clover pasturing.
cross breeding,
The celebrated naturalist, Charles Darw makes the following reluarks on the eflor The possibility of making distinct race crosing has been greatly exaggerated. can be no doubt that a race may be moditied
ly occasional crosses, if aided by the careful election of those individual mongrels which present the desired character; but that a race two extremely different races or species, I an hardly believe. Sir J. Sebright ex alled. The offspring of the first cross
vetween
two pure breels is tolerably, and etween two pure breels is tolerably, and
sometimes (as $I$ have found with pigens)
exGremely unitorm, and everythiug seems simplo nough; but when these mongress ate crossed
with one another for several generations, hardy two of then will be alike; and then the ex trene diticulty, or rather hopelesness, of thie
task becomes apparent. Certainly a breed intermediate between the two very distinct breeds could nut be got without extreme care and loug continued selection; nor can I find a ng been thus formed.
When two distinct races are crossed, it Hotorious than the ethdency in the offispring to nd endures for many generations. I have nyself had the clearest evidence of this in rossed pigeons, ind with various plants. Mi
Sydney states, that in a litter of Essex pigy Sydney states, that in a hitter of Essex pigs,
wo young ones appeard which were the mage of the Berkshire boar that had been
asd twenty-two years before, in ased twenty-two years before, in giving size
and constitution to the hrecd. I
observed in and constiurion Sotley Hall, some fowls show-
the farnyard of
ing a strung likeness to the Malay breed, and ing a strung likeness to the Malay breed, and
was told by Mr. Tollett, that he had, 40 years
 thongh he had at first attempted to get rid on
this strain, he had subsequently given up the his strain, he had subsequelutly given up the
attempt in despair, as ne Malay claracter would re-appear.

## 

The following pxtrats. aken from a of latter and cheese is Ciub, of Coldwater, by A. J. Aldich :--
I propose now to siay a word with regard to the
butter In speaking of this particular topic, I have
only one comparison to make, that is, with the only one comparison to make, hat is, with the
average price of cheese and butter as received
by farmers generally. The care of stock and by farmers generally. The care of stock anul
of milk, so far as cooling, and cleanliness are of milk, so far as cooling and cleanliness ar
concerned, is the sume whether we make chee or butter. Buat there are many other things in naking butter which take extra time
and labor in doing theill that can be dispensed with in makng cheess? the creall, and no wivint of the butter. Af
ter it laves the milk can is the care of itat an end, so far as the farmer and his wife are con-
 ter is double that of making cheese. The pric
for manufacturing cheese at our factories $2!$ cents per pound; while the price for mak iny butter is 5 cents per pound.
The question now is, how much milk will ed with the guantiyy to make me pound buther! If course it will vary witi difieren
scasons, and even with different days. Ti'h amount of milk used in making one pound cheese varies from 9 to 11 libs.; to make one
pound of butier, from 25 to 20 lbs. of Pound of buter,
The resnit will prove that we can make from
$2!$ to 3 ibs. of cheese where we can make one pound of butter.
During all the past year, butter has varied from ten to twenty-two cents per 1 h . During the months of Juy and August, it will take
from 30 lbs. and upward of nilk for one pound of butter. Indeed, I imanine that not many
farmers will make a pound of butter from less farmers will make a pound of butter from less
than to 40 俍

Iner. I do not make this statement rashly, bu
oin the authority of Hon. Zadock Pratt began the bisiness in $185 \overline{7}$. He made hutte and mir elght months it averaged over 39 lhs. phised with all the conveniences necessar: with all his faciiities. what to ouk that amaunt the ordinary facilitis, what 1 could it take with that I would be perfectly safe in sayins that he average farmer will not come np
the average of Mr . I' that is the case, the milk that will make one pound of hutter will make nearly or quite four pounds of chesse. But for the sake of placin's
the matter in as favoralle light as for the average farmer, I will take possible
pounds of cheese pounds of cheese to one pound of butter, with at proportion and the arerage price of butte
ard that of cheese at 12. c.,., we shail hace for butter. In one casc 30 pounds of
1 niik brims 16 c , in the the milk brings 1 lic., in the other it brings $37 / 2 \mathrm{l}$.
difference in favor of chese of 21 c . discomut the price of cheese-making, we have 11 cents in favor of cheese. But we will tak cheese at the lowest price and butter at th
owest price, and see where the balance rests We said that nine cents was the lowest price yield 2 che. Three ponnis of cheese woul yield 2 ec., and one pomind
in favar of chees. Deducting the price of
 or cheese, or suc. is favor of cheese. 1an than this, and the experience of dairymen wil ar me ont in these dedretions.
to keep hams in sumaler.
Some bag them and whitewash the bags,
which is troublesone and somewhat expen Which is troublesome and somewhat expen-
sive; some cover them with diry wood ashes and pack them in barrels and cover thent thoroughly with pine shavings; but the best
plan of all, and certainly the least expensive with all who have a smoke-house, and every farmer should have a good one, is to keep the
hams hung up in the smoke-house hams hung up in the smoke-house, which
should be kept perfectly dark at all times. Hanss so kept two years old, were among the best we ever tasted. Uniform darkness is a complete protection
insects.-W. 1 iural.
$\qquad$
and C cattle feed.
One of our substantial subscribers, in training neat stock affected with the hahit of eating wood, chewing bones, 8 c . 11 is cattle were one spring affected this way,
they became thin in tlesh, refused to eat hay and presented a sickly appearance. He had
no impression that their food lacked the conno impression thatit their food lacked the con
stituents for making bone, but his neighbour sised bone meal without noticing any good
results whatever. At last, he put about foul results whatever. At last, he put about four
bushels of leached ashes in his barnyard, and burhew out to them about a shovelful each day.
threw ant ate as if with evident relish. After
Thy all ate They all ate as if with evident relish. Aiter
turning them out to pasture, he put one peck of dry ashes per week on the ground in the
pasture. They ate all up, and gnawned ofli he grass where it had been lying. The catlue evan to improve, gaining flesh and looking
better than they had done for several years. years argo, from the fact that the ground was new and ashy fron the burning of the woods and land clearings. Latterly he gives onte nurt of ashes mixed with the same quantity
of salt to twelve head of cattle, about once a-weck.--Live Sucti, Jourmal.

