

ELLIS L．orvis，
（1）．



D．F．FORTNEY，

J．L．SPANGLER，


 T．C．HIPPLE，ATronskr．artilw

 W．${ }^{\text {c．}}$ HeivLe，${ }_{\text {ATtoike }}$
 William mocullough，
Winf
 GREEN＇S Liver Pills．


F．POTTSGGREEN．
1831 THE CULTIVATOR 1881
COUNTRY GENTLEMMAN．




 AGRIVLTURAL NEWSPAPRR



The Patriot，Daily \＆Weekly For the Ensuing Year，


聑ARDWARE！
WILSON，McFARLANE \＆CO．
STOVES，RAMGES HEATRERS ．
Paints，0ils，Glass and Varnishes，
BUIIDERS＇IIARDW ARE TRAVELER＇S GUIDE．





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## Traction and phileins，Enginos




PAINE，GRAFTON \＆LADD，


ST．XAVIER＇S ACADEMY


GARMAN＇S HOTEL，
drinking water（sure and plenty）
with a full supply of properly varied
tood，embracing a large proportion of vegetables，and excluding corn
excepting only for the last feed at
night，will encourage the hens to put forth their very best efforts，and at ＂forty cents per dozen，＂all this care
and attention＂will pay．＂＂Farmer
Field，＂one of the enterprising wo－ Field，＂one of the enterprising wo
men，who have made a success o
poultry raising bas a flock of sixty three spring pullets which are now
producing for her an average of over forty－five eggs per day；and sh
maintains that poultry can and should be made proftable in cold weather
because when properly boused and
cared for，＂they can＇t help laying any cared for，＂they can＇t help laying any
more than they can help breathing．＂

## Those who agree with the Demo－ cant that we will make better an

crar that we will make better and
cheaper pork if we feed more grass
for pasturing their pigs pretty con－ stantly next summer．A great belp
in doing this conveniently and eco－ in doing this convenienty and eco form of fence that may be easil
changed frum place to place．
＂portable＂ ＂portable＂fences there are many
sorts patented，most of which po sess some degree of merit，but all of
them are more expensive than they them are more expensive chana be，and so much so as to pre－ the farmer really feels that something of the kind，if cheap enough，would
be useful to him．For a pig fence， one that is perfectly practicable easily made and easily moved；chenp enore is no patent，may be made as
there
follo follows；Make two stakes of smal saplings cut from the woods，sharp
ened at the lower end，and rounded ened at the lower end，and rounded
at the top so as to drive with less
danger of spling danger of splitting．Their length
must be governed by the heighth of must be governed by the heighth of
fence you require，leaving fifeen or
elgen eighteen inches of the sharp end
extend below the lower rail． extend below the lower rail．To get，placing the stakes in three o
four feet from the ends of the rail and taking care that the ends of the

## rails are even with each other so as to prevent＂hog holes＂between pan－

els．Cheap cull boards will make
first rate rails，and small strait pales，
cot from the
irst rate rails，and small strait pales，
cut from the woods and peeled，will
answer a good purpose．In this case
answer a good purpose．In this case
the only money outlay would be for
nails，and bere you have as good
＂portable fence＂as you want
＂portable fence＂as you want．Sett
the panel up in position，tap the
the panel up in position，tap the
stakes on top hard enough to mark
on the ground，set the panel aside
and with a small crowbar make holes
at the marks，not quite large enough
to fit the stakes，set two stakes in
them and drive down until the lower rail is．the proper distance from the do you want？or what cheaper one
can you get．A portion of the com can you get．a portion of the winter
paratively leisure time of
season may be proftably employed in making a number of rods of this
very usefal fence．
Tris Rural New Yorker publishes as a fail page supplement co its cu rent issue，a beautifal original draw
ing of the head of the Jersey cow
Lady Rushmore． Lady Rushmore．It is well wort
framing and hanging in the parlor of any farmer．

Ohte Cerntre 7emmarat．


＂Eoos forty cents a dozen and not and attention bestowed opon thei
flocks of fowls by the farmers．Warm
breakfasts，warm quarters，warm

## Firot Yaers Gomith Moot Impor <br> ， <br> arras，Chicogo． dairyman

Agricultural Contemporate
Tug American Agrioulturist for De－
cember 1st，excels itself even in use
cember lst，excels itself even in use－
ful information，fine illostrations，ete ful information，fine illostrations，etc．
Besides a great variety of valuable，
pratical inatur pratical，instructive articles，Work of he Month，out－doors and in－doors， he exposures of humbugs and swind－
lers，excellent Household and Chil－ dren＇s Departments，etc．，etc．，it ha contributions from Prof．，etiley，it has
＂Cbinch Bug and Remedy
＂，Prof． G．C．Swallow on＂Southwestern Agricalione ；Prof．Atwater on＂Vrop
Rotalion ＂Feeding for Milk；＂Hon．Georg an Occupa－ or Farmers ；＂Dr．Lianturd on
＂Pink Eye in Horses＂＂Proo Con ＂Carbolic Acid for insects ；＂Prof．
Jordan on＂Parmers and Science，＂ now，and all will do well to become
subscribers，$\$ 1.50$ a yor 10e．Orange Judd \＆Co．，New York，
publishers．

