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A GOOD LIVERY ATTACHED.
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if it is not all we represent, return it to us at our
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send for circular and testimonials.
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"If your druggist is out of our prepara-
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prietary, S. B. Hartman & Co., Osborn, O.,
For Constipation and Piles, take

The Centre Democrat.

BELLEFONTE, PA.

AGRICULTURAL.

NEWS, FACTS AND SUGGESTIONS.

THE BEST OF THE NATIONAL WELFARE IS THE INTELLI-
GENCE AND PROSPERITY OF THE FARMER.

Every farmer in his annual experience
discovers something of value. Write it and
send it to the "Agricultural Editor of the
DEMOCRAT, Bellefonte, Penn'a," that other
farmers may have the benefit of it. Let
communications be timely, and be sure that
they are brief and well pointed.

Keep the Best.

In another article we have said in
regard to stock, "if any are kept, it
pays to keep the best." This is a
truth that may profitably be dwelt
upon further, and with a wider applica-
tion. As regards horses, cows,
sheep, and other domestic animals it
is too much to expect that all farmers
can afford to buy and keep the fancy
breeds, and we are free to say that it
would not be desirable if they could.
The so-called fancy breeds are not
always the best in a practical point
of view. The kinds wanted are those
that are actually the most profitably
and serviceable. These are the healthy,
well-favored animals, not the poor,
scrawny, indifferent ones, which re-
quire as much, or more, care than the
former, and are worth but little for
service or for market.

The owner of a dairy should see to
it that every cow in his herd is up to
the average in every respect. If he
discovers one or more that are not
producing their share of milk and
butter he should fill their place with
those that will. No matter how large
a number he may have, it is decided-
ly poor policy to keep a lot of worth-
less creatures on hand, when good
ones may be had. It costs no more
to feed and stable the best cows, than
it does the poorest ones. Six or
seven first-class milkers, far above
the average, can hardly make up for
the deficiencies of ten or twelve un-
der-sized, almost worthless animals.
Let the point be made of having
every animal up to at least a fair,
serviceable grade.

And very much the same thing may
be said of horses. It is not insisted
that horses for farm purposes should
be such as would take the eye of the
fancier, nor such as would be selected
for light service, but it does pay to
keep sound, gentle, well proportioned
and developed animals. They may
cost more in the beginning, but they
are the cheapest in the end. They
are more easily kept, and they do
more and better work.

It pays to keep the best breeds of
sheep that can be procured. They
require no more pasture in summer
nor stable room in winter than the
little mongrel varieties, but their
wool is finer and heavier, and there is
so much more gained in the market
when they are sold.

The same rule may be observed in
the selection of poultry. It is gen-
erally an easy matter to obtain a
breed of good layers if they are de-
sired. If there is any profit in poul-
try-raising it is to be made by having
every member of the flock up to a
good standard. This is just where a
very common mistake is made by
those who enter this business. They
are not careful enough in individual
selection. They are satisfied for a
time with fair general results, when
their profits might be more than
doubled by seeing to it that every
fowl in their yard is justifying its
right to maintenance. Let the rule
be, in each individual case, to keep
the best, and the best only.

In raising hogs for pork or for mar-
keting alive, it is the most judicious
plan to keep those breeds that fatten
the earliest, and produce the juiciest,
tenderest pork. A little attention to
the selection of a well-known and ap-
proved breed will insure far better re-
turn from this quarter than to spend
time and money on small, poor and
nondescript animals.

It may be stated as a general truth
that not in regard to live stock only
but in everything that has to do with
farm work and farm life it pays to
keep the best.

Meadows which it is not desirable
to plow will often show patches where
the grass is thin or perhaps entirely
lacking. If such places are top-
dressed with fine, well-rotted manure,
and harrowed, grass-seed may be
sown with as much certainty of se-
curing a good catch as if it were
sown in the usual way with a grain
crop.

Manuring Fruit Trees.

One of the leading contributors to
the London Garden makes the fol-
lowing good practical remarks in
favor of a practice which fruit grow-
ers in this country are finding of
great importance:

It is singular how long some falla-
cies retain their hold, even after they
have been disproved by facts, and of
these, one of the most mischievous is
the belief that fruit trees and bushes
are liable to injury rather than bene-
fit from the application of manure.
All sorts of diseases, such as canker
and other ailments to which fruit
trees are liable, are set down as the
result of applying manure to the
roots; whereas, in nine cases out of
ten, it arises from poverty of the soil,
causing the roots to run down into
bad subsoil. I am continually hear-
ing complaints from owners of fruit
trees as to their unsatisfactory con-
dition, and on examination have in-
variably found scarcely any surface
roots or fibres of any kind, nothing
but large, thong-like roots, that run
right down into the subsoil. On in-
quiry I have usually found that ma-
nuring or top-dressing has not been
practiced for many years, their own-
ers having come to the conclusion
that such practices are dangerous. I
do not say that manure will prove to
be a cure for fruit tree ailments of
all kinds, but I will briefly detail a
few facts that have come under my
observation at various times, to prove
that starvation of the roots is a far
more prolific source of injury than
abundant feeding of the surface roots,
both with solid and liquid manures,
and growers must form their own
conclusions as to the best course to
pursue. The fruitful or unfruitful
state of orchard trees in nine cases
out of ten is entirely dependent on
the attention which they receive as
regards manuring. In the fruit-grow-
ing parts of Kent, where large orchards
of standard trees planted on
grass land is the rule, it is a well-
established fact that if the grass is
cut for hay and carried away, the
trees soon become unfruitful and
die out; while on the contrary,
if the grass is fed off, so that the nu-
triment is returned to the roots in the
shape of manure, the trees keep fruit-
ful and healthy. I have seen some
of the most moss-grown, miserable
specimens of starved orchard trees
restored to fruitful condition by mak-
ing the ground beneath them the
winter quarters of sheep and pigs,
feeding them the same time as if they
were in the farm-yard with roots and
corn. The finest old specimens of
apple and pear trees are generally
those in an orchard next to the home-
stead that is used as a run for calves,
sheep, pigs, and poultry the whole
year round. In these orchards the
turf is short, and, being full of nutri-
ment, the trees keep healthy and pro-
liferous for an indefinite period. Ashes,
garden refuse, or any kind of road
scrappings, or even scavengers' rub-
bish may be utilized for increasing
our supply of orchard fruits. They
should be spread roughly on the sur-
face in winter, and in spring harrow-
ed and rolled down firmly.