> A practical breeder gives the following advice, which, in the main, we think sound, for those whose herds are not too large, and who are encaged in mixed husbandry: To handle hogs to the best ad-arasses- a plover blue grass and timothyand it $i_{3}$ hest if there is no running water is stock ponds in the lot. Hogs do hetter to wallow in. In place thereof, have good well water pumped for them. Having roughs made, and nail strips across eight inches apart, to keep the hogs from lying put on floors, to keep them from digging up watlowing holes. If any feedfbe given,
it should be soaked in swill barrels for 12 it should be soaked in swill barrels for 12
hours before feeding- no longer-and fed
to them as drink.-Colonial Farmer. to them as drink.-Colonial Farmer

## FARMER'S ADVOCATE.

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| Ther rat and fure werc alive with then, |  |  |
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 ed under the new systern. We venture to say
liat oue and $a$ q 1 a ter arres in in jay and gra

 swen who practice soiling, and not one of then
millows more thaut two icris per head. It vill
 an be nade to feed twive or three tinters as
namy catte by the soiling systew. TThird, is ie saving in manure, and this is the most
upportant consideration of aul.
Manure valuable evein cu the virigiu soin of the
rairies. No anvunt of malure is wasted
 sen the soiling system enables the farmer to
cepp duuble the number of aninials on thie

 exhausted" under such ic system, but will
constantly increase in fin fetititr.
a fourth consideration is, that there wil be a large
extra product of wilk, buater, or beef; ennught - pay fur the labor ut soiling,"
Lo show the tlinint nure cleary. let ns place
 vided into six lites, with fifteen head of



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\begin{aligned}
& \text { Board for ma } \\
& \text { each } . .
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$$

Profit.
Fo yearly expense of fencinīg and rent ${ }^{\text {DR. }}$ Traunpling down of grass
Interest on cows, at $\$ 300$
tweive per ceitit for five months.... 22. 50

fifteen cows products, at $\$ 30$ per
heall............................. 00
Profit. .................8265 51


 near the trath, soling has an inmmense ad vanWe cone now to the foumpation of all
suceess in silining, viz, the treen crups to be
 Solinimers winerer ve, whiech coumes first, atd is treen food; next clover and other grases in
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Mr. Mic the next 1

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## FARMER'S ADVOCATE

 $\begin{aligned} & \text { doout if any imported stock will surpass them. }\end{aligned} \left\lvert\, \begin{aligned} & \text { them. Sir William Logan, inherits } \\ & \text { manufactured by M. Moody, of Terrabone, desiriale e that a number on appications } \\ & \text { should be made at one time, so that the }\end{aligned}\right.$ fair in 1871, and was awarded the diw this estate from his hrother, who formerly was the victo.
 adgnent or other, $I$ only got the second prize Stock should carry off the prizes, not menio. Whalen, June 27,1872
SIR, - Crops in in general are promising;
his vicinity, except where destroved by ti this vicinity, except where destroyed by the
bug. Some have ploughed up field of peas
that that have been entirely stripped by these pestr
As to the joint stock courpany for the
 extend the influence of that valuzble s.hee
should meet the warm approval of its reader Somerville, July 10,1872 S.
Sir, - I ploughed a field in the fall of 1869 Sir, - I ploughed a a field in the fall of 1869
and ploughed the land all around the field $i$ the fall and apaiu in the spring, and sowed
with oats and seeded it with clover , the esmall
 two weeks later than the rest of the field, the
land all being of equal guality and the seed land all being of equal quality and the seed
the same. Will anyone be kind enough to


VIEW ON SIR WILLIAM LOGAN'S FARM, MONTREAL.
hreeders as beiny a yood judge of this class of mimals, and an excellent farmer. The
scenery $r$ reuresents the back part of the scenery remessens a small portion of the
farm buildings and
house on M. Logan's estate. A part house on Mr. Logan's estate. A part
of the mountain from which Montreal of the mountain from which Montreal
tales its name is also shown. On the talies its name is also shown. On the
kide of the onountain nay be seen the resikide of the montraiu may. The engraving
dence of Sir H. Allen. The dince of sir ir Alland favourite artist,
is made berrie. We home to give the repre-
M. sentation of mor
and farm scenes.
We write this hurriedly, as we are still on our tour, and hope to visit many more places during the season. We are obtailiing information that may be of value to
ourselves and our readers. We regret ourselves and our readers.
that we cannot devote es megh time at that we cannot ech place as we hould dilie to do, or visit
es many as we would wish.
anture as many as ae would wish. Fruture
numbers will contain more particulars about some of the tarms and stock in this
art of the country. trial of mowing part of the country. A trial of mowing
machines on this farm tool place while we