THE Live Stock Journal for Decem－
ber is filled with its usual assortment of matter especially interesting to ing in any of its branches：＂M ward－
ing Prizes on Live Stock，＂＂A St System of Accounts needful to the
Farmer，＂＂Expensive Wintering＂ Expensive Wintering，＂
＂Linseed Feeding Staffs，＂＂Hungar－． ＂The Horse on a W Walk，＂＂Earry Ma，Ma
turity of Colts，＂＂Large－sized Jacks，＂
＂Hen Heavy，Drafthorses，＂＂Longevity in
Cattle，＂＂The Fat Stock Show，＂，
＂Catule or Sheep on 100 Acres，＂，
＂Abortion in Cow．＂＂Phen Oil Meal with wing Cows in Winter，＂Fod，＂＂Dry．
ig off Cows，＂＂A mount invested in Dairying in United States，＂＂Sheep
for hard Times，＂＂Sheep at the Fatt
Stock Show，＂Importance of Using
Ste





Ripening Oream.
 difficulty found in obtaining buiter，
withont charning a long time．To prevent this the creap should be＂ri－
pened．＂Set the fuil jar of cramm
beside the kitchen fire and frequently stir the contents with a wooden
spoon or stick kept for the purpose．
When quite warmed through carry the jar to a cool place to stand all
night．In the morning the butter is
ond obtained at a lower temperature and
with less churning，Unan if the cream had not heen previously warmed，
while the color and flavor are unin－
jared

Os one occasion I shipped 20 bar－
rels of apples to a customer，during the holidays．The weather was mild
when I shipped，but fearing it might when I shipped，but fearing it might
turn cold，I lined each barrel with
two thicknesses of paper．They were detained by mismanagement，in tran－
sit，for over two days and nights，on
ite the track，and the second day the
mercury went down to 12 degrees
below zero．There was no fire in the car，but they went through safe．
The dealer acknowiedged receipt，
with draft，and wroted ： 1 I have been with draf，，and wrote：＂I have been dealing in apples for years，but never
knew how to pack apples until I saw
this lot．＂This was my first ship－ this lot．＂This was my first ship．
ment to him，and he has continued
to buy of me ever since，when I hate to buy of me ever since，when I have
any to sell．－G F．Neuton，of Ohio． $\underset{\text { Bhaskyard manure generally lacks }}{\text { phoric acid，while }}$ a large quantity．A ton of pure
bone dust contains as much nitrogen as eight and a half tons of fresh
stable manure of an average quality． stabe manarity of phosphoric quald con－
The quantin in the manure depends upon
tained
te the kind of food consumed by the
the thimas．Though the ton of bonke
dust contains as much phosphorie dust contains as much phosphorie
accid as 110 tons of stable manure，
yet one ton of the latter contains
more potash than five ton of It should be understood at the
outset by every dairyman，that but－ ter making begins at the stable．
This includes the feed，and the care which the cows there receive．The
very best Jerseys will not produce
the best butter unless they have first the best butter unless they have first－
lass care in the stables．The stalls must be clean，and the snimals kept neat；even the air of the stables
must be free from foul odors，if the must be free from foul odors，if the
best dairyy products are to be obtain
ed．When milk is once conte

$$
\begin{aligned}
& \text { Wh. When milk is once contaminated, } \\
& \text { and it is a wonderfally active absorb- } \\
& \text { ent of gases, nothing can be done to } \\
& \text { make it perfectly pare agaid. More } \\
& \text { butter is apoiled "at tue pail," than } \\
& \text { daine }
\end{aligned}
$$

$$
\begin{aligned}
& \text { vutuer sponed at } \\
& \text { dering any other proces through } \\
& \text { which the milk and butter passes. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { The odder is not properly eleaned, or } \\
& \text { the bands of the milker are foul, and } \\
& \text { in many ways the milk receives that }
\end{aligned}
$$

$$
\begin{aligned}
& \text { in many ways the milk receives that } \\
& \text { which ever atter remains to contam- }
\end{aligned}
$$

$$
\begin{aligned}
& \text { which ev } \\
& \text { inate. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Foa raising good dairy animale, } \\
& \text { there is hardly any food so good for } \\
& \text { colven as warm atim.milk. with }
\end{aligned}
$$

$$
\begin{aligned}
& \text { calves as warm okiw-milk, with a } \\
& \text { mixture of moderate quatities of }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ground oats acalded. The milk and } \\
& \text { oats contain a large amount of muse } \\
& \text { ceand bone material, sad contributes }
\end{aligned}
$$

cle and bone material，and contributes
greatly to the development of constl

