costa Rica. (



















for farm and garden.

 heen known to change the quality of contrary, the fitc, soft, sweet grassen
have ntwayn improved the courner-
wooled tresen of woolea breels of sheep. The wool
market reports ahow a difference of
value in the wools of the same urrade valne in the wooln of the same grade
of nheep from diferent sections. For
convenience tather than from equits. cotivenience tather than from equity,
the trade elanaes these domestic flewees
liy atatea at prewent, done so. It is wortlyy of note that
these arbitrary gradings have been greatly modified and are continunlly
tending to higher gradea amd values. It in said that western mat prniric
Aceces aro dirty, gritty, not atring su badly in noouring ns ts reduce their
price; and as handn are clouly grazoil
pud loccome net in batter

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ply, and nre willang to pay a good
price for a primn nartice.
During lant winter Thave kept milk During innt winter Thave kept milk
at $n$ low at temperature ns posesibla nhove freezing, not only nway from a fire hent, but, "xecept in the very cold-
est weather, the windem the ent weather, the window the room in
which it has atooil for thirty-nix hourn before being akimmed, was open night prise how well the, milk, umder thene conlitionn, withatood from. Only a troduce heat to prevent freezing. I think I have never gathered ns much
eream from the name quantity of mills eream from the name quantity of milk
under other circumstanees. The "kulo man" aflirms that "the cosn are tho satme as formerly, and have not re--
evived na kood rationa ne numal."
Direetly after the mill mas wha emptied from the pans inton large vessel and placed in a warm room;
quotiug from the "gole man" nzain
"it water the other side,", and in twelve hours
 this ancoand rising in roustorfoit eream,
nedd will not churn into linttor, hat I
 Writers on indiry matters will say these
experiments were very muperficial, and practical value, but makion a note of
place to cool butter. Mont wella can
he arrangel to muke this practicable.
If this jar is nsel for a churn, it naves
time and lator in tealling theIn a dach charn, yet an article ean be
made for which toenl consumers will
gladly puy moro than the market price.
$-[$ American Agrieulturist.Yon enn't give corn too much enlti-
vation.Never change milkern when it caaRooin and tallow ration.
anal parts makees do not do well is lack of potash in
the soil.

heq
grain

It has generally been believed,
srites Mrs. S. E. Wileox of Ohio,
that milk, to yield cream most per feetly in cold wenther, must be kept
in a warm atmosphere. Some exper in a warm atmosphere. Some exper
iments that I have made during the
last winter would appear to disprove last winter would appear to disprove
this. These few suggestions, regard this. These few suggestions, regard
ing cream and butter, are not given ing cream and butter, are not given
for those who have large dairies, with
separators, creameries, nad other modern appliances, but for the aver-
age farmer who has only a few cow, age farmer who has only a fow cows,
and for the farmer's wife, who, with and for the farmer's wife, who, wit
common and not altogether moder appliances, aims to make the most
the milk and butter. City people ty largely upon fancy dniry or cream
ery butter. But there is a large popery butter. But there is a large pop-
ulation in amall villagen who depend
apon the local farmera for their

Growing colts need plenty
The tronble with a vory large amount ystem in its manufucture, hence the uality is often variable
A cow in a gooil cow simply because he has an increased capacity for turnnet the duiryman wants.
Give your stable a thorongh eleanopay yon in the way of mpere than and is beneflicial in a sanitary way. American horsesare too high for their
weight, with legs too small for thein vergrown bodies, a lack of subatance whieh superinduces
woak conatitutions.
sciestific scheaps.
Falac teeth are now made from paper, and are naid to wear well and lot a liffime.
The excavation of Hell Ginte reef,
Now York City, was attewled by Now York City, was attended by 21 ,
000 soundinga and $\mathrm{A}, 000$ boringes 000 monndings and 8,000 borings An alloy of meventy-eight per oent,
gold and twenty-two pet cent, allaw foum in the moot brillinat known. Diamond cuttera in Holland have muceeeded in eutting ntones no nmnll
that it takes 1.500 of them to weigh a karat.
More women thas men go blind in Swolen, Norway and Treland; more
men than women in the roat of Earope and the United Stat te.
Thif Prmsian government is making district of Prosainat Silesia which nt the depth of a mile atel a quarter, in till progreasing
Napthalen, whel is a prodnet of
conl tur dintillation, is npponance nomething like pmrafin, has been servation of timlor. Encland reporte a tun-ton catter abont to be built of the now metal.
The theory in that an nluninum toil with the numel frad keel ought to be both light and atable.
comea so nentely trnited to the noike
of his engino that when a bolt geta mese of heuring infonms him of the

Schombrumb, near Veans, was in
hloom resently. The platat lius eloven
teaves, ntid one of them is capable of supporting sixty-five pomedo withont
rinkink in the midate. There are at prowent something like
70,009 pulicie gas futs in London; munl to 11, too.00. Whe total in
$\qquad$ It io maid that a proeens of pilding procenin athminnm may no be gilded in the maner mauner an is miloptod for
other metali, or ly direot application tallio of alnminna with a special An invention finigneed to fucilitate moving in dungerots watris, or in
rolliding with namther veorel, han then patented by a Poravian. A vertically为(rave
coos became common, Birdn carry
seds in the elay whiel ntiek to their
feet, nheep and other animals in their
plants by birds anal beanits which pasa
the indigestible seeme of the frituforai, on a mative as remarkahiein the end the struggie tends to right
Theelf, for the prolifio growth of the
ilien species on favorable ground leads
tor the earth is drained of the nubstan-
die a natural death, while the natic heavy crops of forcign weeds one year
being followed by total disupperana being foll
the nest.

Buttons of Blood. "One mecret ef the Chicago packers"
great fortune is simply," said a resigreat fortune is simply, said a resi'
dent of that city rucently, "they don't waste anything. The meat, the en. trails, everything is made use of bnt
the squeal. They can't catch that, the squeal. They can't catch that, so it in wasted. Funny thing what they
do with the blood. It is nll cangt in do with the blood. It is nll canght in
great tank, and after it elots is carta great tank, and after it clots is cart.
ed off to a stamping house, where powerful machines are busy stamping it into buttons. Yes, buttons of blood stamp of the big dies, and it wan fonud
that they wore remarkably well. Thyy that they wore remarkably well. They
are distinguished by their peedirg, rad