## Emigration.

 ploration and surveys. He appears anenthusiast. He is deyoting his whole time enthusiast. He is devoting his whole time and attention to a minute survey of the some time at least, bee estimated by the
eastern townshins. He is doins this at eastern townships. He 18 doing this at his number of her people. Our natural re ntroduction We had the pleasure or an sources, are inexhaustibled inland lake gentleman, being between seventy and mite all that cand be desisired to make Canada ghty years of age. He hasrented the farm one of the first nations on the earth. Ou Mr. Irving has for his attention to hyrshirie cattile. His heer as referred to carried off the first phize t, the Provincial Exhibition in Kingston, in 1872, and the first prize in Quebec in 1871
His bull, ""Robie Burns." 18 a very fiue nimal. "Mountain Maid," the toow staunding near the bull, is a favourite of
ours. "Stately" the last one in the picture,
with her head turned, is also a "bonnie leastie" " head turned, is also a bonnie
 uale rapid advancement in wealth and nucleus of a settlement could at once be formed
Owher nations are doing all in their
power to attract emicrants from Euro power to attract emigrants from Europe.
The Empire of Brazil as well as the The Empire of Brazil as well as the
United States are offering large grants nd free homes to colonists; and some of their agents are, we have reason to believe,
endeavoring to dopreciate the alvantages endeavoring to dopreciate the advantages
of Canada that they may thereby the nore of Canada that they may thereby the nore
effectually divert the tide of emigration to their own shores. From the St. John's Telegraph." N. B., we give an extract of

> obstacles to mmicgration.

In some of my previons letters I think In ome of my previons letters Ithink
I stated a few of the ditity calties attending our mission, and gave you an idea of the notions of the poople with regard to Ca-
nadid. I did not tell you that another form nadial I did not tell you that another form of opposition has recently made its appearance, in the form of gigantic Ainerical Canada through the press, and publish

View on Sir Wm. Legan's Farm, Iontreal.
he provincial prize herd of ay SHIRES, 1871 AND 1872 -THE

This farm contains nearly 200 arres of
land,and is situated close to Montreal. The soil is of excellent quality, is well manted this is one of the farms from which w have obtained seed for our western farmers The sight of the crops on this farm woul please anyoue. The wheat, oats, hay an seen in Ontario. Here we see as fine
picce of horse beans as we would see in
England. Three and four acres are culti vated on this farm annually. Line hedges tock
Should any of our readers go to Morm

The arrangements inade by the Govern
ment for the reception of immigrants fron Lurope, naturally leads to the enquiry, if
similar advantases were accorded to the young people of our own country, it would not be the means of a large num er of them, instead of seeking employment in other lands, making homes for has oftens aung us. We know that it has often been the cry that no encourage well as other young men, to take upand well as other young men, to take upand
settle upon the wild lands of the country This may be true to some extent, and it is very easy to provide a remedy. There hould not be given to every one, whether a native of this or any other country, and
we are inclined to believe that should a number of young men assemble together for the purpose of settling on a location,
they would find no difficulty whatever in obtaining land on conditions similar in all respects to those now being settled by the respects to those now being settled by the
Danes. Isolated cases are difficult to

Thallir, the head
Thallir, the head of the Nebraska Land Company at Liverpool tells the trut),they told me a short time ago that their com pany alone had agents in every city and town in Great Britain, that they distributed 100,000 pamphlets a month, that they had three times as many agents, an were spending three times as much money as the whole Dominion of Canada
Nevertheless, in the face of all this, the immigration to Canada this year far ex ceeds any previous year, which ought to e accepted as a proo that the Dominio ness, and that the system inaugurated by the Hon. Minister of Agriculture has been minently successful. In fact, I think the hostility of those land companies is a proof
that the Dominion agents are being felt as a thorn in the side of the American land siveculators. What slare our Pro I I am unable to tell.
The Immigration Report for one month

FARMER'S ADVOCATE.
gives a pretty good idea of the numbers
making a new home in the Western world. Conld we but retain the emigrants in $\mathrm{Ca}^{\text {a }}$ nada that come to it, and convince our
people by facts not words, that the Domi fion is the best home, we would do much
mMIGRATION REPORT The returns for the month of June at English. $745 ;$ Irish, $210 ;$ Scotch, 370 ;
Germans, $850 ;$ Norwegians, 900 . Of these Gumbers it is estimated that 1,550 went on to the United States-namely, all the foreigners; the remaining $1,3.5$ stived in
Canada. For the first six months of this year the number arrived at Toronto was 10,523 ; for the first six months of last
year the number was 14,876 ; but it appears that a much larger proportion of the immitrants remained in Ontario this year
than last. It is also stated that the dethan last. It is also stated that labor far exceeds the supply. Farmers, last week, were offering for
hands from $\$ 20$ to $\$ 2.5$ per month, wit