Remedy for Chicken Cholera.

The Department of Agriculture
publishes the following remedy, re-
commended by Dr. Salmon, pre-
venting this destructive disease that
annually carries off so many thousand
fowls:

"For this disease a very cheap and
most effective disinfectant is a solu-
tion made by adding three pounds of
sulphuric acid to forty gallons of wa-
ter (or one fourth pound of sulphuric
acid to three and a half gallons of
water), mixing evenly by agitating or
stirring. This may be applied to
small surfaces with a small watering
pot, or to larger grounds with a bar-
rel mounted on wheels and arranged
like a street sprinkler. In disinfect-
ing poultry houses the manure must
be first thoroughly scraped up and
removed beyond the reach of fowls;
a slight sprinkling is not sufficient,
but the floors, roosts and grounds
must be thoroughly saturated with
the solution so that no particle of
dust, however small, escapes being
wet. It is impossible to thoroughly
disinfect if the manure is not removed
from the roosting-places. Sulphuric
acid is very cheap, costing at retail
not more than twenty-five cents a
pound; and at wholesale but five or
six cents; the barrel of disinfecting

solution can, therefore, be made for
less than a dollar, and should be
thoroughly applied. It must be re-
membered, too, that sulphuric acid is
a dangerous drug to handle, as when
undiluted it destroys clothing and
cauterizes the flesh wherever it
touches."

Gleanings.

An English horticulturist says that
after trying all sorts of plans, he is
thoroughly convinced that there is
nothing equal to the little and often
system of pruning, or rather pinch-
ing. The soft young shoots can be
readily removed by the finger and
thumb, which is the easiest way. To
which we may add, says the *Country
Gentleman*, that any owner who is
really interested in his garden will be
likely to pass among his trees and
shrubs quite often, and if he sees any
want or defect, he will at once supply
or remove it. With this view, a well
known cultivator recently remarked
that his season for pruning is all the
season through.

A correspondent of the *New Eng-
land Farmer* says that a New York
farmer observed that some of his ap-
ple trees, that had been dressed with
unbleached wood ashes, bore apples
which kept all winter without rotting,
while the rest of the fruit rotted bad-
ly. His trees were infested with ap-
ple tree blight. He finally applied
wood ashes, at the rate of two hun-
dred bushels to the acre, to his orchard
and washed the bodies of the trees
with lye. The orchard recovered
from the blight, and the apples would
then keep well in an ordinary cellar
all winter.

If you want to grow huckleberries,
says the *Husbandman*, set out young
plants about a foot high in the spring.
Mulch them for a year or two, and
plough in some coarse horse manure
occasionally. They are slow to start,
but after they are started they grow
rapidly both in bush and berry. The
bushes may be cultivated with a hoe.
They should be set at least seven feet
apart each way, as they spread con-
siderably when full grown. It is well
to set three or four small bushes in
each hill.

The *National Live Stock Journal*
says that sunshine is important for
the dairyman's animals as well as for
his plants. The vital forces of ani-
mals, as well as those of vegetation,
languish in the shade and spring into
vigor and healthfulness on coming
again under the influence of the sun's
genial rays. Cows giving milk turn
out a sounder, healthier, richer and
larger product in fair than in foul
weather when the food is exactly the
same.

One of the most difficult things to
cure for fodder is the green cor-
stalk. Great quantities of good win-
ter feed are often lost by early frost,
and the *American Cultivator* suggests
as a remedy drying the stalks on a
platform of rails or loose boards,
laid so as to allow a current of air
under the stack with a column of bar-
rels built up through the middle to
give additional ventilation.

When a cow learns the trick of
sucking herself she is rarely cured.
The habit may be prevented by put-
ting a girdle about the cow and a
halter on her head, and fitting a
wooden rod from a ring in the girdle
to another in the halter, making it
pass between the forelegs. She can-
not then get her head around to her
side. But generally it is best to fat-
ten such a troublesome cow for the
butcher.

A good set of carpenter tools
should be owned by every farmer,
with as much of a blacksmith's kit
as he can find use for. A farmer with
some taste for mechanics can do much
building and repairing at times when
other work is not pressing. Often the
time lost in sending an implement to
the shop for repairs is more than it
would take to repair it, if the farmer
had requisite bits, bolts and screws
within reach.

There is scarcely a better food for
poultry, young or old, than sour milk
allowed to thicken and with a portion
of the whey drained off, or it may be
used for wetting dough without sepa-
rating the whey. Farmers who have
a surplus of skimmed milk, or
families who keep but one cow, can
scarcely do better than to use the
surplus for feeding poultry. It will
pay better than if fed to swine, as
poultry and eggs always bring bet-
ter prices by the pound than swine
flesh.

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