

VOL. IX. $\begin{gathered}\text { willuam we } \\ \text { Ealtor }\end{gathered}$

## The scott Wheat

 We have no hesitation in saying tha the Scott Wheat is the saaest and mostprofitable wheat to sow. We have now tried it on different soils and in different localities, and under different treatments, and in each case this wheat has proved most satisfactory. The greatest advan-
tage is that it will stand the winter better than the Diehl, Treadwell or any white wheat we have tried; it has yielded better than any red wheat we have sown and not a single complaint has reached us of its not having stood the winter better than any other variety. In addition to this, it yields, on an average, many
more bushels to the acre than any other variety; it has a good stiff straw, and variety; it whel
stanery pood. is very good.
The two worst things that can be said against it are, frrst, that it is a red wheat.
To that we have to say that one of the best millers we know of says that it makesa better quality of flour than the
Diehl wheat. The next objection is that it shells out easily. This we do not much object to, as we have al ways had a better return from our fields when our wheat
shells out. shells out.
We have
amining the different wheats, and in each county and township where this wheat has been introduced it is preerered to any
other. Mr. J. Johnson, of Westminster onthed 15 acres of Scott Wheat ; his
sowed neighbor adjoining sowed 16 acres, half
of which was Diehl and the other half Treadwell. All were very similarly rate crop ; both the other pieees were sa badly killed that they had to be plowe up. Thousands of acres of Diehl and year, and the Tread well is harder than anyother white wheat. of plowing under yout risk of the los of plowing under your wheat, sow th
white wheat if you want to sow the wheat that will yield you a crop more cer-
tainly than any other, you must sow the tainly than any other, you must sow the
Scott WLeat. J. B. Burwell, Esq., of Caradoc, says it sow. Jonathan Jarvis, Esq., of Oxforid says it has done better than auy other
wheat in his locality $A$. Arnold Es of Lewisville, says no other variety sow in his neighborhood will yield near as much per acre. S. White, Esq, the 1 the
President of the Provincial Association, says it has yielded better than any other
wheat, and that it is the safest and most profitable wheat to sow. Thos. Weeke ${ }^{\text {3 }}$ Esq,., of Delaware says it is the hardiest
wheat in his locality.

LONDON, ONT., SEPTEMBER, 1874.
 length of the trunk; these make the trees $\left\lvert\, \begin{aligned} & \text { to touch a velicle as it passes. The land } \\ & \text { is let to the peasautry in small lots of }\end{aligned}\right.$

We say if you caanot get it off your
neighbors, go or send and get somererather neighorors, yo or send and get some, rather
than risk plowing a crop under. See ad-
tertisement vertisement on page 1

## A Journey in France

Our readers, we trust, would like to heara a little of our trip in a foreign country. As soon as we are anding on the
French coast, we are etopped by an officer Fhe asks our name and to what country
when we belong. We reply and pass on shore. We are at onee struck with the obliging and courteous manner of the port-
ers, waiters,
and the public generdrb, waiters, and the prices of wines, liquors, and provisions, or meals and lodgings.For instanees/we had as good a meal for 2
francs, or 20 pence ( 40 cents), as we had francs, or 20 pence $(40$ cents), as we had
previously paid 2 s 6 d or $62 \frac{2}{2}$ cents for in rrevious Paid The price paid for a glass
England of brandy is 2 pence or 4 cents, such as would nave cost 6 pence or $12 \frac{12}{2}$ ents 1 in
England ; a glass of wine larger than a ${ }^{\text {England, }}$ gea gass of wias of beer such as is sold at at many of the hotels in Caunada, costs 1 penny or 2 cents.
Wine is a gen eral beverage here $;$ it is
ght, havinga slight acidity, but pleasant light, having a slight acidity, but p pieasan
and nutritious.
It appeared to us that on the railway nearly half the passengers carried their botle of wine with them. The rallways, as in englaud, are
manaved with yreat exactness; at one ot the etations we saw double decked rail-
way cars. We have never seen such in England or America, but think on many ines where briges have nat to be Tu other parts, at every place where a country raad crosses the track, a guard i teationed to prevent acciaents to travel llazed broad-brimmed hat. They have two staffis, one red and the other bue,
wlich are uted as signals; they also have Which are used as signalss they also have
a lorn, through Which they speak and these piynals, We nostit many plaoes; a that is necessary for them to do is to put on the man's coat and hat. The husbands
are appointed to the situations, and their wivespor daughters perforn the duty,
while the husland may'be engaged at any other occupation.
We in Canada have a right to demand more protection at our R. R.; crossings; we nave a right to the quen's highway,
and that without danger. We should not sutfer the loss of ilite and property at
these crossings that we have ben subject the land in France is not divided by hedges or fences of any kind. The crops I that a passing wind will cause the grann
is let th the peasautry in small lots on
from thee to twenty acres. If we are
rightly informed, theere are far more farms rightly informed, theere are far more farms
of less than ten acres, perhaps less than five, than over it in fact ten or twenty acres of a farm is a rarity. A farm there may, and generally does consist of several
small pieces of land in different places ; at one place he may have a right to so much on a piece of land that may be kept for pasture; another picce may be suit-
able for grain; another may be of inferior quality, or lying in a different direction from his home.
There are no farm houses scattered over the countey, as in england; there tence, animal or human being cannot be,
been. The entivators of the land live in sean. She enltivators of the land live in
villages, and keep their animals there. Where sheep and cattle are to be seen they are gencrally in large flocks or herds,
The stock is owned by by to farmers each having hut very fow head. The greater quantity than we saw were in
fields feed crops, hurdles being used to keep them on a very small spot of ground. From what we saw of the farmers they
appear to be the laborers, and they seened quite as happy as auy we woull see in
Canada or England. Many of them save consideralle money from even these smul farms. The land looks strange, having no fences, and on a $s$ mall piece of ground great variety of ctops are raisen, athoug pieces, many farmers owning a small pieces, of ground. soon as it is threshel, and all farm pro The farm labor is carefully doudy to soll.stance the hay in many places, we noticed was tied in small bundles and stood up in near fit to carry, it is put in small or with oil-cloth ooverings in some instance though ropes tied so stakes in the ground lone to prevent it from blowing across the fields. They have nuch more wind ill France and Eugland than we have in Cavala.
At every cross is erected, on which is a well-carved image of the Savior; in many places these of a man. Iu many places as high as in our havd wood forests, some. Hrees hava but a few small lranches on tite top; they are run up in this manner
ty cutting off the lower limbs, but the trees try to throw out brancles the whole newly trimm than the bare stems of the owed to grow on the trunks for a year or two, and are again trimmed off, We must in anether artiole take you into Paris; we must also, if you approve of it, give you a little about English
farming, and also a little acount of lon arming, and also a little account of lon-
don, and another about the Atlantivoyage.
Preservation or Destruction of our Forests.
This is a subject to which we have re peaterly directed the attention of our readers, but not oftonor than ite groat
importance demands. We are pleased to see that all classes in the different sections of the Dominion are aroused to its importance. We refer to it to-day in may impress the minds of our readers more forcibly than any reasoning we may have adduced. It is often necessary to injurious, thongh the injury is not perc ived in consequence of its being constantly placed before our eyes.
The Toronto National speaks thus The Toronto National
" The improvident deatruction of rests is a theme on which we are destined to hear much. The Abbe Provancher is aising his vice in protest in the Prore immense spaces where the ere, cannot meet a single tree; all have fallen under the blind stroke of the improvident farner, Animals are left without shade $;$ many farmers have not as much wood
left as would make a kandle for any of the tools used in agriculture ; and as for firewood, it has to be fetched five, six and ven seven leagues-twenty-one miles.which this state of things opens to the luture generation, the good Abbe asks what may be expected to happen twenty, hirty or forty years hence. In Quebec
the long-continued practice of sub-dividing farms has naturally brought about a wood famine, every inch of land being required for cutivation. In such a climate The coal fields of New Brunswick will, in a not distan t future, become a necessity ta the Province of Quebec. Will any in else profit hy the results of this im-
rovidence. It will be the fault of ettlers now entering on woodlands if the to not. If discretion will not teach them, probably no law intended to check the stripping of private lands of woods
would be of any use ; the experience of every country from the days of Charle-
magne to our own is that proprietors will
denude their lands of wood if. their immediate interests scem to point in that direction.
The preservation of the timber necesfary for use in future years is in itself no
light matter. It the destruction of our forests continues ffor a tew years more,
timber will be a very scarce and costly timber will be a very surce and costly
article. A years sojurn in the prairie country of he
are blessed with an abundant supuly of timber, something of its value, and that
time great. It is abundant here, hence is great. It is abundant here, hence
the wisdom of saving it from further de structicn. Had we to pay half the prices paid in some of the Western States, we
would think that the forests after all were worth possessing.
Nor can we be ingorant of the serious Ioss experichced in our farming from the
waut of that protection for our crops and live stock that is rendered necessary by
the severity and changeableness of our the severity and changeableness or our son in the injury done to our fall wheat, much of which would, there is no doubt, lave been prevented, were we so providen
as to leave standing tiniter for shelter.
In parts of the neighboring country they cannot raise fall wheat at all, owing to the want of forests; and in many parts it is only by planting forest trees fror
screens that they are able to raise fruit. We have no doubt some crops, but little krown here, such as rape and tares, might be grown with profit in many places,
were orr fields better sheltered by the
preservation of sutficient of our yative preserv
woods.
In favor of the preservation of our forests there is yet another reason too
little thought of. It is that they have a little thought of. It is that they have a great a country os muh os that well
of on
wooded cuntries are sure to be healthier wooded countries are sure to be healthier
than those withoutt trees, other circumthan those withoutt trees, other circum-
stances beins equal. Dr. Pettenkofter, of
 lias jut, ment, as well as for the extent of
his scientific research, has, after carcful investisation, published a treatise on the
subject, demonstrating by facts carefully subject, domonstratin the reat influence of forcsts in
collectel checking, cholera and other contagions
diseases. The state of the Campayua, in diseases. The state of the Campagu, in in
Italy, at the very gates of Rome, is well kuown. It was, in historical time, teem-
ing with life, a scene of active asricultural industry, the abodede of thousands of citizens. The forests were then cut toxnj
the land denuled of the trees which had counteracted the effect of the deally ma. latia that depoppuated that populous ter-
ritory, aud the hussandman now makes litory, and the hussuaduan now makes
lis ione not there, but in haste goes and sathers in his crops,
$a$ more healthy place
The improvement in the sauitary con-
dition of Erypt in consequence of the Hroves and gartens planted there ly Ma-
 lious methol. Thought there is no such deaniy malania inc anaca, as in tegyt, from
whicll forests are nceded as a preventative, yet there are extremes of cold and livat, to be yriarled asainst. These ex-
tremes lay the foundation of those pultremes lay the foundation of those pul-
monary counllaints so very frequently met monary conillaints so very frequently met
with, aund to moderate these extreneseven had we no other inducenent-it shluuld be sulficient for the hetter preser-
vation of the forests. In Iroof of this, compare the woonete country of
withi the bleak prairies of Iowa. Mince writing the above we have re-
ceived the report in Ottawa of gentlemen engared in the lumber business, and from of what we have written! commettee beom appoointed before the close of this meeting, to invectisate and report
filly with resurl to the best practicil
 and lualler into atcord with the demannd,
and to check the waste of the valuable
raw material t
In seconding the motion for the adopthe Hon. Mr. Skead said
"He bad been 34 years in the business, having had experience of it in all its which in the course of nature he could not do-he believed he would see the pro duction reduced to a hundred feet for very million now being taken out. Our there was about twice as much being takeu out of them as there ought to be." Let us, then, for the sanitary condition crops and stock from the injurious inclemency of the weather, for a wise provision for future years, guard against the wasteful destruction, and plant young

## Change of seed.

This can often be done by farmers withcept a little care and forethought. We were couversing with Mr. Pontey of St. James' Park Nurseries, near this
city, and he informed us that. two years ago he sent some Early Rose potatoes to be planted on a farm at Watford, for which he was to receive, two years after wards, a few bushels from the same strcch or seed. This spring
potatoes from Watford.
These potatoes were planted in th sams field, with the same cultivation, and planted at the same time that he plaute
his general crop. The other potatoes or his general crop. The other potatoes an from the same stock that the potatoes from Watford were raised from. The
seed from Watford appears as if it will seed from Watford appears as if it wil
yield near double the crop that his ow stock will produce. The plants are about twice as hiyh and more vigorous. The stock of his own raising had been four years. He is determined to change stock for seed purposes oftener in future Some of our readers may profit by this many of them imagine.
Crop Reports of the Scason. In another column will be found a re port of the crops in this part of the coun-
try from the inspection of the Editor Chough there have been some failures and light yield in some places, the fruits of
the season have been, on the whole, such that there is a promise of full granaries, with lower prices than we have had for some time. We can hardly speak definitely as yet, but such are the general
anticipations. The demand from Europe will not be so very great as it has been, and the increased number of acres under cultivatiou in America, will more than
compensate for the failures in some places compensate for the failures in some places
from droueht and insects. We have given a repurt of the "Grasshopper Plague," as it is called, in some parts of the West July 5 , reports from Illinois, of the great July 5, reports
prospects there.
$\qquad$
Everything now looks as though we hat beeu visited by showers for many days, and
all the time the all the time the heat has been intense. It i
too early, of course, to predict the damaze that
will ensur and dry term is near at hand. The effect upo
smill sm dl grain, except such as fyllow their in.
creased rropazation of insect pests cannot be
very great, but the corn crop is not yet out of very great, but the corn crop is not yet out on
harnis way, and it, to. is io ia danger from the
chinch buy, which is losing its hold upon the grain tield, as the harvest advances. The res
tares, too, must suffer severely unless a d tures, too, must suffer severely unless a de-
cided change cones. The reports from Ohi
are alarming. The following from Concinnati, are alarming. The following from Cincinnati,
the 5 Sth, is a sample :
The severe dry weather the has prevaile The severe dry weather that has prevaile
in Eastern anl Southeastern Ohio f for several
weeks, is resulting in consid rablle in injury weeks, inming interests. The prastures are brown
fard bare, and the ponds and streams are dried
and
up. Along the railway lines fres prevail, and
a good deal of damage has been done along agood deal of damage has been done along
the Panhandle road by fire, wheat in the hock and fences being consumed. The great-
est extent of damage is between Steubenville st extent of damager is pretty badly curled, but is a good color, and if rain comes sonn will
make a crop. Old res dents fail to recall any
season when the heat was so severe and proseason when the heat was so severe and pro
onged so early in the season. They greatly
年 onged so early in the season. They greand
feart that unloss revijef comes in the way of rain
non the corn crop will fail, and cattle be soon the corn crop will fail, and cal
driv: nt ostarvation for want of grass. In South rn Illinnis the $r$ sppberry crop has re almost a failurene The peach, and p psibly
the pear crop will be seriously affected. the pear crop
Prairie Farmer.