## Jottings in our News-Room.

 Protection against motr.We have every pring many modes offered
protecting furs and wonllens against the d structive attacks of moth during wa m weathe
We lave seen various preparations purpose, with long accouuts appended of their
being perfect remedies. Red cedar chests and ber their bouses with them at considerable e pense, only to find
The best protection we ever tried has been to
ie up in close cotton bags all furs and woolleng at all convenient to be os treated, after giving thent them remain there until they are again want. he way.
 But when the clithes or articles are too numer-
 whe, laying a tew in the bottomi. Then, aboun
very three weekd take out the clothes ni
hake them up well. No moth will ever dis hake the
nurb the
tanding auntidote for powsin oak, ixch cte, is th




 soaked in water for a few mininutes, so that the
will not extract the whter from the martat.
oilder to have mortar hecome very hart, it ina dry stowly. My laying wet bricks the mort
will set siowly, dry slowly, and erentually come almost as hould be covercd at the top wi

 paper, or calsomining on the inside. A chimn
top made as above wil stand the influences, the weather over a hundred
pair.-Industrial Monthly.
opportunities neglected With all the characteristic energy of the pen
ple of this noble onomtty it is a renararable an
lamentable fact that the children of those wl have raised themselves tos social position and in
fluence by their personal efforts, almost invari ably waste what their parents accumulate
With superior ailvantages an 1 a bright prossect With superior awanta,
before them to ocupy a higher place than their
prudent, perserving fath-rs, the fall by vic prndenis.
ang diss.
inges.


 tabor for their children, with an ambition to
leave them usefu and prominent amnon men.
But necessity alone develipes power, and honest
devotion in the But necessity alone develi, pes power, and honest
devotion in the steady pur= it of reputation
above reproach secures what those who waste
their opportunities never obtain-a good name. In Siberia, during the winter, milk is bou hht and sold in a frozen state, and can b
carried for a long period in a simple bas. Wried ror a pured for use, the requisite quantity.
When iequired off with a hatchet or sheath knife,
and thawed as needed. A conllition powder, made of three parts
salt and one of ashes, and given to horses. at the
rate of a handful twice $a$ week, is highly comrate of a handful twice a week, is highly com
mended by the Turf, Field and Farm. If Iittle sulphur is added to the dose on
night it it woll be beneficial. The preser
valuable for other domestic animals. valuabie for "ther domestic animals.
Mr. G. N. Lawrence describes, in the Utica
Weeckly Herald hhis method be leeping wlicte
specks out of butter. He says: specks out of butter. He says:- Take a wire
sieve, with mesches about right for siting corn-
meal, and put the cream tirinugh it, rubbing it meal, and put the cream tirwurh it, rubbing it
with the hand and no specks will appear in the
butter or hutter- inik. It will also take one-
third less time to bring the witt butter or butter-milk. It will also
third less time to bring the butter.
Brooms And swerring, If brooms are wet in boiling suds once a weekk
they will become yevy tough, will not cut the
carpet, last much honger, and always sweep like
a new broomn. A very dusty carpet may be

 water, may yeed to be changed once er twice in
the carpet is very dusty. yov. sprinkled over
a carpet and swept off bef., ite it has time to nelt
 carpet. Moistened Incian meal
goon effect by sume howisekeepers.

The mills are flaterin! notices of the lands The mnst flatterine notices of the land triously circulated throughout the Do minion, and in many of our country ex
changes we meet with glowing advertise ments of millions of acres for sale, at 10
mearr's credit, stating that the products will pay for the land and improvements within
th limits of this gencrous credit. The hait has been sufficient to tempt some t leave Canada and
tunes in the West.
From two who have yielded to the
temptation, and gone to the country that held ont such delusive hopes, we give ex
tracts of letters. They have found to thei loss that hills that are green afar off mas To the Elitor of the Kelso Chronicle. Sin,- -1 noticed in your paper of the 31 st a
raragraph healed " $A$ Rave Cuntry ior Far

 nepsite, extracts from two letters witten by
peisons who were beguled inte that Western
Eden Eden. The fi
who writes:-
"We found no difficulty in taking up 88
or 16i) acre lots and went to, :ork aud plough ed up a good share, each helping the other-it
requiring the strenth of three tout harse,
to
tirst
much
thin thing sown on it would be parched uf. May.
Jure and J July are the onyy months in whicli the prairie sod is ploughed; if tarned up at Sequently had to wait eighteen months before
wie liad any return for our lab ur. We then reaped about 17 hushels of wheat to the acre
wtich we were otligul to haul a distanc-
.

