## \＄tock．

Raieing heifers sounds well in theory but breeding cattle is a neparate art
from dairying，and unlers followed with great judgment is a losing business， not every heifer raised becomes a fir class milch cow．The best plan is to
bay heifers heavy with their first calves －called＂springers，＂and in this there is
much more room for judgment and akill much more room for judgment and akill
in making these selections than mosi men are willing to admit．The mistake usually made is in being misled by a fancy for certain shapen，colors and ers relating immediately to the useful ness of the matured cow．The first point with a deep flank，indicating constitu－ tional vigor ；then see that her teats a large and set wide apart．
behind the twist should be open and wide，with rudimentary udder well d ary and fancy points，asslim neek and ary and fancy points，ashm neck and
long head with small horns are good features．
Above all things，avoid those heifer that show very small rudimentary teats，
or those with large ones set close to gether．Such a heifer never can mak a first－class cow．There are enough risk to run belore securing a good one，with out starting out with those that never
can improve．Even the best of pedigrees cannot make a good cow out of a heife with a deformed ndder．Those who
have studied Guenon＇s mithod，while they do not rely upon it is the exclun－ and feel that tuvy cannot ignor the
turist．

## Fattening oid Cowe

The farmer who owns a good milcb cow naturally desires to keep it fo milk，if not for breeding，as long as pos－
sible．It will even pay to cut feed and mix it with meal for winter after her teeth are so far gone that she canno
masticate harder material．But when the end comes it is often better to sell her for what she will fetch than to fat
ten her．The amount of valuable feed required to put flesh on the frume of an old cow if given to a good milker would pay much better．The beet from old
cows is not of the best quality，though cows is not of the best quality，though
there is great difference in this respeet That is best which is fattened rapidly， and if it is desirable to fatten an old
cow she should be fed on all she will eat．Good cows are always voraciou feeder，and are less likely to suffer or steer．

## There is more money in sheep，with

 wool at 15 cents，than there is in catthowith a cow and calf at $\$ 20$ ． 1 was not one of those sheep raisers who was cran go into cattle with a hurrah when th prices were away up，and I am proud to to about 4,000 so that $I$ could give them better attention and improve the grade and I have never failed to receive a fair
price for my wool－ 15 to 20 cents．The catteman has to bunt buyers，drive his cattle to market，and worry about quar
antine．I do not；the wool buyers hunt me．Twice a year my table is covered
with letters and eireulars asking what I will take for my wool，and＂not to nel I have a good many fine cattle，but sheep tinled because they thought their flock aught to take care of themselves．They thing easy．They mistook their calling．
That is it in a nutshell．Sheep，not too many，properly attended，are profitable

## Full hlood and Thoroushbred

In popular languago the terms are ynonymous．When used in relerenc euce between them，which it would argue ignorance to neglect．Some
writers seek to establish a difference also，when they are used in relation to wheep，and in this way：A full is one
in whose veins there is no admixture or train of any other blood but the span． isb，while a thoroughbred is all that and something more．A sheep may be
full blood（pure blood would be a better （erm），and yet be so deficient in form or cece as to be unfit for a breeder．But line of ancestors，which，beginning with pure blood，have been so consummatel that this last and tioished produet is，ac to speak，incapable of begetting or bear
ing a progeny different from itselt． While those ought to be，and with ac－
curate men are，the definitions of the wo terms，in popular usage the All lions，all tigers，all animals tate of nature are fall bloods，pare loods，average type of their respective
acea；but not all of them are thorough reds；that is，not all of them are aven in all their qualities，and so wound
in their constitutions，as to be able produce progeny up to the level of th race standard．They are weeded out by weak or lacking in they are ill formed weak or lacking in cunning，and they
perish in the struggle of life，leaving he best individual behind to perpetuat tion in which man aeeks to preserve all the individuals，good and poor，he mu his breeders．－American Agriculturis

Bo caroful in selecting a stalition．
It will be a great while now before great many mares will be bred all ove who have such a matter to attend to，to remember that it is a thing of great $i m$ ortance womake a good selection of ot be remied．On thas subject At the time very pertinently says ： aively few stallions accessible to the larmers in western atates they wer compelled to patronize those within
reach，whether anitable for their mares or not．Now they have become so num rous，and represent no many varietie apted for different uses，that a farme olections，and breed with a a pecial cet in view．Whether he wishes row horses for heavy draft，tor carriage nost all parts of the country he w hat，when mated with good maren should produee colts that，if properly ared for，will return a good profit for
he expense and trouble of raisin ae expense and trouble of raising
hem．In selecting a stallion，mound ens is an all－important consideration
eost the colt inherit defects that will in apacitate him for steady hard work in
ny line，and seriously impair his value ear in mind that no matter how per points．if he has one be in almost alious defect，this
nay be inherited by his progeny，and may be inherited by his progeny，and
hould be regarded a sufficient reason or not patronising him．