A late dispatch from St . Paul says that crop
reports from all portions of the State are at hand. Grasshoppers have undoubtedy de
stroved 500,000 bushels of wheat, and ar
liable to liable to destroy another half million of bushels,
Allowing for the e rasshoppers' destruction, the
tho who Allowing for the grasshoppers destruction, the
the whole orop will not te as good an last year,
In the northern part of the thate weather has
hen farthen with In the northern part of the state weather has
been favorable, with plentyof rain. In the
southern part, hoisture has been scarce, while
very ferent heat has been the rule. The very fervent heat has been the rule. The
yield in the northern part of the State will be
yood, probably fully up to the average, unles good, probably fully up to the average, unle
the wather of the next ten days proves un
propitious; while in the southern portion hai vesting has commenced, or will soon commence
with a generally light yield of all grain crops.
It is too soon to make a close estimate of the yhs at yield compared with last y ar. Allow
ing forthe erasshopperdevattation inthe south
western and western 0 untits, and for a dimin western and western ountite and and for a dimin.
iished yield from drought, the surplus wheat
crop of the state may be roughly esi imated at
 and oats'promise well, although barley is some-
what ghruuken. In the lower counties pota.
toes are abundant, with no compaint so far of
 potato-bu
for hay in
cheap.
Good AN

After fuur weeks of gcorching, burning drought, we are to-day enj yying a bewu ifying
and refreshing rain. One month without rain,
and and the merciry indicating $90^{\circ}$ and $100^{\circ}$ in
and
the shade, has a more serious effe $t$ upon the the shaue, has more serious effet upon the
argicultural interests of the country than the
Girass-Patch Brigade," (as the Tines calls the water wasters of your city), are likely to
imagiue. Corn, with its rolled and twisted
leaves pointi. s sky ward - pastures brown and bare almost as in winter, and vegetation gen-
rally curled and twisted as if seared with a erraly iron. By this drought the small fruit sea.
hot it way shortened nearly half, and the yield
son was materially lessene Blackberries are already
ipening at ess than half the usual size. The early potato crop was cut short seariy half,
and all yarden vecetables were greaty injured.
The chinch bugs, too, have been operating The chinch bugs, too, have been operating
without check, and many an acre of wheat,
oats and corn have they destroyed. A farmer who has lately traviled over the country con-
siderably, zys that people here have no idea
what a great amount of damage they have
done.
Almost every farmer I meet reports 10,15,
or $2 f$ acres of corn destroyed, and still the work goos on. The Soldier bug and Lebi Grandis have pretty effectually relieved us of
the potato beetle, thesent at least, and with
the plenty of rain the late crop may yet be a goo.
one.
The crop of winter wheat and hay just cured are probably the largest and best harv
ested in the county for many years past. Ap ested in the county for many years past. Ap
ples and peaches have fallen until the prospec
tor either is not better than half a crop. Por either is not better than half a crop.
If nothing interferes with the grape crop it
will be the largest ever known in the country Prairie Farmer,
Morgan Co., Ill., July 8 ,
The report of the Department, embrac
all the States, gives a general view of the corn crop as the largest crop in America
From this it will be seen that there is prospect of abundant crops.
The, July Report of the Department of $A 8$
riculture, just received says that an increa in the core, just received, says that an increas
in fully 2000,000 acres is ap. parent, or 6 per cent. above the breadth of
last year. The per-entage is largest in the
Siuth; the increase in acres is largest in the est. Returas make the gain in Iowa over
3 oonvio acres, in Missouri, about the same;
Tllinois, about 200,000 ; in Kansas, about 170,000. Georgia shows almost as large an in-
crease as Iowa and Missouri; A Alabama, 180,.
 corn area of of the cotton states ap ear to have
been less influential in the Mississippi $V$ alley than in the more eastern states, Georgia par-
ticularly, The increase in Texas is simply
to the natural expansion of crop areas from ton and other crops The number of States reporting a decrease in
arean mall incluting only Maine, N. $W$ Hamp
shire




 is based, war received befor
done its worst in lllinois.

## Emigration.

There is a time for all things. There has
been a time to encourage emigration, but he past season has been the worst to do do so, as just after the money panic in the states,
and the grat expenditures of money in
Canada during the past year, these two
dur auses give us this year an unusual number f unemployed hands, wages are much low-
r, and the best men only are wanted. The
migration agents should be more cautious migration agents should be more cautious
han ever of the class they send out, and
he season when they send them. The the season when they send them. The
Government should now look after the emi-
grants that arrive here, and prevent starroversmenat arrive here, and prevent star-
ration to some of them with part of the
vaney that is paid to agents to send them money that is pald to agents to send them
here. There are no poor houses in our
country, and a poor, honest, industroius emigrant arriving here, and being out of cash,
mipht just about as well kill himself as sub-
mit to the hard and degrading task of yetting a crust of bread from the relief fficers of some Corporations in Canada.
We give the following picture sent us by
竍 one of our readers, a reliable person. It
may tend to show even to our Canadians,
that everything is not so far superior in the that everything is not so far superior in the
States, and leave the motto of "Stay at
and States, and leave the motto of "stay at
Home" more firmly impressed on your minds :-
facts worth knowing.
Chicago, August 3, 1874. Elditor Farmer's Advocate,-Outside of the ente especially among young men, that they once set foot upon the dominions
Uncle Sam, their troubles are at an eul that, gold and silver can be found on every side; that the fields are always green, an
the land may be had for merely asking fo the land may be had for merely asking for
it. It is time this nonsencical idea exploded. It is all moonshine, as many have found to
their regret-not only Canadians but thou their regret-not only Canadians but thou-
sands from across the Atlanti.. The steam ship companies and U.S. emigrant agents have done so much to induce emigration t this country, that we are completely over
run with mechanics, laborers and men who run with mechanics, laborers and men who
have no particular calling, but who cam have, like the others, on being told that
here,
there was employment for all. It certainly a significant fact, and one well worthy of consideration by intending new comers, that many, very many, have returned to the old
country, sick at heart, and indignant at the country, sick at heart, and indignant at the
manner in which they have been duped; and these persons, when having once more
set foot unon int foot upon their native soil, and perhaps in the ot relate of their hardships and trials since they were induced to leave home, and
try their fortunes in the New World; and ry their fortunes in the New world; and
this will have a good tendency, as their experience will go far in deterring others from coming here.
The alarming
The alarming frequency of suicides-especially among foreigners, and Germans at has been proven thatnine out of ten of the vic-
tims ended their days because they could find no means of subsistence. Almost daily, some fiver or hanging from a rafter in a barn, river or hanging from a rafter in a barn,
amidst these scenes of luxury and wealth; his purse is empty; his form emaciated; and when intelligence concerning him has
been elicited, it is generally found that he een elicited, it is generally found that he
is not many weeks from the old country,
speaking, perhaps, a foreign language; had seaking, perhaps, a foreign language; had
spent all his money, being then, as nual,
ast out of his boarding house, and after cast out of his boarding house, and aiter
searching fruitlessly for employment, is thrown into the utmost despair, and ends
his misery, as many had done before him. his misery, as many had done before him.
Cases of this kind are of frequent occurrence in Chicago, as a reader of the daily
papers cannot fail to see; but as we have loecome hardened in crime of al
give such things little thought.

\%, August 3, 1874. | pact, -Outside of th |
| :---: |
| a is generall prev |



 encieal ide exploded
many have tound to

 alarerss and men who
 da one well worthy of
ding new oomers, that ve returned t the o old
and ind indignantat the
 tive siil, and perhaps
 the New World, and

rency of suicides oss much int iteremans and at it because hhey ound ind ind an flating in tho tor olyury and wealth ; ce onecrining him had has trom the old ountry,
frote
fote



 cirme of ${ }^{\text {c. }}$ a
cthought.

Sept., 18 r 74.
It is true that land may be hal free; but
it is situated in in districts entirely destitute
 whare a fre, no coal, very little good water
mand certainly no visible means of progress
and ant ertainy no visibe means ot progress,
ing, unlesst the setler may have plent o
money to assist him ; and those who wan toney treassist ta are not generally who wivied with an over-abundance of this world's
gooss. At at any rate, if the myind
gotion en em.
 boumsel a more pleasing, or would anythin
 3 r the stringent military regulations
Germany, than to be told that he would re ceive 100 ameres of lond, free, if he wewere to
go to America, where hee would have no go ta, America, where he would have no
Iandords and no task-masters?
manturs of this kind have have Sentso this kind have swarmed the Unite whom, by the time they have ereen many the tra
state of affaris, have exhuusted all thei state of affairs, have exhausted all their
means, and cannot return, being compelled meana, and cannot return, being compelied
to remina and get along in tho best way
tossible. Rents and oprovisons are so high
Ros. that the whole family are often obliged.t seek employment to make ends meet,
and tobacoo factories beer saloons and
other mean occupations are crowded with other mean occupations are crowded with
girls who can find nothing else to do, and are obliged on toke that what they can get, rath-
er than starve. This alone is ruinons and er than starve. This alone is ruinong and Tages are now low, and are still decreasing
and from Maine to California, I might say there has been a very dull time experience ployment for half of those who are sadly in neee of it. 1 tit in a fact that many ytrades-
men are seeking employment as farm labor
 from this city within a short time, being
very much disappointed in the hopes they had che
border.
Canada, with its yood, hard, silver
mone, where a dollar is a doliar, and
where there is more sound Where there is more soundness and stability
 ment more constant-1 is being inguired atter
frequenty ty many, who hat latel found
out, by some unaccountable out, by some unaccountable means, that
there rorc other countries in the word he
sides the Unitel States ;and so they think of giving it at trial. The ignorauce exhib-
ited in relation to our Duminiun is evry ing that $I$ was from Canada, I was accosted

 answer was, " 0 ! to Coanada, you know." | To quiet him, I said $I$ would enquire for |
| :--- | :--- |
| the Bradleys the next time I I wrote. "On |
| on |

 drum was too moch hor me, and I I aveveit up
In conclusion, Mr.
Hititor, those of your readers who contemplate exe
tchanging the Union Jack for the stars aud
Strijes to men stripes, to consider well the step they are
taking. The experience of others should be
a less. a lesson. There is no doult, at all but that
the old story of the $P$ rodigal Son is repeated over and oyer again, and thoses sprigs of
anhood who do not wish to play the most ?rominent part in this drama, should stay
home, remembering the advice of
A CiNADIAN:

## ©0xrespondente.

Str,-Wishing to oencter my horse for the
 what coinstitutes a. Nember, also on what
terms they are entered, how, and by what megns they are fed, and cared for, and what
the probable cost.

By through the Avovocits, you will oblige. | Your Humble Servant, |
| :---: |
| A subscribr. |

 One of which will be the Membershin, one
for atstal for your horse Feed suppliee
nthe srounds by the Association at at asmal 4. Huce of cost.

租HE HARMER'S AOVOCATH

The harke Lane Express says:-It has
becn a matter of surprise that with such a
 One circumstance that may partly account
for it. It should be remembered that the yy sprouting; this, therefore, made the


 000 is equivalent to $2,450,000$ sacks of thour | or $\begin{array}{l}\text { orpouting of of the former orop } \\ \text { spor necessarily } \\ \text { made the readiness for market late, with for- }\end{array}$ |
| :--- | eige supplies still coming on, to though not ing out.

another trial rom tha e ong ingston Crironicle that | Europe ; the schoner leaving Toledo for |
| :--- |
| Cork, Treland. |
| The establisbing of direct | traficic from the lake ports would be of great

importance to Co Canadian producers and mer. chants, making the great provision marts of
the world more easily accessible from the the wortd more easily accessibe
fertile territories of the Dominion.