"We were debarrell from raising any stock,
owinct the want of material to brid fences fiom sandy P, int, (n the Miss muri river,
distance of 15 miles. It cousi, ted winlly c,tton-whed, abuit 8 ix inches in dhametr, foet
which we had to pay $\$ 25$ per thonsand fee
From the great severity of the clim te in winter, we could not use these wooden buid
ings for dwellings in the cold season, we con
sequently were obliged to follow the usual
custom of digging ' goffer-holes' in the ground,
covering thelu over with prairie grass and
earth, which formed our winter habitation earth, which formed our winter nabitation
five months of the year; sheltering the cattle in somewhat sinilar stucc ures from which,
they were not taken during the winter-hay, way were not taken during the winter-hay,
water, \&e., being carried to them. Our fireood we, got frem the Missouri river, a disance of 15 niles. We paid nuthing for it.
ut, as it was composed wholly of driftwood, ut, as it was composed wholly of driftwood,
is yearly leconing scarce. My object in 1s yearly lecoming scarce. My object in
pennng these lines is that they may act as a
arning to farmers." arning to farmers.
The other letter is written in, and dated
Nebraska City. February 7 ", "Nebraska City. February 7 th.", and address, London, and states:-
"I lave just received a capy of your paper colunn of 'Annals of the Poor', a letter re-
latny to Nebraska. I fully endorse all he has Witten. and can ald a few more facts. I feel prisons from Eugland are expected here this would puzze a thilanthropic lawyer to tell. Thete is not a single manufactory in the whole
State- neither rion, coal, nor timber. Before State-neither riron, coal, nor timber. Betore
I ieft Euy land I currespoided with one of the
Nebraska commissiuners, who informed me Nebraska commissiuners, who informed me
that the climate was like England, and car
penters earned from 14s. to 201s. a day, and there was plenty of work, as the hou hes were
m'stly of wood. I did not expect to get
 disappiointed. I speak now frem thave I be ber of two winters and one summer. The winter
are fearfuly cold-everything freezes in th house, including ulk, bread, and eve e paanf
fine oil; 1 lank ts fretze un the bed at night; fat nxen, pigs, \&cc., frepere to death in theer stable is
human being often meet the same dismal fate; many have boeni frozen to death thi
winter. The widi and suow-sturms are als dreadfully severe. To, work durine the winte is next to an inp, ssiblity, v von if there we
any to do. In the sunmer the weather intensely, (ppressively hot. Weryt! ing has to
be iced. There is sarcely any emulayment in the whole state; hardly any brick work
for there is no brick ea'th. When there is a
io for job for one carpenter, there are four or five Wages also are not near as high $\& 8$ stated in England. Carpenters getfo: onss. to $12 \approx$ a day such as beef. pork, tlonr, corn, m an and
and and market here fammers are compelled to sell for Whatever ir irce they can git. Holse rent is hire is also taxed. even to a chert of drawers;
machinery and tools also. Woo len goods are very dear. Cotton fabrics are great y infe: ivi
to, English manufacture, and treble the price Chmmint tea sells from 5s. 6d. to 8 s per poun 1 ; sugar, 7 d and sd. per pound, matclies, like (ur balipemny toxes sell fir fivepence each;
common iuk pel hy bottles, fivepence; penny
To sum up, we
 wanted here are those with plenty of har
cash tol huy up la, d and busin+ss lots. If any man laty slenty of money, nerves of steel, a
cinstitution warranted to, stand all climates and last, thut not least, an ' India-rubher conscience," he mav do very well here. Any one
not possessing theee qualities. had better stay 1 think that after reading the above, which
it the othir side of the subject, many will aeree with me that Nebraska should b men to think of emigrating to. We.t-Wing. June 3 rd.

## Sales of Shorthorns

The two "Dutchess" heifers for whic Mr. Cochrane pain 2,50 , Muineas in Fnis
land, arrived at his farm, Hillhurst, Prin vince of Quebec, where they produced two
heifer calves which at less than a yoar old he soll, together with another " butchess
hull calf, to Lerd Dinsmore, of Scotlandthe heifers at 2,500 ynineas for the two
and yon guineas for the bull. They were shipped to England a few months ago.
much for our Canadiain stock breeders. much for our Canadian stock breeders. two Shorthorn heifers to an English pur chaser for $\$ 13 c 00$.

## Better Blood Stock for Middle

Messrs. Reynolds \& Beattie, of West minister, have purchased the renowne Blooded Stallion "Harper." He has
gained such reputation both in Canada and the States as to be well known. He undoubtedly the best blooded stallion that has been owned in this county, He may
be seen at his stables in Lanibeth at any be seen
time.

## Seed Wheat.

The Scott, Weeks and other wheats will be supplied at the Emporium at a smal advance on cost prices. We commend the
Scott wheat to those who have not yet Scott wheat to those who have not great
tried it; it cannot but become in gre demand when it is well known. 4-ounc sample packages, with heiu, seut by por specting this yrain next month

## Grasshopper Plagu

The farmers on the secoud and thir oncessions of Yarmouth, on what is calle he Yarmouth Plans, are now suffering the most serious losses they have enver by a plague of grasshoppers, which swarm in nillions on the land, and are devouring very growing crop. Mr. S. Smith has lost twenty acres of wheat, the of harley,
and the sanne of spring wheat. Mr. M. Burgess has lost ten a res of spring wheat, en of bariey, and his potatoes, ten acres,
will probably be a total loss. Mr. Banwill proba
bury, on
ureater reater part of his crops, except his fall wheat. Other farmers have lost similarly and im some cases even the leaves on or-
chards have beca caten off. These grasshoppras did consideratle damage last year
on the farmo of C . Burgess and B. Wintemute; but this year they have so increased that they have hal to enlarge their
field of operations, till they now cover a circle two or three miles in diameter. They appear to be of a different species from any seen in this collitiry bore, a cau change their course when fiying with apparently as much ease as a birit. If these grasshoppers deposit their eggsplen-
tifully this summer, and if the egys pass tifully this summer, and if the egys pas
the winter uniujured by the frost, the farmers of Yarmouth, and probably South wold, may expect to be visited next summer by a pesticnec comparea wre whic
ice of a remedy for the [We gave notice or a remeyy or thes to sow a strip of Larkspur by the side or through a fieid where they are numerou It is said that the Larkspur is eaten like to know if any of our subscribers have put the plan into practice ; if so, we
would like to hear the portant that we the results. it is is stroy the mumerotus pests that prey on our

## Pleasant Paragrapha.

-Sambo, in speaking of tie happiness of gedder huw they enjoys themselves." -Teeth extracted with great pains, is the -A class of men who will knock down all they can. Auctioneers. A man incarcerated the tombs has been figutring in chalk on the walle of his cell: $\xrightarrow{-}-$ In New Yok city the spiresof 342 churches, worth $\$ 41,130,000$, point heaven ward. I'm
here for stealish a ioaf of bread for my staryhere fors stea
ing chilid."
" The mideran wont contemporary thus write :drive, doesn't wait for her hishand to co me
honie. Slie cat hes hold of the nail as she honie. stie cat hes ond of the nail as she
would into the hair of a recreant sin. swinks we hammer over iler head and plunges downarr. Then she ties up her hingeis as we
as the can, puts on her vest bunnet, and goes
sight over to her mother's for a good as the can, puts on onerer's for a good cry, and
right over to her mother
and her tean