Keep salt before the cows all the tim
a dairy cow suffers for her milk yield will shrink．Wo know os little，it is If the milk shrinks ever days before ita yield can be brought up again to what it was before．We know
this is so too．Therefore the safeat plan

## r <br> C木斤N0 <br> Se ei is

 is to have salt where the cows can have aceess to it every day．We knewdairyman once whose cows shrank largely in milk yield．He knew well natural craving for salt，but he was a elose man and would not buy the salt until he saw it was an absolute necessity it save his cows from going dry．Salt
is so cheap too！Too mean to live with vilized people！Don＇t be stingy with
vor salt when it comes to dairy catt1 or you are sure to lose ten times more
han you gain，and you oughs to．We ave a perfect contempt for a man wh
xpects a cow to give a large mesd och milk upon scanty feed，withon
any salt too，to make her food mor alatable，and to meet the necessar equirements of her appetite and bodily
ystem．－Sonthern Live Stock Journal．


Value in Mutton．
Farmers should take advantage the cheapness of sheep，compared with
beef cattle，and buy a small flock of beef cattle，and buy a small flock of
aheep in good condition to grow into matton for the use of their families
through the winter．Mutton will keep as long freeh as any other kind of meat e kept ang to kill few sheep c wanted，and they will be growing bet er all the time．An excellent plan i kill and corn or salt them down in weak brine．A very fat shoep ia be
his way，and corned mutton will found to digest well，and better than
whon fresh．The meat may be packed whon fresh．The meat may be packed
in a clean barrel，or in stone crocks，and in a clean barrel，or in stone crocks，and
the brine poured over it．Five pounds of satt to 100 of meat will be about
right in cold weather．The salt should be dissolved in clear water and then poured over the mass until it is all co－
cred．If any portion should remain outaide of the brine it will putrify and hould be drained out of the neeks an any bloody portion by soaking it in water before the meat is packed．Soak
ing six hours is sufficient．The．ham may be amoked and cut up like dried
beef，or they may be boiled．Both way： re excellent．The corned mutton wil make a good change from sausage
pare ribs．A good deal of the peculi mutton taste is taken out of it whe mutton is corned．－Country Home．
 ing＇e Now Discovery for consumption；ha ng found it to be all that you olesim for
desires to tetity to its virtue．My friende
whom I havo reoommended it，praise it
 covery for Consumption in guaranteed to oure
Cought，Colit，Bronhition Athms Crou
ad overy affoction of the Throat，Chest and frgs．Botloen Free at Port \＆Son＇s Drug
Store．Large Size 81.00 ． Codar Ponta．
W．c．Zimmerman，of Aurora，will Jurnish split cedar posts，delivered on
the cars，at 9 cts．each，and where a large quantity is desired，the buyer will Immerman for terms．
Get a bottio of Keeck＇Catarrh
e cored of that terrible diseave．

THOS．A．COX \＆CO，
11，413，415 Sansome stree
H．DIAMOND，
Violin，Guitar and Banjo，



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D．H．Loongy， RREY GATHE LADD \＆REED，



Jont



D．m．autarie． Importer and Breeder


## BREAK UP THE CHILLE，


ERADICATING THE DISEASE，

##   <br> C．W．JEFFREY， VETERINARY SURGEON．

 $\mathrm{A}^{4} \mathrm{~A}$ Jersey Red Pigs for fale．

## ros <br> MAN

AD BEAST！ Mexican Mustang Liniment


AGUS N：XDURE
a CERTAN AND CITLETOAL REMEOY
lever and Ague，Intermittent and Remittent Fevers，de．

This olavif diecasen so common in all parna of ho World，snd ouppecially provalent in ma－
arious districte and vicinago of water－courrees
are almost invariably acoompanied by more or lon dernagement of the liver，and frrequently
by a defeotivo netion o the a defeetive notion of the diggotive organns，
The mere bracking of the Cbill in but a atop rgards ocompleting a radical coure；the various
of the body，eepecially the stomach op iver，must bo brought to a healthy and vigor－
ous condition before a permanoent cure caa bo

 Mixtare，in conjunetion with Jaynés Sanativo
Pills，as proseribed in the Direotions wioblh
necoeses whieh has almays followed the admio
Iteration of teen cortifinatos publithed annually in Dr．Jayno＂。
Almanac，and the wide－aproad popularity of the Agne Mixture in thote districtes of the Unitod Statas，where the ail
sdapted，mont provail．





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