Canapina bef for Exgland-The Sher
brooke Neus says that Mr. Markwin, Lon doone Enews says that Mr. Markwin, has written to the Council of
don Sherbrooke that the Company formed in
England toimport meat from Canada will. locate their works for that purpose in Rich
mond, that town having offered very libera mond, that town having offered very libera
terms. We think the time is not far dis. tant when Canada will be found competing
with the beaf of the Home Country with the beef of the Home Country, and a
good market opened up for all that the Do good market opened up tor ale that the Do-
minion can supply. To take a full advan-
 ers-no expense must be spared in the im-
provement of our stock, and in improved provement of our
agriculture generally.
wheat injured by thrashing.

 such was often the case has been weil knownd
to observing farmers for many years; and
 hot ant expently resorted to. One of these
not expedients was familarly known as sentech.
ing; it had
also another tood reault, it took out the best grains only, leaving what were
interior to be fel on with the straw . We

 some instances slippers were provided by
the farmers to wear while threshing Seed Whieat with the thail, lest they bruse and
the the injure it with
threshing floor
"An important infury har been male
whether machine threshed wheat is not in jured for seed. It is stoutly claimed by
some farmers that it is so injured. An in stance is given of the plumpest wheat that mierosocope, and the coating was seen to be be
full of oracks and seaus, anl the germ wat broken in several places. It is maintained
now that we underatand why the yield of
 power threshers were introducel, ant dhis
even on new and rich land, such as formerly

 ing is done by the machine,,
better than our own vari ties.
The Olessa wheat is mentioned as espe-
cially in -proof for the robesen that it esmenes froma a conntry y which threethers are eeldom

 | This is a aubject worthy of the most careful |
| :--- |
| investigation; and should it tee found that | investigation; and should it be found that

the machine does injure wheat for seel, it silould be ascertained, and then, next, wheth.
er thresthing ly the flil and even by horses does hot injure it algo. When it is consid dered
that our farming is constantly growing better that land is plowed deeper, and that manure in savel more carefully, it is worth while to
ascerain why the wheat crop is constantly
arowing lessy per acre.
grill it would seem

Notes of the Garden and Farm. origtial and selected-S. Dyxamirre- Whe had ben reading of the
application of the new explosive Dynamite
and

 There was a forty acre field; the plong
hare had never entered $i$ its virgin soil hough it had been cleared some years be
fore. Trees were left standing, enough to



 noving the stumps has been so great that
the owners of the soil have chosen rather to
lot them stand
tin some instances tilling mon them as best theme could, than incur in other instances pasturing the wild grass,
hough not feeding half the thock that it would if improved and properly laid down on new explosive Dynamte inves promisi and. It has been lately triel on the entai
of Sir
S.
S. Marwell, of Colder, in Sootland
remo in removing stumps, and and the work wel
$t$ was placed under the stump in a hole waide with a crowhar, and was explode
with larte percussion caps, and set of by
Hise.
nhe rese Yuse. The result was very satisfactory
and
and it said that Dynamite can be use dit it is said that Dynamite an be be use
with greate effect, and $\mathrm{at} a$ reasonable ex pense in in clearint, the newly-chopped ground
n C Canada. One great obstacle to the coloni ation of the country has been removed nd the estaplishment of markets. If this
new explosive fulfils the expectations now new explosive fulfils the expectations
entertanned concring its powe the
economy attending its use, it will be the means of removing another great obstacle
to the coloizazion of the Doominon, and
the on Howing or Calie hipping their wheat direct to Liverpool rather



Discovgry of GuND.-Some extensive bed
of guan were lately disoovered in Peru. $T$ wo

 grano of ex exellent qualite exist in that to contain
nearly
nead surveyed are extimated to
 remot period ine teen supply of guano has by
this dibcovery been removed, bund it is now hoped that there exist other bedz still undie
covertd, and that the supply be inexhaustible

Aghicourural Probuccrs Expontro Frou
CANADA IN 1873. -The exportaition of domes

 amounted to almost fifteen million dollars.
this four brought $8,2,93,454$; wheat brough



 the er rod equired of exor tation will, d.
crea e in a far greater proportion.
DRANiNGO IN Bhirain. The importan
lace draining occupies in Britain may be con



 acter ast foreman
innand liately in his
and twenty men.
have been discovered; but it is proper and
very eesy to have a demonstration. It is held by not a few that "nature
Grasess" are the best for pastures and that
 Vivated after being cleared from the forest. We have made some enquiries as to the pro-
ducing capacities of such pastures, and the replies have always been such as to oonvince astave such a courseis very had hasbandry.
Native graseses may be said to produce the ichest milk and the best butter, though at
this too we entertsin we compass it with the reronueing capacity
of land when well cultivated and seeded

 results can only be obtained from good
 the hundred acres; ; land uncultivated will,
with the native grases, feed half the num. ber. Its feeding capacity is variously yesti.
mated at 3 to 5 acres $t \mathrm{to}$ each cow. The greater number of good grasses in pasture
the more valuable it is is ; and this mixture of

 process will yield a continua.

Ireland sent to England hast year upwards
of 68,000 cattle moro than in 1822 The exportation of shoep to England inenereased by
86,000 anim ,oo liminimals to the the would appear almost
 and sheep imported One-half of the cattle to entered England by way of Liverpool;
but in consenuence posed upon the trade at the that port Irision oattle are beginning to be sent to other harbors. Alreary apprehensions are expressed lost
the price of rutcher's meat should be it


 Prairit Frarmer that it it the product of on
fined combuntion." Take any vegetable mat



 ilent repuluts will follow.
It if claimed that the remarkable effoeta
kanophyte are largely due to the pyrozentit sile pereratod dy the antion of the fire. IIt It





 hing newly disconvered. At present $I$ have

 fibc very thate it has been known and unean in arning. When as yet there were no ayricul.
ural societies nor farmera
nournald this




The foot and mouth disease which has

 and
reghlations will bhat enorcedy. in order to cheock
the extension of the disease. .

## Manitoba．

We have in previous issues spoken
favorably of Manitnba as a place for our farmers＇sons．If our remarks have in－ that place，and any should be contem－ that place，moving there，we now advise them by
if ever．
Those
Those that are now there are getting
away as fast as possible，and those that away as fast as possible，and those that
remain must be old established settlers or persons under Government pay．Labor－ ers need not think of earning a living there．Thousands of poor，beggared than the commonest laborer can get in Ontario．The grasshoppers have destroyed
the present crop and laid their eqges ready for next year＇s crop．We know young， industrious Canadian farmers that have
gone there who are ruined by these winged pests．
winged pests．
Would it not be well for the Govern ment to supply food to maintain life in
the thousands that are now in Canada rather than let them die of starvation as we know some did last winter？and the prospects for this winter are worse for the emigrant than any previous year
has been．Would it not be well to stop the salaries and expenses of many of those who only send us an inferior class of settlers，and devote the mo
the nutriment of the needy．
Farmers，we in Ontario have good crop and much to be thankful for；we are obliged to pay the emigrants for coming here，and keep them after they arrive，
whether we are willing or not．We say it is wrong that we should be under the necessity of keeping the unsuitable emi－ grant，and that the Government should pay for the maintenan
cannot help themselves．

## The irops．

From personal observation we should judge that the hay crop is a fair average． heavy crops．Fall wheat will be rather helow the average，if the amount of land that has been re－sown with spring crops is to be taken into account，The loss from
be，to show the results．The the winter killing of this crop is immense． The samples of fall wheat will be good， but the will be small，although there are many pieces of the Diehl that will turn out well．The red wheats will prove the most profitable．
Spring wheat
Spring wheat will yield a much better
return than it has done for some years past． The barley crop is good and has a good color．Oats are one of yeas．The pe we crop is rather over an average．The fruit crop is not a heavy one；below an aver ${ }^{\text {age．}}$ Stock has suffered for the lack of pas ture，many herds will go into winte
quarters in low condition，and the prices quarters in tock will be low．The roots for stock will be only a moderate crop．
Potatoes in many localities will be but a poor crop，the drought having checked portion of the Province the rain came in time to give them a good gotowes will be a fair crop．The prospects of prices are very gool for the seler，almon usual；o produce will command cood prices， If any of our stock of store cattle through the medium of the auctioneers hammer，we we late sales the prices are carly，as at the late sales the prices are onex
In Great Dritain the spring crops will
and he below an average；in many places the
food for stock will be numanully dear．The wheat crop，in Enyland，as far as． we ob
the finest we have ever seen．The con－lings do not mildew，and are very harge the finest we have ever seen．The con－
trast in tlie appearance of their wheat with ours was mest remarkable ；their
crops were longer in the straw and much hicker on the ground than ours．That they would turn out about double the average that our fields would do．

## London Agricultural Exhibition

 Grounds．There has been an attempt to deprive
the farmers of these grounds，which are the armeubtedly the best for that purpose in Canada．Great fears were entertaned by terest that they would be taken by the citizens for city purposes．The citizens
could make nn greater mistake than let－ could make nn greater mistake than let－ ting them be takeu for any other purpose，
except for ornamenting them and making them more attractive．and still retaining them for the agricultural exhibitions，as we know ali the lands in the vicinity of London，and are quite sure no grounds
can be procured here half so suitable as the grounds we now hold．
The citizens and many of the persons on the Agricultural gave up in despair but，thanks to the Provincial Board of Agriculture，who also have a claim，they，
iike men true to the interest of the far－ her and the country，well knew it would be detrimental to both the farmers and the citizens．
We who desire to retain this property
or our agricultural Exhibitions can do so or our agricultural Exhed petition to the Legislature．Farmers，we have a petition now prepared，lying in this ofthe，for
those interested to sign．With your aid those interested to sign．With your aid
we can get it well filled．We have no doubt but that our exhibition groun
can be retained．Come and sign it．

## A Talk About Fruit，Hedges，\＆c

 When in Toronto lately，we called at Mr．Leslie＇s nurseries．${ }^{\text {ith Mr }}$ Mrestie ；he ally to have a chat sives us some information．It isal ways give always g．walk over his grounds and see
pleasing the different kinds of fruit trees，plants the different
and flowers．
When passing along a low
the ground，Mr．Leslie said
the ground，Mr．Leslic said：
＂You must call the attention of your brother farmers to the Lombardy poplar
it is a capital tree to plant，as it grows it is a apital tree to plant，as it grows
quick and makes a useful timber for
puidant them at a proper distance apart，and in five year you will have trees fit to nail boarhs to the nails will not stop for wind－brakes，tim－ can for building，fencing and firewood．＂
ber said the wood was not durable；ho We said the wood was not durable； said it was not as durache as many other but it would be found very use ful．We coincided with him，particularly on seeing his row of trees，about 30 feet
high and only five years old，and are now fit to nail boards to
In passing his raspberry plantation our
attention was called to the Franconians He says they are the most profitable ber－ ries to raise；he has a quarte 800 quarts of of them．He the het have 200 more to sell；
them，and will yet them，wholesale price of them is $15 \mathrm{cts}$. per
quart，and they cost $1 \frac{1}{2}$ cts．for picking． quart，and they cost $1 \frac{1}{c}$ cts．or pil berries， and are used as a table fruit．The delphia raspberries，he bays，common
prolific，hut are more like the common raspberries；they are enormous cepoppers，
but can only be sold by the pailful，and are not so profitable as a market berry．－ They are hardier than the Francouian Raspberries，succeed much better when grown tuder kill，as in the open ground． His Downing＇s Seedling gooseberry he
Hest phef the most pofite．They considers the most profitable．They of
not mildew，and are fine，large，smooth green berries．
croppers，but not as large， Apples are a poor crop with him this year，but the plum trees are well laden； the Curculio has done them very little， harm this year．He did nothing to
destroy them we presume they must have been destroyed by some parasite． been destroyed by some parasite． than ever with the blast or some unknown cause；all，varieties have suffered about
alike．Many apple trees have also been more blasted than usual．

We passed a nice，looking beech hedge； it would turn any kind of stock．This
the English beech，which variety will re tain its old leaves，till July，thus making one of the best winter wind brakes．We
do not know how it would fare if ex do not know how it would fare if ex
posed to cattle，as this tence is in the en posed to cattle，as this tence is in the en
closure．The Buckthorn，we know，wil make the best hedge，but we fiud the
trouble in raising the plants is consider rouble in raising the plants is consider youns，and destroy them as they do the youns，and destroy them as they find Mr Leslie．raises them from seed under apple
rees，where the fly will not attack them as badly as in open spaces．It is only when the young plants appear first above ground that they are eaten；after the first year they
spaces．