## FARMER'S ADVOCATE

## ©hat Apiay.

At the late meeting of the Vermont Board of Ayriculture, a paper on Bee Calture was
read by 0 . C. Wait, Esq., of Georgia. read by 0 . C. Wait, Esq, of Georgia. Mr
Wait said hone sells hather than sugar and costs less. Ten good colonies will earn nor
than tentgood men, scientificcare willee.lfavor ably. Bee-keepiag nayy becoure as cuilulon
here as in Prusio, and not only be a great source of revenue, but a common luxury
Mr. Wait gave many pariculars of Mr. Wait gave many parriculars of the hiss-
tory, manquement and habits of bees, not only of curiuus interest, but of iumportance to any
who may choose to engage in the buiuess. For 3,800 years the history of the bee has bee race. He referred to the use of honey as foo not made in God's habits - neatness, industry, economy and government- may proitaoly be 1 mitate should keep a few culonies of bees for The mors perfect growth of his crops.
They carry the pollen from flower to flowe and thus, whils ga hering honey, they spread
the seeds of growth and multiply the fruit Statistics were given by which it appeared that ecewnies would produce from five to two
hundeded and sixty pounds a season, whic an averag eavout 29 cents. He though investnentlof $\$ 600$ would, yield itbut $\$ 900$. He said a single quecn may become the mother
of 560,000 bees. Bee-keeping outhr not to be considered insignificant under these circum
stances. It is eay, fasciuating, and philoso-
phical besides. I. and showed by low estimetes that it may b, made more profitable than any other:

Bees are exceedingly susceptible of atmos pheric changes; even the passage of a heavy
cloud over the sun will drive them homp; if an easterly wind prevails, however fine the weather may other wise be, they have a surt of rhuematic abinrrenceof its influence, and abic
swarms leavina their hive One of the most vexations things the bee-
keeper has to submit to, is that of swanly leaving their hives. After bei،g called from an hour or so iu hiving them, it is very pro-
voking to find, a day or two after swaru has gone, and the hive empty; furcibly swaruh has gone, and the hive empty; forcibly
renining hum of the statement, mu lily
Writ, rwines make themsclves wings and fly Writ,",
The old fogy beekeeper has no idea whate the beess leave the live-he " just put the in the hive; the next day they were goine
ly questioning hima a little you will probably
find hat he put the sin find that he put the swam into a hive that ha
been standing in the sun, and very likely wi cobwebs in it, then left it unshaded, and no a coul clean live, but after gettiog a majority of the bees in left them, suppusing the refound the swarn gone., He probaty did not
gete the cueerin the live, mad the bees inside her. mished one, and the quetil wis the 0
left. to be attere are a few things very necessity swarm will stay. The live must be coul and possible after clusterinc; every bee, or at least every cluster of bees, should be made ventiated from below, and slound be wel
shaded and kep, as cool ins plosible. If a frewed swarnisinved dung ery warm weather, many times induce the bees to stiy when they would otherwise leave.
No swarm can be reasonably looked upon
as permanently located till it has been lived at leate four days; by this time larvas are hateling from the egys laid in an woub
which the bees are loth to leave and But after the carefel bee-keeper has attend ed to all the detai smentimed above, a swarm
will will decar-maly leave the hive- why it would
ba difficult to tel. With the frame hive a frame of young brood from another hive give A few yers ago the writer was troubled ex

## 


 hy uing an entrane eegulatitiswich prevented Iive guen fron leaxing the hive with he dissat A friend, after hearing the partic slars, sug--
gested whether the luves were nut too new gested whether the hives were not too new
and fresh; no, they had been made some time, that- was prombably the reason the bees twok sach a dis isike to the hives. Since then he
has had hiis frames put tozether some time behas had hing frames put together some time be-
fore using giving then a chance to lose the fore using giving them a chance to lose the
rank snielloo newly sawed pine, and he has has
had no trouble with lis swarms.-Cor. Prairie
$\qquad$

- Detcrimaty.

Tha Check-reis.- Mr. Fieming, veterin-
ary surgeon, says :- 1 think nutlinine can be ary surgeon, says:- "I think nothing can be
more abourd han check-reins. They are against reason alt, ,yether They place the ari, nall in a false po ition. The horse stands with
a check-rein exactiy as a mun who stands with a check-rein exactly as a mun who stands with
a stck under his anms betind his back when
dito write ld to write. It is extremely cruel also. 1 ize the fact that it throws away a large porvery crnee besides, power a torether, veuld be discon-
tinued. $1 t$ is not only the head that sulf tinued. It is not ouly the head that suffiers,
but trom hiss head to his tail, monn his shoul but trom his hoead to his tail, rrom his shoul-
ders to his hoof, and ver his whule body, he
suffers nure suffers mure or less."
Profesisor Pritchard, of the Royal Veterinthat, instead of preventing hirnes from fall hno, the clleck-rein is calcuiated $t$ render
faling more frequent. Other not uncommon pipe, to such a dearee as arto impede the wind $\left\lvert\, \begin{aligned} & \text { Pret, } \\ & \text { ration ever after wards, exceriittion of the the } \\ & \text { mouth and lips, puraiysis of the muscles o }\end{aligned}\right.$ the face, \&e. It is a useless appendage, sup
ported only by fashion. I feel that if this
 excellent persons, wio now drive their horsses
with check-reins, would discontinue to do so." These te-timonies of the injurious efficts of
using the check-rein aie burne out emment authorities on the subject. Thusthe
London Horse Book sives:-., London Horse Book says:-"The harse i,
often prevented from thowing his weight
into the collar by a tight check-rein The check-rein is, in nearly every case, pain$* * *$ There is an insportant difference be tween a tight che ck-rein and a tigh tened rein,
although not generally undestood. The first ingunous, and cannst heip the hisse, white
the lat ter is of en us ful. Jlecause the latter is a steady support to the aniunt's head from whereas the former is only the horse's head
fistened to his own shoulders." Clean and Dre Stables.-A horse will