## Our Travels．

After preparing the June issue we left nur office and spent one mom farce．Our visit was for short to attend to all things we should have liked；at the same time we have made some arrangements in regard to your papee
that we feel sure will be approved of by that we fee sure will be approved of by of our observations，and
more in future numbers．
more in future numbers．
Since our return we
Since our return we have been to the north，near Ailsa Craig，to examine a lo of potatoes and wheantry：also，we have
that part of the country
been to Howick and Chatham in quest becn to Howick and Chatham in quest of
information for yon，and also to the Government Farm．＇
On our way to Toronto we called a
Edmonton，\＆c．，and we hope to Edmonton，\＆c．，and we hope to give you an account We must not occupy the
numbers．We must
whole space of one paper with our writings，as we wish to
fr all the departments．
Some of the potatoes we are testing we think will be of advantage to you；the spring wheat reports will be more favor－ ble than usual ；the fan wheat we shall be ble to report favorably on some varieties． We find the Chiuese Northern Yam has not succeeded well，and the Japan pea
will not ripen here our season is too will not＇ripen here；our s
short．
Seed Wheat．
We see in our exchange papers some We see in our exchange papers some
advertisements of new varieties of wheat． Some are advertised with considerable zeal．We happen to have seen and ob served the growth ofly safe in saying fact we feel perfectly saea，that has
that there is no tried wheat， stood the trials of our wiuters and sum mers equal to the Scott wheat．Some or the new varietic
kill or to rust．
kill or to rust． If there was a safer or surer variety than the Scott wheat to recommend，w should with pleasure introduce it to you and enquired into the habits and growth of each variety，and believe，from the ex perience of past years and the results of the average yield and hardiness of the
different kind 3 ，that the wheat we recom mend will be the most profitable for you in fact，we should say considerable in condemnation of some of these advertise ments，but the publish real facts that we know and can prove to be truth，we
night be mulched out of heavy expenses．


 you can judge from actual test，perhap
of white varieties introduced． white varieties introduced．The dily
bald，red－chaffed，white wheat or Clawsa wheat may be the best．We can supply it by the peck or bushel－$\$ 1$ per pect，at
$\$ 3$ per bushel；at the same time we d $\$ 3$ per bushel；at the same time we dh
not safely recommend it．Should the season and locality prove favorable，
do not doubt but a good crop may be o． do not do
tained．

Stock Importations
This season many of our Canadia
Breeders have attended the Royal Agr cultural Exhibition in England，and ba purchased more extensively than usuy ecent importations at the Provincial a，
other prominent Exhibitions．The eners shown by the inhabitants of Guelph，Har
iton and London，in offering such ve Ilton and London，in offering such
handsome prize lists is encouraging hopeful，and shows the great interesi taken in these Exhibitions．
On our way to Toronto w the Willow Lodge Farm stock at E monton．The Durhams are reduced to
very small number，fout they are choi animals．The Snell Bros．are importi
a lot of Cotswolds and some Berkshi a lot of Cotswolds a and some
Pigs．They have a ine lot of young stro Pigs．They have a ane lot of youngstin
well woolled lambs，such as we think m be hard to beat．Of course they pay atte tion to them．They have a run on a
field of rape，also a clover field．This，wi the addition of a little grand daily，git them a growth of carcass and wool， 84 as no common farmer can have wi out great pains and constant attent
of course their stock from Palmer， other celebrated rams，is such that it other celebrated bams，they also has
duticult to find better；terksire pigs nany fine improved Berkshire pigo Mr．Snell called our attention tho on swollen being about three times as
as they ought to be．They hung droopil as they ought to be．They hung dreat $p$
the lamb appearing to be in gre The only cause he could attribute
to was from the lamb running amo rape．He said he had seen a nelelam
tlock last year in which many of thelam had lost their ears，and they attributed to running among the rape．If any rege rea this，and a proper remedy，we
like to hear from them about it．

## Implements．

Mr．McGarvin，of Chatham，has on ground in such a ahape as to be easily taken holl the best furrow for se
is said to make ing．The plow may be rather more improvement on agricultural implemen
deserves our attention．
A combined reaping and binding chine was tried in London township，wh
it appears to have worked most satition it appears to have worily．It will cost about $\$ 130$ more our common reapers．We pres．
will be in the market next year． wotice．－Some person has bee
Nall be in our name in a false maxner to
of patent rights on a harrow． of patterest in such；we do not use ons the harrows，neither have we eva
one tried on our farm．We do not a one tried on our tarm．We do in or ny one to invest not credit any
right in it．Do they act for us；we only
agent，and he is in the paper
the eastern part of Cana the eastern part of
tould prosecute it one or
would do a good service ould prosecuted service to the couls There is a patent fanning mill nom
introduced，or，rather，the pad ing introduced，or，rather，the pad
right of it．We do not recommend
wbscribers to have anything to dor el $\begin{aligned} & \text { right } \\ & \text { rubs } \\ & \text { it．}\end{aligned}$

The Mark La ood authority－ pointing ity or fres
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ight or wrong． The Agric Notice was g g the Stock Book
month．The re cations for stocl
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## GRICULTURAL．

bep as a cleangina crop． How to clear our pastures of brush and weeds is a very
matter in all our gract，upon most dis－
mairy tricts．As a matter of fact，urpon mosint daisy
farms it requires the utmost vigilance and farms it requires the utmost ligiance and
considerable expense annually in cutting
brush to keep them clean．The grazing of cows and young cattle aloue will not clean
the land from brush and weeds．Patches of briars，wortleberries，sweet fern，hazel nuts， scrasb，worts ore other brush spring up，and
spread year by year until the grass is
sprowded out and the land is covered with
cher yowng growth of forest trees．In many of
He older States there are large tracts of land now covered with ti
ago were in pasture．
In the case of rough，hilly land that can In the case of rough，hily land that can
never be plowed，tinis return to forest is
often desirable．But a certain portion of every farm is needed for pasture，and if ani－
mals can be substituted for human labor in mals can be substituted for human labor in
killing brush and weeds，is is exceedingly
desirable to know it．We recently visited desirable to know it．We recently visited
two farms lying side by side，with no per－
ceptible difference in the quality or moist－ cepte of the soil．The pastare lands were
ure only separated by a stone fence，but some－
thing much broader than a fence line had separated the management of the two farm－
ers．The one pasture had been grazed by had gone to seed in a magnificent growth of alders，wortle－berry brush，young maples，
votvain，thistles and golden rod，briars and other brush and weeds．There were patches
of grass in perhaps one quarter of the field， Where the cows got a scanty living． The，had the constant tread of a tock of one he，had the constant tread of a flock of one
hundred and sixty sheep，and their hoofs in this case certainly had been gold．Besides all the wool，hambs and mutton sold from
the flock，they had paid for their keeping
every year in freeing the pasture of brush every year in freeing the pasture of brush
and coarse weeds，and in enriching it with their manure．There was no brush of any
considerable size，and very few weeds．And
we learned from the proprietor that sheep we learned from the proprietor that sheep
were the only agents employed in keeping
the field clean．They had nibbled the young shonts every year as they started，and
what they had not killed outright by this cropping，they had kept even with the grass．
There was good feed in every part of this parere was good leed in every part of this
owner of this farm in the fall，and the
owhis contrast be－ tween these adjoining pastures as a stand－
ing argument in favor of sheep husbandry． If it is true，as George Ge
If it is true，as George Geddes asserts， pay their way in a pasture naturally clean， they must pay much better in pastures in－
clined to produce brush and weeds．We clined to produce brush and weeds．We
have had occasion to notice the beneficial
effects of the effects of the grazing of sheep upon another
farm that has been under observation sev－ earm years．They have not only subdued
erweet fern，briars and thistles，but have greatly improved the grasses．，The sod is
much thicker and heavier，aud the white much thasere and heavier，aud the white
clover has come in where once it made no
show at all．In pastures where the brush is already strong，and higher than the sheep can reach，it cannot be expected that they
will conquer．But if the brush be cut for season or two，and the sheep turned in suf
ficient numbers upon the young growth， ficient numbers upon the young growth，
they will keep it under and eventually de stroy it．This is much cheaper than the use
of the scythe and plow perpetually．－Am erican Agriculturist．

## buropean grain market．

 The forcing weather of late has materially the occasional storms and falls of rain havemade little difference in the hay crop and mat of spring corn，from the long drought since winter，and the powerful sun over－
head．Hay farmers complain they have very hitle to gather．The haulm of the the light land oats and barley must be nearly
a failure，unless more rain in quantity and
continuance be forthcoming．Wheat，which

The

 lowest；though the prospects of an earlier
harvest are better，foreign supplies have
checked the checked the upward movenent in the pro
vinces．Paris has，however，recovered th vinces．Paris has，however，recovered the
lost ranct in flour，and the wheat trade has
been steady．Algiers is anticipating harvest been steady．Algiers is anticipating harvest
time，but even there no change of value is
expected before the end af Angust while expected before the end of August，while a
visitation of locusts has made sad havoc of the potatoes and pulse，th
other grains have escaped．



 again our deliveries below last year＇s－sa
6567 qrs．wheat．In France，Belgium，Hcl
land and some parts of Germany it is much land and some parts of Germany it it much much
the same，and never will a new year＇s cro
be received with a heartier weld be received with a heartier welcome；whil
the blackness of famine yet darkens both
Asia Minor and Indin the Asia Minor and India，though with a much
less fatal result than at one time feared and Egypt，that ancient store－house of corn，
has done nothing in the shape of contribu－
tion this year towards tion this year towards other lands．Even
Hungary，with improved prospects，has
anain again recovered 1 spd per qp．，but Dantzectic，
with light supplies，resists a further decline and Hambro，with no stocks to burden
aolders，is looking to America for help．－ holders，is looking to America for help．－
New York is a shade easier again，but seems
at about its lowest，and Southern Russia has not yet adjusted her market so as to meet
those of Western Europe．－Mark Lane Ex－ press，June 15th．

## busbian buckwheat

Silas Alward，Esq．，barrister at law in the
Citv of St．John visited the grat Exhibithon
held in Paris in 1867．While strolling thruwg the Russian Department his attention was directed by a Russian gentleman to a fine and
extraordinary large sample of buckwheat．He
found that it was grown in the nort found that it was grownte in the bokwhear．Hern po
tion of Russia，and from the rapidity wit tion of Russia，and from the rapidity with
which it grew and matured was called the
six week buekwheat．＂Mr．Alward brought
home with him about half home with him about half a wine glass of the
grain，and gave it to his father，John Alward，
Esq．，of New Canad，Quene Countyl That
gentleman sowed it and found ito gentleman sowed it，and found its early matu－
rity was not impared by its transerence to a
other other continent．It has become diffuse
through that section of Queen＇s and the neigh－
boring County of King＇s． bring County of King＇s．
Mrent＇F lives the Belleisle
Point，K．C．Ganong，the year before last raised two crops in succession on three－eighths of an
acre．He fowed the first time on the 8th or
9th of May，and harvested in Juy grain was a aood deal lessened by the depreda tions of the birds，great numbers of them set－
tling on tit，owing to the scarcity of similar food at that B ason．On the 5 th of August he again
sowed the same piee and harvested a much
better cor Bowed the same piece and
better crop than the first one．
The grain is a smooth vari
The grain is a smooth variety，larger than
our grey kind，and somewhat of the appearance
of a beech－nut． or grey kind，
of abeech－nut．
Mr．Ganong
Mr Ganong keeps a store at the Point，and
cultivates a maill piece of land．He believes
his farming neighbors cultivate oner his farming neighbors cultivate over too much
surface，and if they would lezsen the area and turns． Wh ． When the Early Rose potato was first in one hundred and forty．three pound and from one．
The potatoes were cut into piecess containing single eye，and dropped a good distance apart．
－Coonial Farmer．

## robbing the land．

 often we are shown helds that used to，pro－
duce fifty buhhels of wheat to the acre，but
now do well if they produce twelve bushels． now do well if they produce tweive bughels，
There is no necessity for this．The soil has neighbor of one－tenth the amount he does the soll he would be imprisoned．Man has taken away
threefourths of the soil by laziness and ignor ance．If a man starts on a journey with one
hundred dollars，and at each mile is robbed une dollare，and reeeives back one－fourth of dollar，he will soon be impoverished，and that
is the way it is with land．Farmers must earn that in air and water are all the elem．nts．
of fertility in their elementary forms，and that
what is found in earth is approriated what is found in earth is appropriated by the
roots of plants and released by them in decay－
ing，and thast manures are valuable only as
they contain these elements，and if left until
all are disintegrated and release i lit all are didintegrated and release 1 it is worth－
less；also that grasses and vegetables appro－
priate these gases and transform them into riate these gases and transorm them thinto
feed，and that plowing down a rank growth of
veds or grasses in applying manure at the weeds or grasse8 in applying manure at the
rate，on an averageo of one hundred tons to the
acre，and that this is not all used up in the
next acre，and that this is not all used up in the
next crop，but aids other crops planted upon it
to exert greater powers of absorbing nutriment from air and water．Hence the need of man．
nuring．Again there is locked，eeppeciall in
stiff clay soils，in the sub－soils an immense
 tirred deep on ongh to allow light and air to yain strength．LLecturers in Givaryere shand
elataborate this idea more fully．
Farmer．Bucheye elaborate
Farmer．

## WhRat． It is always well to look out eari＇y for the sed for a future crop of wheat．Iti suite as mportant for the farmer to seek to improve

 his gramuch
in our
＂scrub ＂scru
stock
price Tices．So wroved improved grain for improved The verage yield of wheat per acre in this State
does ont exceed twelve bushels，while，with
omproved seed and improved culture，it might mproved seed and improved
be raised to thirty bushels．
There is no law of nature more universally eed after its kina．The best culture possible need not produce superior grain from inferior
隹 fort this year to sow better seed than last．
Let every grain be full and round．Use the
 hrivelled grain and all foreign matter．Lee
none but the bestand purest grain be sown．It
is not good husbandry to take your seed wheat is not good husbandry to take your seed wheat
from the common stock prepared for the mill or market．Select from the field the patches seed，and thresh and keep separate from the
market grain．Do this for the present，but
do not rest satisfied with this．There is large oom for improvement．
The same care that is used in improving
tock will improve grain．Select the best stock will improve grain．Select the best
headd from your best grain－heads thate are
large，long and perfectly filled．Sow this seed no ground thoroughly prepared．Th ough the
patch may be suall，it will furnish a beghining
or improved grain．Follow or improved grain．Follow up this process
year after year，and the result will be grain hat will compare favorably with the most
mprived breeds of short－horns，and will com－ mand cor
Farmer．
early cut grass best．
The German papers publish details of a se－
ries of experiments carried on at the agricul－ lies of experiments carried on at the agricul－
tural sehool of Fatherland，for the purpose of
lesting the nutritive properties of lesting the nutritive properties of grass and
hay at various stages．The experiments were ay at various stages．The experiments were
nitiated by the excessive demand for forage
in Germany but are not the lesa n Germany，but are not the less valuable on
that acount． By an elaborate series analygis，
 than mature erass．The physiological experi－
ments thow that it it more digestible．Thus grass two and a half inches high contains more
woody fibre and less flesh forming matter than the young grass．Hence the difference of nu－
tritive value and digestibility．Autumnal hay was found to be $m$ ．
than summer hay．

The Hon．Dudley W．Adams，Master of
the National Grange of the Patrons of Hus－ bandry，in closing his Fourth of July oration
at Ottum，Iowa，gave the following as
an his id
he：
bele
a hous
Select the handsomest spot of all，and erect
a house of nata and tasteful oproportions and
convenient arrangement．The size，finish and convenient arrangement．The size，finish and
expense will of course expense will of course be governed by the
means at command．Plant treer，both forest
and fruit，in such a way as to break the pweep of the winter winds．Donate a reasonabop
patch of ground to small fruit and vegetables， sunficient to supply your table with abundance of ald acre or more of lawn in front and around tn acre or more of lawn h ront and around
the dwelling，interpersed here and there with
some ornamental shade trees，evergreens and aome ornamental shade trees，evergreens and
flowering shrubs．Train an ivy over the porch，a honeysuckle on the window．Hide
the sheds and outbuildings with a clump of trees or climbing vine．
Your wife and daughters will have some
artistic flower－beds cut in the lawn，and a rose
bush by the door while singin，birds will artistic flower－beds cut in the lawn，and a rose
buish by the door，while singing birds will
build nests in the trees．Make the inside of the house attractive－a pleasant place to sit，
with inducements sufficient to keep your sons
from saloons and your daughters from the Among th nost decidedly absolute nacessaries of life，I
nents，
pports fun emphatically place amuese． ments，gports，fun．A good ringing lagugh is
worth，more to stir the liver and promote di－
gestion than a dose of calomel，and ond deal estion than a diose of calor and promote di－and a deal
oleapanter to take．If you ever come across a
person，old or young，who cannot
 ocket－book or the undertaker．Joy，fun，
laughter sterling，good，healty，wide－awake
happoiness are among the most noble and de－
irable of human attribute sirable of human attributes．Nothing but men
can langh．Don no smother but cultivate this
distinctive feature of tuin stinctive feature of humanity．
why oats plourish in scotland．
In a lecture recently delivered by the Ab－
erdeen College Professor of Agricalture，he has in reference to the soils of the North 0 ？ ＂Mhe gre The greater part of the North of Scotland，
What we are accustomed to call the High－
ands，consists of the older lands，consists of the older caystaline rocks，
the geniss，mica slate，quartz rock，clay slate the geniss，mica slate，quartz rock，clay slate
and granite．The rocks are generally of a
hard，solid nature，and do not yield readily hard，solid nature，and do not yield readily
to the weather，and when they do moulder to the weather，and when they do moulder
down，they give rise to osoils which are com－
monly not very difficult to work，and are well adapted for the cultivation of oats and
turnips，being a light，free or friable texture turnips，being a light，free，or friable texture，
unlike the heavy clays of England，some of which can scarcely be ploughed by a pair of
oreses．These rocks of our Scotch High horses．These rocks of our Scotch High．
ands have been the source from whence a great part of the superficial deposits have
been derived that overspread the lower rounds of the surrounding districts，the
llaciers and rivers having both flown down－ wards from the nountain chains and great
watersheds of the Highands．Now the mineral nature ortiese rocks explains some
of the peculiarities of our Scottish soils， ef the peculiarities of our scothish northern counties．There
is a great deficiency of phosphates and is a great deficiency of phosphates and of
lime in all these rocks，and consequently we lime in all these rocks，and consequently we very much wanting in these ingredients．
No doubt there are some beds of limestone here and there amongo our Highland monen－
tains，but they are of too local and of too
limitede extent to tefect the genal limited extent to affect the general charactor
of the district；and consequently we find of the district；and consequently we find
our Scotti8h rivers contain far less lime than
竍 those of England．This gives the water a
softer character，aud makes it more suitable softer character，and makes it more suitable
for washing with．The analysis of our Scot－
tish tish soils，also，as a rule，exhibit a m much
smaller per－centage of lime than those of smaller per－centage of lime than those of
England，and those of the North of Scotland England，and those of the North of Scotland
are poorer in this ingredient than even the
soil of the Midland and Southern Counties． The same remark applies to the phosphoric
acid．In all the soils derived from these old rocks，the geniss，granite，\＆c．，there is a
marked deficiency of phosphoric acid，and hence the greater demand for bone dust，
superphosphate，and all those manures which soperphosphate，and all those manures which
contan this ingredient．It is this poverty in lime and superphosphates that constitute
the weak point in the soils of the North of the weak point in the soils of the North o
Scotland，and has helped to stamp them with the aspect of barrenness which only the in－
dustry of the inhabitants has been able to dustry of the inhabitants has been able to
efface．It it this which makes Scotland so
much a land of heather w efface．It is this which makes Scotland so
much a land of heather．Wherever you
find a hill of limestone，there you have gren find a hill of limestone，there you have grass
and veedure，and，in order to banish the and ve＂dure，and，in order to banish the
heather effectualy from the newly reclaimed
soil，there is nothing better than a good dose soil，there is nothing better than a good dose
of lime．Lime discourages the growth of
heaths in general，and also fir－trees（Lindley） heaths in general，and aso thir thees（hindley）
We see，therefore，that the heathercla surface of our Scottish hills－this land of
brown heath and shaggy wood－arises in some measure from the want on lime in ther
rocks．The poverty of lime in our Norther
hills and soils is also a reason why Scotland hills and soils is also a reason why Scotland
is so much a land of oats．Of all our grain is so much a land of oats．Of all our grain
crops，the oat is the one that does with the least lime．Barley loves a calcareous soil，
and so does wheat，but an extra dose of lime and so does wheat，butan extra dose orowin
will in many cases spoil a feld of growing
oats if it be of a thin，light texture，and good crops may be grown on land in which ther
is very little of this element Althoug the is very little of this element．Although the
rocks of our Scottish Highlands are weak in rocks ond phosphoric acid，there is generally
lime and lack of potash and magnesia，and this is
no so far favorable for the growth of the turnip
crop，which draws lightly upon the potash
of the soil，as also does the potato and of the soil，as also does the potato and
the straw of the grain crops in general．Ac－
cordingly it is found that potash manure cordingly，it is found that potash manures
have seldom much influence on the crops．

Sept., 1874
cinio of ius andind and monadid
 taker. Joy, fun,
ealty, wide-awak
oast noble and de Nothing but men
but cultivate thir
in scotland ivered by the Ab-
if Agriculture, he North of Scotland
to call the High crystaline rocks,
rtz rock, clay slate re generally of a they do moulde
ils which are com
0 work, and are ration of oats and England, some o
lghed by a pair o
our Scotch High from whence
cial deposits hav pread the lower ing districts, the both flown down
chains and grea hlands.
cks ex ur Scottish soils hosphates and o
d consequently we s, as a rule, ar
these ingredient
beds of Highland mou egeneantly we find sequens ie tha
gives the water
gien es it n
nalysis
nexhi exhibit a mac
ime than those northan even the Southern Countie
to the phosphor
ived from these 2,8 ,
sphori
nd for It is this pover Is of the North to stamp them wit
which only the in has been al
makes Scotlar zere you have gra
der to banish er than a good do ges the growth
fir-trees (Lindley
$t$ the heathercl: hills-this land o
y wood-arises
ant of lime in th me in our Northern eason why Scotlan
of all our grai
that does with th extra dose of lin $t$ texture, and good Al. Although the there is general
gnesia, and this rowth of the turnip
upon the potash upon the potash
s the potato and
ps in general. Acat potash manur
ence on the crop

Sept., 1874.
THE FARMMER'S ADVOOATH

With us iron also is generally present, and
often in so large'quantities as to be injurious, forming a pan or hard stratum between the
soil and the subsoil. The heather is a plant soil and the subsoil. The heather is a plant
that takes in a good deal of iron; and this is so favorable for its growth. We see then that the granite and geniss rocks of Scotlani a deficiency of lime and phosphoric acid and by a richness in potash and iron, and
should also add to the element called silica Owing to the great poverty in lime and phos phoric acid, turnips can seldom be grown on such soils to advantage until these two sub
stances be added, and indeed in the case stawly reclaimed, ground, $a$ dose of lime i
almost always required before crops of any almost always required b
kind will thrive well.

## liquid manure.

It would not be stretching truth too fay
(and we see pretty often at the present day laws which control and regulate the application of liquid manures are less understood,
simply because they are less studied, than irect, and govern the operations in bot farming and gardening. Ask any ordinary rule of thumb farmer or gardener when and
how he would apply liquid manure, and twenty to one he would reply, "Oh! put
on any time when it is ready, and you'v on any time when it is ready, and you'se
nothing else to do; but it'll be all right.'
Ah! but my unthinking friend, this will not Ah ! but my unthinking friend, this will no and, hit-or-miss, happy-go-lucky concl not stand the test of quiet, searching in
quiry. Now a day the world is full of people quiry. Now a day the world is full of people nconsistant baseless reasoxings, they insist
n have a sund, positive, irrefragable
"Why" "Why" for every one of their persistant do you do this?" "When do you do this ?"
and "What do you do it for ?" Let me in this short paper see what $I$ can
o to throw a little light (it may be a very ittle) on the question of applying liquid manure; and possibly I may satisfy in son
slight degree the questions of many of yo correspondents. (1 quietly infer, you see
that you have queries of this discription. will endeavor, at the beginning, to cle without stumbling. First, then, what is
liquid manure? It is water holding in soution all the chemical constituents andactive
agents of manure. Being in this state, its action on the crop to which it is applied is with great celerity if the liquid has been The laws which regulate liquid manure rowing yet they are still infallible and inflexible in may be derived from its application, and
that withoutinjury to the plants to which it is applied, it it absolutely indis-
pensable lst. That it be weak and frequently given; 2d. that it should be clear
and 3rd. that it should only be administered it is apt to produce great injury, because of the assimilating power of the plants. I muddy or thick, it carries with it in suspen matter, which fills up the interstices of the themselves, very greatly impedes the power plants are torpid, it either acts as in the rodes the tissues. It must always be bor in mind that liquid manure being an agen pends and lies in that peculiar quality
therefore its effects is to produce exuberan growth; and that it will continue to do as light required for its action are sufficient These then are the true and inviolable laws which regulate this most important garden
ing operations; if these are well studied no mistake can be made. The leading truth which we aduce from these principles are of that plant and the object aimed at. Le me explain. The greatest danger in apply
ing liquid manure is on the side of strengt
to use liquid manure very weak is simply to
imitate Nature ; and a safer guide the most imitate Nature; and a a sefer guide the most
obdurate sceptic could not desire. The car-
bonate of ammonia carried down to plants bonate of ammonia carried down to plants stances about one grain of ammonia to one
pound of water. This looks so infinitesimall small a dose, that many whould be disposed
to jeer at it. And I do not say that it is jeerat it. And I do not say that it in
the only safe quantity ; I have given and constantly do g give strong doses, but as a
general natural law it has its due weight ad ought to be a guide to us somewhat in
ur artificial imitation of Nature's laws Let us now consider for a moment why and
for what object liquid manures is given, and or what object liquid manures is given, and
the special results which are variously striven
for wher is decided upon to adminsterit
 $\begin{array}{ll}\text { aim of } & \text { cultivator, then liquid manure } \\ \text { may be } \\ \text { burst unt } & \text { used from the time the buds } \\ \text { \& necessary that the ripening }\end{array}$ in. In the case of flowers mind that the more lea
fewer blossoms it wil
 anure is the efore unfavorable to the pro
duction of flowers. The true period of ap plying it with the purpose of perpetuating
he growth and the heightening the beauty
oflowers is most ungestionab whe their buds are large enough to show that the eli nentary system is complete, and therefore fower bed is completely formed; when the just
bout to swell more fully. Now, with fruit is otherwise, as the best period of apply the flower has died off and the fruit is beinning to swell. We gain nothing by tryThe proper time is when the fruit is suffici-
ently strong, and has a power of action cap he of opposing that of the leaves; from this
ime, and as long as the fruit is grow time, and as long as the fruit is growing
liquid manure should be freely used.
Farme (Eng) ne ( $E^{n}$ g).