 we. A great hawy stables have danp an propery atentan to the feet and legs. Esic
ciallis this the cose farms. Much time is spent if a moming in rubling, brushing and
samuming the mair oun tie sides and hiph, bit
 need ten times ass mieti, fur in one beoty. The they
 iitiny. In this case the fect will becone dis
 talle prions generally are very severe on the fet and less of hirses, and uniss theec build half so healthy or contortable to the horse as the pasture, and should be avoided by all good
hostlers in the country.-Vermont F'armer $^{\text {and Recorl. }}$

CRUMISS.
Mou have only yourself to please," said a
married man to an old bachelor.
plied plied he, "but you don't know what a difficult Al near-sighted man being advised to An Idaho invalit was ordered by a physicia
to take thiree ounces of brandy a dav, and knowing that sixteen drachms make an ouncu
has patintly bee: taking forty-eight dininks
dav peven day ever since under sentence of which stated that a prisoner first by poison and then by knife, and, medica "ssistance being promptly aldninist-red, added
he is now out of danger, and wwill to-morrow
underco the sentence of the law ",
 you, sir." "My name is cobb," replied the
man, who was about half seas over. "Ah,
sir," said mithe minister, "you have so nuch corn
on yau thot I dist Pawnbrokers and drunkerdisare always takin
pledyes. The former sometimes keep them. The latest case of absence of mind is that
a yout lady who, on returning from a walls
with her lover the other eveniug, rappect him on with her lover the othrer eveni.
he face and kissed the door. The Wabash (Indiana) country has alway
bene celebrater for the persistetcy and qualit
of its fever and ague. A local physician thin
 wild cats; yoes craiw in' through his joints lik
iron stikes irm sinkes, and is sollowed by a fever which
prohbibis the patient from thinking of anything
but (freenland's icy mountains. It isnt the




We have all heard of the extrene fastilionss
ness of the fenale haif of the Amiericans, and
 ment when, on ar yachtinge exce of sion, that senti- youn
lady who was on board spranin out of hur heert and jumped overboarll on hearinst the captain,
during a agle of wind, ortce the mate to layil A furt mie-hunter gives the fullowing alvice



 A happy simile runs thus :- A A comet te is h.se from whom every lover plucks a leaf; the
thorn remains for her future husblyand."
"Tred") "Tren," soid a father to a som, "1 hear that
you and your wife tharre amin wrancle "ere
day. Let mee wan yoa a gainst such a fand



 $2=4=$


 Condeal fuman re wife wold, the hat such ally placed one of his No. 12 brogans up on an unsuspecting Colorado, laments in
the following straiu:

Poon lititle tater er buxt, :
Smashed to the
Inthasherd to the cuut
Inysinesserity has bust.
Busing

## Land Poor.

## by robert rollins.

ve had another offer, wife - a twenty acres hnore'
Of high and dry prairie land, as level as a floor.
Ithought I'd wait and see youl fivst, as Lawyer. Brady said,
Co teil how things will turn out best a woman is ahead.
And when this lot is paid for, and we have got the deed,
Ill say that $I \mathrm{am}$ satisfied - it's all the land we And neext we'll see about the yard, and fix the hous up some
anl nuthate in the course of time to have a
better lume.
$\qquad$ that twenty more, -or ulirty years we've tugged and saved, de-
 Id sell the land if it were mine, fund have a
Detur hinne,
 If we coud live ats oliners live, and have what We'd hre enough sight pleasanter, and have a
diluty, tou. While e thers have amusements and luxury and
bouks,
Just thmik how stingy we have hivel, aud how Just thans, how stingy we have hivel, and how
that ofliper taree louks; you bought of Weilis that took so namy years
Ofearins. up and fencing in, has cost me inany
tears. Yes, Charles, I've thought of it a hundred times
on more,
And woudered if it reaily paid to always be That had we built a cozy house, took pleasure as it cone,
Our clintrint once so dear to us, had never left
cur honte. yrieve to think of wasted weeks, and year ${ }^{8}$ While for it all we never jet have had one word
 Don't think I'm blaning you, Charles-you're
I've notit witit th haune, you these many years, to see you ve pitied you these many years, to see you
thired and lame.
inst the way we started out, our plans too



 What life is shori :wal full of carce, the com is Weshan hall begin tolive before we're doomAnd narat otay thy life again, I'd mark cach If there were things then yy, Id have them now And have a home that was a home, and not a


## 

This Society has existed, we believe, for omething over tweaty years, and has main-
taineci a continu wos and muniterrupted vitality,

 eniterprise and sucess, and the work they have
done indisseminating a taste and love for choice
fruits, fine vejetablies and leantiful flowers.