> the grishhopprr plague.
'"The grasshoppers have a very depraved
ppetite, prefering hi. hly-seasoned formen mild diet. Toraco liaves, onions, gage, pep-
pers, tansy, and wormwod are des'rayed the scouting parties, while the main army
sweeps on. blighting in patches every green
hing. They lie in wait around the cor thinc. They lie in wait around the oory triclid.
lunching off the tender prairie
trass, while the lunching of the tender prairie prass, while the
fearful farmer plants hil after rill, He can-
n.t delay, for his faith in Grod heems to be at stake, and he dserennt regard the clouts, even
though they areclloudd of grasshoppers. Then
we have 'first the tender blade and then' the we have 'first the tender blasse and then' the
hopper and then the porkers mast be let out
of the of their rens, fir it it ir root pit
(slightly altered from the original).
(ithere may be few potat not too late yet for buck bheat and turnips,
but it soon will be, and they are eating as
 vear-1d. Two days after the currant bushes
cooked like hazel bushes after $\begin{aligned} & \text { fire has run }\end{aligned}$ lroked like hazel bushes after a ire has run
through them - mere stubs, One eotleman
thought to save hie young orchard by b ushthought to sawe his young orchard by b ush
ing of the warm and painting a ring of tal
around the tree body. I suspect a horticul. around the tree body. I suspect a horticur
turarist would tell him that his remedy is
worse the worse than the disease. Another rode ton
miles to braz over his thirty-five acres of corn,
five inches high . When he five inches high. When he reached home
again two thirds of his corn had be ne eaten,
and the
 000 peoplt in this once fertile district have
nothing to eat and but little to wear. Hun
dot dreds are Irifting away with their stock to'
conntry were strong, willing hands find w rk ortnery were strong, willing hands find w fur
others getting away with nothing, begging fir
something to eat when they become to fain to tool on any longer. Many cannol leave wh
sacriticed everything to get throunh last winter
and have nothing to and have nothing to do but wait. What they
are waiting forthe Lord only knows. In His
great mercy may it not be death from starva A correspondent of the Detroit Tribune
says:- $A$ A. deep gloom per vades the entir region in view of the utter ruin of thousand
of farmers. It is only by seeing with your own eyes that you can get an adequate mpression
of the utter ruin of thousands of families. II
the the annihilating breath of the destroying
angel had swept over these fair fields the de struction woutd not have been more complete.
The wolf of starvation is even now looking in
at the door. and many must perish without at the door,;
foreign aid."
A later
A later report says:-"There seems to be
but little new concerning the grasshoppers in
Minnesota. News from Omat in Minnesota. News from Omaha is that reports
from various portions of Nebraska are very
discouraging. In Dawson country there will
not be enough corn raised for seed. The corn,
bean and $p$ tatoe crops f the Pawnee Indian, bean and $p$ tatoe crops 'f the Pawnee Indians
are totaly destroyed. Without additional a id
from the government they cannot but sulf rom the government they canonot but suffe
most severely. The heavy rains that hat
tely prevailed over a large porti to lately prevailed over a larye portion of lling
ave put andietus on the chinch bugs, b
there are some northern count were are some northern counties in which thei
wotk of d destruction goos on unmolested. The reported at work in South
Carolina to such an ane extent as to arolina to such an ex
larm among p'ant rs.
And we are further told: "- "The Inwa grass.
hoperer has been checked in its career of devas Apper has been checked in its career of deva
tation, not much, however, to the farmers' hor its successor is a red.haired buy an inch
long, and with ai: appetite marvellous for it
keenness.

Manuring by plowing down green crops izing the soil continues among the most
prominent topics in agricultural discussions the difference of opinion as to its value eviending on circumstarces that are overlook y those who take part in the discussion.
On the one hand it is declared that the plowing down of green crops is of no more
good than the use of so much "acidulated
water" whie water," while we see statements from the
other side showing that the very best result have followed from the practise. So far as
we can judge, green manuring is not sue-
cessful in tight sandy the cow-pea is used for foils. purpose, souwn
early in the summer and ploughed down in early in the summer and ploughed down in
the fall. In the middle States clover is
used, and further north rye We cently seen some statements. What it have paic hand somely in the New England States
plow down in the spring a crop of rye, though
there was a certainty that it would in a fe there was a certainty that it woupld in a few
weeks return $\$ 50$ per acre, in order that weeks return $\$ 50$ per acre, in order that
crop of corn or nutabagas might follow. This in no mere opinion. The party who finds so much p profit from it that he continues
the practice. Of cousse the practice. Of course it goes hard at times
to sacricice a whole crop for a season whooly to fertilizing seeds, and it is this which keeps
so many from practising it ; but if only good so many from practising it; but if only yood
figures are kept, it will often be found that
the cost of manuring the cost of manaring an acre or more, popular
methods often extends the product of many of the most paying crops.
We have been led to these now, in consequence of the statement of one who has a long tract of land under culture, but whose system includes very little live he had to purchase a considerable amount of manure every year; but since he has ald-
opted the green manuring system, ho has not purchased any, and he regards his farm and though his land is by no means heavy,
it is not the lifht it is not the light sandy soil generaily
posed to be alone adaptel to this posed to be alone adapted to this system.
It seems to us that much more light might
be thrown on this method of farming than be thrown on this method of farming than
has so far been afforded us. There are many plants which might be tried that
would be better than anything so far named. In Europe lupins are very popular, and
some efforts were made to introduce some heres we believe, some years ago.
them her,
Their advantage are that they will make a good herbage on soil so poor that nothing
else will grow. Then it would be an advan
to sa, to grow things which will make a good
tool so that they could be ploughed down in time for certain courops, and ploughed not town lown
dong it. Rye may do pretty well for late spring crops, but would not do for those
which had to go in early. It would not be grown sufficieut for the purpose. It is likely
that for this purpose buckwheat would be be
an excellent article. Soon after the early summer repop were off, it would grow enough
to be plowed down lefore winter, so as be ready for the early spring. 1, 1ut the
whole subject will bear a revicwing by prac tical men. Thus far clover is gennerally pre
ferred for plowing down.-Germutuon tre ,orrvit

## reatment of hay.

"In exppnding our little bay of hay-
twelve-feet cube, or thereabouts $-I$ find earl h rrse-load reminds me by its peculiar herbage,
of the eart of the meadow it cale form, and
the circuma ancess of it a a athering in the reku lar inverted sefuence of the hay harvest The
loads that were perctectly cured gave al ac
count of thenserves in a more aromatic sweet

Cess of moistare, tell the inalin volh meno of fine











arhe more I prove practicialy after thinty














 menet the roots of the turnip plant hatipipg
nenent






 Thants semin forth their stalks anan sidit ethootet


 Wh learn from in Votern nowspaper that

 West.






Paris.
Perhaps of all the sights we have seen, the view of this city has surprised us
more than any other. There is a very more than any other. There is a very
marked difference in its appearance to any European or American city we have seen-everything is so much cleaner pearance. Even the roads and alleys ar washed with water and revolving scrub bing brushes every morning. The house are painted to a far greater extent than fron we have ever seen. Whole sides and fronts are painted, and, in many instances, are to be seen on herse frons in public resort and places of business, giving a most pleasing effect. The buildings of Le Louvre, Le Place du Concord, the
Tuilleries, Palace Royal and Hotel du Tuilleries, Palace Royal and Hotel du of massive and handsome buildings surpasses anything of the kind in England. The great display of handsome statuary on these buildings, in the interior anc the cost of which must have becn im mense. We next visited the Royal Gardens, where fountains and jets of water
are seen playing in various directions are seen playing in various directions.
Here, handsome avenues of trees, beautiful flower-beds and vases are seen, bordered by the green sod. The walks are
all of flagstone.
Statuary in varion all of flagstone. Statuary in various
forms are here; aud in the Ciamp frms are here ${ }^{\text {and }}$ and in the Cuamp of music are frequently playing in the evening for the public. On either side are places of amusement and resort, like
Chinese houses, decorated with flags and fantastic lanterns. Beyond this the ground gradually rises to a considerable elevation, ou the top of which is erected Arch. This is a very strong and substantial structure, 150 feet high, the top being 27 by 56 paces. On the summit of this from America, England and other places. Some principal places in Engprincipal places in EngIndia and all parts of the world. Wewere so much
impressed with the grandeur of this spot that we spoke to several of them,
and all concurred with us and all concurred with us in our opinion that this
is the grandest and finest arch in the world, and that the views from it embrace more beauty grandeur and wealth com-
bined than any other in the world. To the front may be seen the long, in length,passing through the most beautiful gar dens and ornamental grounds lefore described we wresume, must be we presume, master of a mile. This road is near the centre of Paris. On ither side may be seci lic buildings and a gen eral view of the city There are 16 boulevard
or roads centering to
wards the Arch of Tri
umph. Many of them are broad, having wide and neatly kept grass borders between the main roads and the side-walks.
The walks have rows of trees planted The walks have rows of trees planted rich profusion of flowers. There are no ences to guard these flowers from anything passing along the walks or main oad. These streets give the city great his point, add beauty to the commanding view, which extends many miles in each


Royal Gardens.
of the late war are noticed,except at some
of the public buildings, which are neing climate is better than in England. In of the public buildings, which are oeing Canada and England, the lady's house is warlike feeling appears to be a strong her home, and she loves her home. In habitants. They do not feel conquered by Prussia. They consider that an undue advantage had been taken by Prussia, and that ere long they will be prepared and make them repay the sum of money that France has paid, with heavy interest. France, the home appears to be out in
the air. They appear happy and cheerful, are very fond of show, and know how to make the most of everything. The shop windows are tastily decorated with
green leaves and ornaments and everygreen leaves and ornaments, and every-
thing has a cleanly and tidy appearance. In some of the shop windows we noticed

,

The Voracity of In
The Voracity of Insect Life Some interesting information relating
to the ravages of insects was the Lovdon Times, by C. OV. Groom
then Napier to the House of Commons committee, of last session, on the protection the brown tail moth were so numerous in to defoliate the trees of a very large part of the south of England. The alarm was so great that public prayers were offered
in the churches that the calamity be stayed. The poor were paid one shil ling per bushel for collecting caterpillars'
webs, to be burned under the inspection webs, to be burned under the inspection
of the overseer of the parish; and four of the overseer of the parish ; and four
score bushels were collected daily in some parishes.
The brown tail moth is a beautiful little white insect, about an inch in expanse of
wings. Mr. Napier noticed that in 1853 it defoliated about twenty feet of a hedge ear Parkstne Poole, and in 1855 the caterpillars riddled and deprived of therr eaves two plum trees in his garden at ar of the gamma moth is one of the most injurious to garden plants. It principally eede at night, and concealing itself by verran France about a century ago and devoured a very large proportion of the crops, but fortunately, the corn was not attacked. The antler moth is sometimes Napier once saw millions of these on the Wrekin, and in the following summer the yrass of the mountain was in a miserable tate. The lackey moth is very destructhe cabbage moth, and small ermines, are very destructive to the leapes of fruit rees and garden shrubs.
But, on the other hand, the benefits denot be overlooked; some species feed only on noxious weeds, and others prey
on still more noxious insects. One of the
greatest friends of the agriculturist is the fawhich lay their eggs in he bodies of living caterpillars, in which they are hatched, thusdestroy-
ng them ; although the ing them; although the
caterpillar, alter , being
"inchneumonel", has "iuchneumoneed," has
still a voracious appestill a voracious appe-
tite.
The caterpillars which ferd on the cathlage, eat twice their weight in a
di:y ; the larve of some of the flesh flics eat a much larger proportion hive this. The producvary powers o insects
very much. Some ay only two eggs; others, such as the white ant, at, 000,000 , laying them ninute. The Queen of the hive bee is capable of laying 59,000 in a scanon; the female wasp,
30,010. The majority of insects, hawever, lay
but about 100; in gen but about 100; in geusect the fewer eggs it
lays. Mostinsectshave year; some have in a

The great beauty, neatness and display, jewelry, hats, \&c., marked in large letters combined with numerous pleasure resorts, The ladies appear to live out of doors. In the daytime they take their work and public resorts, and sit there or promenade; and in the evenings they go to the gardens or walks, or sit in the groves in the
city. The gentlemen, also, spend the major portion of their time out of doo"s Even the cafes or drinking establishments
ould be marked "From Paris." This hows the desire of the public to obtain om a distance.
The winter in Nevada has been fearful.-
any grazers have lost all the cattle they年简y grazers have lost all the cattle they pssessed, and nearly all have lost a large
Valleytage of their stigat. In Honey Lake
Vald for $\$ 60$ per ton and alley hay sold for $\$ 60$ per ton, and at one
time for $\$ 130$. Cattle are still dying there me for $\$ 130$. Cattle are still dying there
nd a person while riding through the val
ley is hardly ever out of sight of carcases.
thers take seven years from the time the eggs are laid until their death, in a per-
fect state. But probably not above five per cent. of the ergs laid become perfect insects.
Of this kind, the daddy-long-legs is one of the most destructive, especially in France. It feeds on the roots of grass,
and Mr. Napier, in 1859, noticed meadows in La Manche devastated by it. The starling is a bird most useful in destroying these larve, and those of the horse
and cattle flies. The orthopterous in-

Sept., 187
sects, of whic destructive. rasshoppers grass crops. any damage, b their greates nd the rose co hem in flock numerous as he cockchafer
on the banks On another ormed a bla sky for the di
stroyed the ve troyed the ve nade a noise wood. The mine, were ob
1904 , they we witzerland.
ggs, and in si eggs, and in si
weeks they a atched. The live from thre
to four years $i$ to four years
a larve stat The first yee
they do not hreat amour a great amoun
of damage, bu n the secon
n sea
year they a year they a
tack the roo of all plan within the
reach. The
often ruin th often ruin th
crops of c
cor crops of $\mathrm{c} \| \mathrm{I}$
ucerne, strav berries suld v : rious plants
which mand pends for foo
Our insectivo us birds a diligent in $d$
troying tl stroying $t l$
larve of insec but they w is require
hand labor
also needed.
 respondent
the "Journal the Farm" say
Barleyhas, sin
the failure the failure
the oot cro
gained in re gained in rep
tation as a gor
and substanti and substant
food
for lorse, and mal
armers are no growing it fo
confessed that gree, the prin
It largely abo gar, gum and
words, barley nutritive matt
pounds to the pounds of nut ley, in some
horses instead
In this conn horses instead
In this conn
horsemen to barley
oats.

The best an
the great desi is in quest fro a doubt, wher
ision or encl
of hawthorn, is superior to
fairly establis beauty of the
and autumn.
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THE FARMFR'S ADVOCATH.
Sept., 1874
itgelf in a square of white muslin. 1 It is in
this fresh, sweet tand inviting form that the
butter comes to the consumer. All about buttor comes to the consumer.
is flla
frament about and sughestive of the country luxury
about
Mr. Cole has found that his production of The margin aboveve the market price for fine butter as is usually placeed before the con,
sumer, which he has obtained, returns him largo percentage for his care and labor. The serret of the matter iles in tred fact that
 of hiis daily y yocotion that ingenuity and
intelligence which mechnics are always em
 heir wares. There is no reason why dairymen and producers generally should not be ers are Indeed, there is every reason why
they ahould be, and much of the sucess of they ghould be, and much of the suceess of
the future will be obtained in this way. Im prove your prodeduct, and present it in insech,
way that consumers will be drawn willingly way that consumers will be drawn willingly
to it. There is $a$ heap of wisdom in these words, and a heap of profit in


TOCK \& DAIRY freding value of bie. gruwing rye for feeding sheep,
ves, may hy very advantageously cows and calves, may he very yadvantageousfy
availed of when it is necessary. It would be vailed of when full chancary. for fall would bi ter growth. but towards sprin, when the
ground is dry enough, it may he moderately
 manure of the stock, if ted to any extent with
grian at the eame time, ound amply yton
or any diminution of the mass of green crop.


 ally, the value of guch pasturage to give to the
ewea a full flow of milk will be apparent.
extract from profrssor bb
Milk is the raw material of cheese, but
the cow is the soarce of milk, and no treatise on cheese-making would be complete with out a notico of the amiman and its reation to bread are considereal to be the most ; profit bate to the dairymana, as they give a much
better returu in proporion to the quantity
of food they consume than the larger breed of food they consume than the larger breed
do. In. England the Alderneys are very highly estemed, and by many eminent agri-
culturists are placed first on the list of dairy breeds, though the Ayrshires have about an equal number or ordvocates, and, as thar as
can undee are pernap, upon the whole, the
more more profitable breed to keep, as their consti-
tution is stronger and more hardy, and they will thrive on coarse fare, and require less
attention than the Alderneys; and thongh the quantity of milk they yield is not sog great
in proportion to the weight of the animal,
 Mreater, thid the thenchess is about equal last through a greater number of seasons
and when no longer wanted for the daxiry they fatten much more rapidly, and attain a
 testify from my own experience cannot bet
surpassed in the richness of the milk, both in cheese and butter, though the quantity
given is seldom so largo as in some of the other breeds.
Many capital dariry cows are to be me
with amony the common and drade cattle of this country, and some prominent dairymen advocate the erossing of the common co with the shor-horn, and the resulting bree goain th the pererable breed for dairy pur-
forsing but until the raising of cattle for the poses but until the raising of cattle for
atairy becomes an established brach of our
dat yained in the matter, it is perhaps premature to attempt to lay down rules or settled prun-
ciples in the matter of the special produc-
tion of the diry stock.

 tention, but when the herbage becomes dry
and scanty every judicions farm and reartye anery.fient extent of green erop
in carry his cows over the season of saarcity, nd maintain them in good condition unti the approan the barn. For this purpose as
then
mixture of rye grass,
ind clover and oats, combination of plants has in great abund ance the elements of cossine, , gluten, albumen
tha
oil, which are the chief substances th
 in the intervals and cut green, will also mak
capita foodder
capital fodaer.
To keep up anything like an equal supply
of nilk from a number of coos, their pasture
cound should be subl ivide ground should be subdivided by fenees tha
they may be contined in one section unti they may be oontined in one section unti
they shall have eaten the grass wwll down
while the other section $n$ is whe te ouner section is growing. has teeth only in the lower jaw, and thick
cartilaginous, almost $\begin{aligned} & \text { mer }\end{aligned}$ ovable lips re.
re. quires to have the grass olone enoug h ore
her to twist her tongue round it, and so
hring it wither role by a peculiar sile-10ng motion, rather shear
than bitit the stems and leaves. The horse,
tith hel with his well.furnished jaws, and the sheep,
with its small, fine muzzle, and both pr , vided with muscular and movable lips, can graze much closer to the ground than the
cow cank and the horse would maintain him self cing god onditition, and thme ehteep thrive
nind grow fat upon a pasture on which a cow
 to shield them from storms and cold. In
many parts of Ehyland and Scotland every frany partsonited with an ereetion called
filhemmel," some seven or eicht feet high
file and large enough to contain the number of
animals to which the fiel is is inally stinted
It is composed of stakes driven firmuly into the ground, intervoven at the sides with
branches, and roofed, with straw or litter.In the "Henmels" the catle or othe
stock fiud shaile or shelter as they $m$ may re quire. In this country, where wod of any
required dimensims is so easily obtainalle, and where the tranches of the pine and
sedara raford such ssitatale material for the
sides and sides and roof, these "hemmels" could be be
erected at at a very trifing expense, and $i$ in
 essible from either side, as may be requirieci, rey would be found
our changeable elimate.
Arove oul, cattle should have access $t$ to
pure, good water, and should never be al
lowel to drikl for sty Wed tod drink from staynautt pools or ponl
uto which the drainage of houses, barn stables or manure heaps finls its way. If
diere is one physiological fact connecte with the propapation of disease better es-
thblished than auother, it is that in Water is the most active of all agents in disoenminatius infection, more particulariy that Asiatic cholera-among the human race.-
Every case in which typhoid fever has
 water contaminatell with se waie matter,
Now, the same cunses which operate so
 their bodies are constructel upon the same
fuudamental plath, and their functions are
for determined by the same general laws which

 the home manufacture of their milk, that
cows which are well fed and contortally cows which are well fed and confortably
housed during the cold weather of winter,
are much better prepared to y yeld a good
rofotit during the ensuing season than those profit daring the ensung geason than those
Whinch are santily fed and insumfieintly pro-
tected frem Lected from the yicissitudes of the season.
In my mother's little establisliment her cows were always fed in winter upon the
best tuality of ofd moadow hay, along with


 or silices to prevent the danger of ohoking com mon nor so cheap 50 years ago as they
are at the present day In ad did present day.
In antion the this fare, each cow had nisn of brewers' grains, mixed with a por
tion of whent bran or horts, and about a piut of erusted linseed calke or pea meal.
the whole seand led w with boiling water twice
a d ay a cay at milking time, And y yet these cows
cravel for greater variey in the
their diet. ane known them to orefuse their hay, and
eat up every particle of their bed straw theip chering worlde allow them to. reach--
Cows that are treated in this way are not Cows that are tranted in tuis way are not
only preparel to stand the transition from
the dry food of winter to the sacculemt grass of spring without derangement, but in n calf are much less liable to abortion, Which the change of toon is apt to proaduee
in cows that have been less kindy and less
carefully treated. Vers few cases of the

 or fodier, cut fine, and mixed and sealded

in the same manner, makes a very good | $\substack{\text { the esame } \\ \text { anbstitute. } \\ \text { Before lea } \\ \hline}$ |
| :--- |

Before leaving this part of my subject,
nust put in a plea for gentleness in the reatment of cattle generally, and of mileh
ows in particular. $A s$ there is no mimal which will make a better raturn for good reatm nt in respect of food and lodging, so here are enone more sensitive ot kinise sid Rhose care shin is ilaedi; and while she win will be gentle obe obeient and even anfectiontet towards those who treat
sistent and uniform kinduess. sistent tand unitorm kind is
The flivor of he heese is a
tem in the deternination of its market alue, and may be affected by many other the milk in the dairy or the factory. of
these I shall only notice the food of the
 for several days for the manufacture of cheese or butter, because some of the cows
had got aceess to beds of the wild garlic or wild onion; and everyone knows the peculiar unpleasant taste which turnips impart
to the milk and butter of the cows to which they are fed, unless the precaution is ob-
 On the other hand, the clicicate Havor of the
celebrated Parmesan cheese is said to be owing to an admixture of the milk of goats
which feed upon the wild thyme that grow which feed upon the widd thyme that grows
profusely on the rocky
ridges and siopes of profusely on the rocky rin ges and slopes of
the epennines, on which they browse.
In rich but strong tasted chese in made by
mixing the milk of the ewe with that of the
${ }^{\text {cow }}$ There is another substance contained in milk which Thave not noticed yet, as it doe
ot appear to enter into the composition of checese or butter in any appreciahle quantity
This is albuncen, the most faniliar examplo
 tion, , but does not become solid under the
same intluences; $i t$ therefore passes off in
 it coagulates and forms the famous curd cream, and susura, is asocounted a a great deli-
cacy. The whey also carries off part of the butter and nearly all the milk sugur. The
 tained by churning the Whole milk or cream,
is useful for shortening and other domesti uses. The milk-sugar can also be separated
by evapporiting the lifinuid tliat remains afte the albunen and butter have been extracted
when it crystallizes out. If the whey is fe

of their ordure may not affect the milk,
which is pecelliarly susceptible of such influences. It now remains for me in its economic relations. It it is undoubtess
 ment, for a given expenditure, than any other single food material. It contains, induired to support our bodies - nitrogen, to
quaint
tain pair the cous volume of the muscles and reDir the constant wasto of the tissues; car-
bon and hytro
heatt, lime and and pon to sustain the animal stituents of bone and sulphorr, to meet the demands of the sarffstski, the hair and the naiss, oide of iron, to vivify tho blood,
phosphorus, the most active material stimu-
lant of the brain and of of the nervous statem ant of the brain and of the nererous sustem
generall - that seasitive and delicate tele greah by which sensitive and delicate tele-
grommy whe the impulses of volition are communicated to the organs of thonont, of
action, and of
expression, through. which hhe intellectual and spiritual pant of our
louble nature sends forth it manifestations. It has, however, one edefect. and one leficiency-it is deficient in starch,
which is much reaured in respiration; and it presents its matter in such a highly conconstrated form
that only a sumall quantity of it can be digested or assimilated at one time. $1 t$ there-
iore Tore requires so be supplementen, and, as it
Were,
which shateol with with some farinamecous fool, Which shall at once supply the substance in
which it is deficient, and so inerease it bulk as to distend the stomach sufficiently to en-
able it to act effectually upon the mass. It is therefore generally yeaten alonen wist bread, nited in our speech and in our stomache as beans. from its composition it will be aptly in-
ferred that cheese is eminently fitted to sushection I may relate an anecciote commonicated to me by a gentieman, long since de-
ceised, who vouched for the e circumstances ledge :- In the vicinity of the town of Bradford, years ano, a rather eceentric, old gentleman,
who farmed a small estate of 150 or 200 acres, whice had belonged to o his family from chiefty as a dairy farm. He kept lying in
his barnyard a large kidney-slaped boulder his barnyard a arge kidney-slaped boulder
stone, and it was his custon, whenever he
shise hired a a new farm hand, to make the mai
try to ift this stone- feat which very few
were able to pertorm. At the end fot the Were able to perform. At the end of the
year's service he would make him try yarr serviee he wout make lim ry
janan, when, without exection, ever one
litted it with ease. The old man would then explain to them that this increase of power
arose from the fact that cheese had forme a large portion of their diet, and would conclude with this advice: "-" II you want to
be able for your work, eat plenty of cheese." be able for your worke cat tlienty or cheese.
I have not touchod upon the application of the co-operative principle to the manu-
facture of butter, but $I$ have no doubt that in this way may be made a very superio
article to that generally produced on private farms; and in ever from over competition on
any other aunse, the cheese market should
 manerative,
have the manufture of butter to fall back upon, and that we need not kill off our
coms or suffer out factories to to gown for
want of ocenpation. The Thg ish market
whe Want of ocecpation. The Eng lish market
can absorb a v vast quantity of first-class but ter, lut it wonld be of no use to send an in ferior article thither. Thave now, Mr. Presid ent, to express my ment in behalf of dairy husbandry whic
has has been so auspiciously began and so suc-
cesssully canried out so far, may go on and rrosper, and that the manufacture or
on a a large scalle for the English market may orm a permanent branch of our agricultura try's prosperity. And I hold it to oue boyn no
teans the east conclusive evidence of the great and growing importance of this branch the sonth of the great lakes acknowledge us as rivals, and begin to dread our competition
in the markets of the world.
Following the ticar Merall's report of the Ament
Tnirymen's Danym thens Convention, heotd some dime aso,
Ifind that Mr. . Brold, in delivering
the annual address, made the followin
pregnant statements and aumissions. Afte tataing that he did not apprehend muc
langer from the opposition of End Ierman cheose-makers, he went on to say ${ }^{1}$ auticipate that the shipping interest of the United States will meet with more for
nidable competition nearer home. I allude
 orms us that in the year preceding the ab-
rogation of the reciprocity treaty in March, bout 1,500,000 pounds
 then latid ant pon that tux uxury compelled the Candaians to rely ypon surply comp theiled selves
witrintir withrtheir own make," He then traees the
rapid progress of the cheese manufacture among us rom 1866 to the present time, ani June, 1873, our shipments will have take the place of their exports to the extent on
$0,0000,000$ phnnds $!$ tion of his andress in the ofllowing this por "Whether this estimate is too larye or to dian cheese must, before very long, seriously
affect our trade in the Engibs market."
 The manufacture of Swiss and Limburger
cheese is now quite extensively carried on in cheses in in ow, quite extensively earriel on in
this contry, and it said to be of excellent पua.
lity burger variety, when in it its prime condtion according to the German tastere requires to
into
into
eonsumption at once, asi teriorate if fept long after it it fully ripe. o O
 for the cheee made in America Probably
the largest quantity of Limburrer checese made none oraity is made in Northern New York
Jefferson county taking the lead.
Some of
 ropean plant, though of course much larger
than the German establishments. facturin Is quitis a number of factories mannu
 quantity is made in wiscensin. In considerab were oroduced during the year r 1873 .the milk
of 1,880 cows being used for the purpose. For the present it is estimated that the milk off
2,310 Corww will be topployed in making Lim
burrer che ine in Surger cheese in the county of Greene
number of factories in the vicinity of Oshiksh
 or cheese command atereater price thand the
ordinary style of American cheese, they being