|  |  |  |  <br> CAN LAND BE MADE TOO RICH ? <br> It can, in two respects: One is the loss of disproportion between the soil proper and the Thus, in clear manure, crops cannot be raised. The exact proportion of manure in any soil, to determine. As sois differ so much, and as anaysis is not satisfactory, test must be the reliance. An ordinary soil, long in use, principally by the plow, will bear a large amount of barnyard manure, which is the best that can barnyard manure, which is the best that can be applied, as it contains all the ingredients of the plant. This mixed (of course thoroughly) with the soil, should be well rotted, so as to work more advantageously. If it makes the soil light, puffy, it will not do. Soil requires a certain degree of compactness, hugging the roots of the plant, and preventing its drying out. Having sutticient weight and compactness, we yard or stabe manure alone. In our practice with various amounts of manure of this kind, we have found this the experience. And this pays probably the best, as it gives the largest yields and the surest crops, with not an excess of manure, save only as it benetits the mechani- cal and other properties of the soil. Manure makes warm in, attracts and retains mosture, mellows the sob, kejs it melow so as to invite in the air, an thevents the frost from acting so severdy; and such land, with good drainage below, passes off the surplus water mure readily and the drouth. All these are important pro is the main agent in securing. Thus not only fertility is to be aimed at there wants some- <br>  <br>  <br>  <br>  the expense wolld be too graat ty omake it a pay- ing onjuration. It would take teard o get the <br>  <br>  <br>  <br>  <br>  $\qquad$ $\qquad$ |
| :---: | :---: | :---: | :---: |

 next day, nor even the next hour, bit appy
at once. So cestain a remedy is suin plur, and so very apt are vines to be altucked by mil-
cerk, that may grupe
 not. The vines are dusted as sonn as the
 and if any si:me of of mildew are seen in the in${ }^{\text {to }}$ Flowers of sulphur is the Cran in which it There are blowers's and (ther ins) enenents in use. but a proper y c nstructed beewws, vel as may be had at the implenent and seed
stores, is the mots convenient for it. The bellows, liaving a curvel nozzle ait
lous the under sitwo of the leaves to be dustThe appicetion slum It diy, and if the rain thould wast : wnay the



 edy for the myizority of these is hand preking thay are not needed. These shonla be rubbe

## horticuiture in canada.



 if fruit, of most of the vaicties we nep ninl






 United states even the profesed hy ticul-

 then
puices. Besides beiny a most telicion: hasury
and relish, ailing the ap wetite, ,eclery, has ventative of fevers and intiunuations. There is no better vegetable grown by the gardener than celery, and noue so gener-
ally nerglected by tarners. It is is not so troublesome to raise as some thiuk. Deep
trenches are not uecessary, in fact are not thenches best way to grow it in best quality, -
but is richer when grown in surface soil.-
We wish to impress upon others the happy We wish to impress upon others the happ
effecets of its free use upon nervousness. effiects of its free use upon nervousness.
To propasate pinks.
In propagating pinks the young shoots
of the season's srowth should be cut off at

|  |  |
| :---: | :---: |
|  |  |
|  |  | Of the season's growth siouud be the same

thime remore fourth jont, and athe thewer leaves and shorten
time time remove the ower teaves and she soil
those at the top of the shoots. The sosible should be mave as fine as possibe, and
then coveref with a laye of fine sand and
watered before the cuttiuss sare set in.watered before the cuttiuss are set in.-
The cuttings should be shaded from the sun, and watered regularly until they have
taken root, which will be in about five weeks.-Carolina Furmer.

## Experience has developed one ssund umis form information, viz: That srape vine are more healthy and productive when al lowed to climb upwards on trees or trel lises, than if confined to stakes. But at

 thes sanc time it is a little ate the sacrifice of quaity. We belice most of the vine because the vines are pruned too close, and we would train our vines tipon arbors over head, and allow then to make and enjoy acooling slade of their own, we doubt not vine culture will he more steadily encour aging.- Howticulturist.
THE Tor DREssing of gardens.
As arice maiares rich in nitroenous shb.
tancues are more valuab:e thant thosese rich in


 Mrriip, Which has hases ion of the soil oniy
furr abreet period, and to wluch a a iberal suppy











 res secomument the adidition of manures rish


 and aip ied meary spopriyg at the rate of throce or

 rot ten ding very firl ur ite yeats. In the


 minnuere; a fool chnppet may be made with it lires Lons of cuntuon suil, bone-ash one Composts with lime as the tasi, give excellen mossy or boaryy. The evectable debris me with on a farm, ashes and ditch and road





 . Is. it: ikind of frearm?" "No, it is not


 The one who gnessed the worth will then per
halp: say: "TVe thought of a worl that rhymes with sane.", it an anive of De mumark:"
 fnot guin"," "Nu,
 "Is it to be prond" "No. it is not vain."
"s it what rou fout on your diress when wo







 Chese matters, for he takes an interest in the
happiness of all he lititle lappiness of all the little ones. answers to puzzles in duliy no

Hark Thark the dogs do bark,


## THE


nele toms collung.








There was an old dotor of Brille, \&c.
(Sane as in June No.)

 And the fast-reeeding tide,
 and my sweet ays
The Faryers' Advocittr.
ENICM

 My, iz, is, is ay kind of stenmer.
My whole is what wery farm:
 All the hay shomiditic be

 rebics.

## Stare




















 These few remarks - But $I$ must stop wast.
nos paper and ink now; only mind, lont frighten London Marker-July 29 (NCH:



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