 deivering milk at these factories are much
better than at the ordinary factories for mak-
 hope to see gome
the production.
 derstand is importe ll thatroai. We ought country and we ought to make it of as fine flavor and quality as that protuced abroad. II
would be well if some of cur factories tura their attention to some of the varieties on in this country, but
been produced by us.
bhade and purk watre for gtock. We have always thounht it eruel to expose
stock to the fierce mid day rays of our summer sun without fiade reer. kinds do suffer more or less from the of direct

 hine shade and stand there during their no uning in preference to cropping grass in the sun, | their cows in the barn .yard |
| :--- |
| until the sun is some distant. and | zon in the morning, without any thipg to eat,

and then a atter croppiivg a hasty brealf fast they


 We have known some writers to deprecate
shade trees in a pasture, because stock cling to


 It ited tok in
too much of
IT to much of the the time tomain under the she shade
Why should it ient feed, why stould it not be a a Food plan to give them
hitlo eut grass or some other nourishing It is undoubtedly the true policy in keening Luring food for man, whether it be fesh or
milk, to induce them to consume all the feed that their organs can digest without detriment
to the th health
fervid rase of the they hay
rue
driven by the the oo moch of their time in or order that theyer should
he fed
 ting them up in stables and feding them. Wr
 mical, for we beieve it is both inhumane an
wastefulu to compel stock to seek their 5 tod ex


 for their stock during g a graater part of thepa
turning sason. Thisi is cruel an unneesesary



 pure, wholesome minikt innd cows conanot make water not only makes unhealthy milk, but
ffetets the health of the stock that drinks therefore provide pure, s,
stock. $A m$. Bural $H$ Hone.
the buttre prod cing regions. Normandy and Bretagne are the two butter

producing regions of France, and the export tions are almost wholly made to England. The | former is famed for its Itigny butter, the latter |
| :--- |
| for that canl d Prevalave, and which is pre |

 its name from a mall frm. There is nothing
peanian in the race of black catite of Bre
tange

 tumn the same, with cabbares, , bran mash
being given to correct the flavor the cabber

 | carrote |
| :---: |
| Darie |
| In |
| Britate |





 in summer a cold one. Twelve fuarts of mink
yield 0




 superior favor to to that of of treveralaye after it hat
 butter i washod in the churn itse




 raphity butter is rade up in one or two pounds,
ligeed in little hlack earthen pots, covered








 turproved stock.


 tifer pure terest and that several importations
time since
stock have been made. Some bred Ayrchire bull, and the reshlts thompouse to
be in every way uivan tageous. The eame en. Inprising yenteman has ous purchased for

$\substack{\text { tion } \\ \text { the ord } \\ \text { no means }}$
no o the early dayor, of and are amm irably adapted



 mil from an equal
other breed of cows.
This, therefore, is just the kind of stock
that is rentired when asetumement has passed
throuvh










 cause,
tinnus.
Then
men
almost
ald
 -I mean the same erriportion of tstruw, pow






 ever ty un
onty
ontan han
Itai in






with dry and fine out hay and straw chaff, and
with bean meal, bran, malt comms ( chlums), and



 cut straw in
with
mical cosention an an
min After thirty yarr of close observation and
practioe, both fand dyy men have cume to
decided conviction



 new stock



 in bringing those blod animals to this part of
lhe eontry, He now withes to dibipose of his
other


> hicr on cattre and dours.


 theat afeeteted darts,
goop and water.
sale of short-нoras









































 going to china，
＂Chop chins，＂and so on throughout the alpha
bet．Should a player hesitate while five can
 ${ }_{\substack{\text { mita } \\ \text { let er．}}}^{\text {mit }}$

## No． 4.


 must call potsone nome nom the hank berchier som



 same space of time allowed the other，then
throw the handkerchief to onnother and call out water．The one who catches the handker－
chief observes the same rules as the prci eeding，

 player calls out fre every one must keep sit




管嬖害





 sometimes caught as the reply they had pro
pared tor themelves is ocoasionally forestatiled pareanother play
consideration．

The three following games are from descrip
tions by Lizzie Forbes
haga haddazadda．
A boundaryimark id drawn，and an equal divi－
sion of boys is ranged unon each side．They ya－ per up and down by the edge of the line，each
party def $\overline{\text { ding }}$ the o ther to c o oss untils me one Makes adart ove rot the tother side I If he ean
strike an opponent and escape sifely over to

 single breath．If the invader is cap urea and
 so weak that the other ide
no put an end to the game

$$
\text { roluow your Le } \perp \text { DrR. }
$$

A having obtained a promis，from the rest
to repeat whatever she savs，begins as follo ws：
 sepetit it．nd s 7 arount the e irclt，in rat id suc






 Succ．tash，has two parts corn and beans．
It is betst in leanning the game to e emmence


 ine．ean of fourteen．Go on asain，saying beans
instrad of oeventen，or twenty．one，or twenty
 multiple or compound of seven seven or consy

 counting up to toighty forr，then begins ato one
again．When you are playing with corn，say

 becass it it a multi，ile of nine and d a com ound
of seven．You will find this a capital game to fix the multipicication tathe in inh the minu same to that
the figurex will stay in their places．
The following are by Hattie Haviland
the leg of autron．
The players place their fists alternatel
upon the other，then the fist which is lower

ninth fist in placed on the top，the ewhole pile
is overturned，each hand being withdrewn as is overturned，each hand being withdrawn as
quichly a so posibe
nounce
The one on hin has pro． aounced the Word＂＂nine＂，must endeavort to ins＂This is my leg of mutton．＂If he fails to
do this he has to pay a orfeit．＂If he suceeds



the fagots．
This game consists in forming a double
circle，the players placing themselves two by

 even number．TTe circle being firmed two tho
peprans are chosn，the one to catch the other．
When the eprson whe When the person who is pursued doss ot wish
to be overtaken（Which would oblif him
tate
 of any one of the fagots he chooses，bat within
the circle，so that this faggot is then compored Tif three eprrons，which ib contra＇ry to the rule
Then the third one，who is on the outside
 caught．If he is caught he takes the place of
the pursuer，who in his turn starts oft，or if



 bether arepor，ronded the
thare of spirititand agility．

Uncle Tom＇s Scrap Book．
A tall，green looking youth stepped into a
village grocery，where they kept something to drink as well as to eat，and after peering about a little，spied some ginger cakes
＂What＇s the least youlll take forone of＇em？ ＂Ten cents，＂，replied the grecer．＂Well
guess Tll take one if youll wrap it


 the grocer，as he took back the cake and
handed him a glass of something．The young man swallowed the liquor and startee
off．Hold on＂cried the grocer，＂you
 lavent paid me for the cake＂，＂You＇ve
got your cake．＂This hast resort so nouplus
sel the srocer that sci the srocer that he stood and scratched
his puzzzer heinea while the young man made goor his retreat．

Hatrie Haviland．
judging by appearances．
A good story is told by a Yankee editor
in illustration by unging from appearances A person dressed in a suit of of homespua，
clothes，stepping into a house in Boston on some business where several ladies were as pany remarked iner toom tone that a country
man was in waing and aread to have
mome fun．The following dialo
some enswe


city＂，＂，
＂tits got a tarnet sight of houses in it．＂ ＂I expect there＇s a great many ladie ＂Oh，yes，a，wondy sight just for th
world like them，＂pointing to the ladies． ＂And you are＂quite a beau among then ＂Yes，I beaus them to meeting an
 ＂Thankeen don＇t care if I Io．＂，
＂But you must drink a toast．＂
at eat toast what Aunt Debly makes
but to to drinking，I never seed the like．＂ What was the surprise of the eompany
hear the stranger speak as follows ：－
 Wish you healh and happiness，with everyy
other blessing thi earth can afford，and ad．
vise ise you to bear in mind that we are orte
deceived by appearances．You mistake me by my dress for a country booty； 1 ，fro
the same anuse thougt these men we
entlemen．The deceuthon was mutual． gentlemen．The deceptio，
wish you a good evening．＇

 to sta here all night，＂＂Queer taste ain＇${ }^{\text {ant it }}$
But tsy there，by all means，＂was the benevo．
lent reyly Qucrkrr Trime．－A gentleman had ocrasio
to call on the Rev．Dominie Thomas Campe or call on the Rev．Dominie Thomas Campobilel
when he was at Glasgow．＂Is the Dominie inv＂

 walked into the yard，where he beheld the










Cases are abundant where wives，being out
rageously abused，have turiee savagage yaguins medalere who came to the rescue ；but ${ }_{a}$ ma． ad cimax $i 8$ canped by $a$ woman whose nose
had been bitten off by her husband．The man has arested and prought to trial，and whe lece wrifind the bent ban and bat band by toestity，the
he had bitten her none of herself！


An old army yurgeon was very fond of per部ra ing a joke on others，though very angry

 Cummence guessin！＂，said the ofticer．＂Ka

 tor，with graat petu＇ance Why，he spelled it
cant． ，repl ed the was with the utm st gravity mid he roas：of the mes
We are not ohlighted to tull how the following
Unny lettet fell into our hands．All the reader

 | e will get over his confusion of fideas shortly |
| :--- |
| o as to be able to toll h his baly from his horre | ．D Rar Sistre Eman．-1 now take my seat， ou that I am at last－that is，I supposese I $m$ m or Addit hasy $t$ a nice fat baby as ever made

up faces．We hope these few lines may find
 said before，Addie has got a nice baby
Vextly，Ihave swop eld away old John and
Jon







 can dod． 2 am yoing to harress nhe horsen now twenty minutes past nine．－hopegoud tont think
I meant m ther or the horse，but the baby． She is as hearty as a pig，ate an egga a buscoit，
and drank three，cups of tea $-I$ mean Addie．





 py dady，and that，accounte
must excuse me for this time

「HEH HARMER'S ATVOCATH.
$\square$ department, and have been so mem, that I feel it to be my duty to send
by thething in return. I clip the following
somethable hints out of one of my magazines
valua
$\qquad$ WORTH WHILE FOR WOMEN TO KNOW.
If ever a woman rightly feels her importhas successfully brought her spring cleaning without destroying the peace of her family,
or giving them colds on the lungs or rheu-
matic fever, doeth a good stroke of work, and shall have praise of all who mention her.
In these days, when sharp feminine corres-
pondents prowl about for every item that pondents prowl about for every item that
will hang on the nib of a pen, it would not
be singular to read in the morning papers a tribute to the remarkable skill with which
$\qquad$ water with cloths tied over a broom, first
dusting them well in the same manner--
Have the water changed often, and see that the strokes are made as evenly as possible
up and down, or the walls will be streaked when dry. Take out grease from paint or
wall-paper with a paste of magnesia wet
with benzole of the freshest, strongest
$\square$
property of taking out grease. Clean wallsurface of the bread for every stroke, or it
will soil more than it cleanses. A quicker
way is to rub the paper with dry. cloths dipped in whiting, with a little pumice powand finger marks. When a hole has bee
made, and there is no paper to match it, cut
a square round the place, take off the pape a square round the place, take off the paper
and fit a piece of heavy white printing pa-
per, which paste on with size. Wet this per, which paste on with size. let it dry
with a solution of isinglass and let in
then with tracing paper draw the outline
$\qquad$ mixed in size. This may be done by one
who has never touched paints, and will im-
$\qquad$
$\qquad$
$\qquad$



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the Dominion, and deopisit a portion of its surplus
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to be harves look that th the earlier $m$ potatoes m stored, and work done in
sible.
Pota sible. pota
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will be bett better, with 1 October weat
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fall away. Ca


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