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ALFALFA TO IMPROVE SOILS

In Actual Practice Crop Can Only Be
Considered on Land Which is
High in Fertility.

The unqualified recommendation as
a soil improver that is continually being
given alfalfa is responsible for the
very common belief that this crop is
one which should be grown exten-
sively on poor or unproductive soils,
says Rural Farmer. No greater mis-
take could be made than to sow alf-
alfa, especially in the Eastern states,
on land which is not in a high condi-
tion of fertility.

It is true that, being a legume, it
benefits the soil through the addition
of nitrogen fixed by organisms form-
ing nodules on its roots, and through
its roots it not only supplies consid-
erable quantities of humus, but greatly
improves the mechanical condition of
the soil.

In producing profitable yields of hay,
alfalfa utilizes large quantities of
phosphorus and potassium, which
must be obtained either directly from
the soil or from added fertilizer.

Whether alfalfa is a soil improver is
a question which cannot be answered
without some explanation. In the sense
in which the term is commonly used,
alfalfa is not a soil-improving crop,
since it cannot be utilized in the same
manner as cow peas, soy beans, crim-
son clover or hairy vetch for the build-
ing up of worn-out or depleted lands.
On the other hand it enriches the good
soils through the nitrogen and humus
added to the soil by its roots and
crowns when the old field of alfalfa is
broken up and also by the mechanical
action of its roots upon the soil. Fur-
thermore, the preparation of the land
prior to seeding the alfalfa and the
treatment in the way of top dressing
and fertilizing which follow during the
few years of its existence doubtless
have a very beneficial effect on the
crops succeeding it.

In actual practice, then, alfalfa im-
proves good land, but cannot be con-
sidered in connection with poor land.

RESULTS FROM SANDY SOILS

Organic Matter Does Not Crust Over
and Becomes Hard and Brings
Earliest Market Crops.

The organic matter in sandy soils is
held in a more accessible form for
plant food than any other soil. It
does not crust over and become hard,
is warm and easy to work, will not
adhere to the farm machinery and get
stuck when being worked, more of
the land can be worked with the same
amount of labor, and it will bring the
earliest market crops of any kind of
soil and the work may be done at



Working Sandy Soils.

times when it would be difficult to
work other land on account of being
wet and muddy.

When we apply manure to the clo-
ver we are getting the lever under the
very center of gravity of the farm.
If we lift the clover crop the whole
farm comes up with it and produces
larger and more profitable crops.

PLOW LAND DURING WINTER

Soil is Put in Better Condition Than
When Work is Done in Spring—
Also Kills Insects.

There is a diversity of opinion as to
the advisability of plowing in win-
ter.

It is generally conceded, however,
that sod lands should be plowed in
the winter season. The freezing and
thawing of the soil puts it in much
better condition than it can be put by
the plow and harrow after the spring
has opened.

Winter plowing also destroys many
insects that would damage crops if
they were allowed to live.

There will be much more moisture
laid up in the soil and saved for the
use of the growing crop the next year
if the plowing is done during the win-
ter season than there would be if it
were left until spring.

The capillary connection with the
subsoil will have time to be renewed
if the plowing is done early.

Value of Cleanliness.

In the prevention of disease in a
dairy herd too much stress cannot be
put upon the importance of cleanli-
ness of the cows.

Brains Count Most.

It is not the man who works the
longest hours in the field who has the
biggest barn. Brains count more
than mere muscle.

Hopkinsville Market
Quotations.

Corrected April 15, 1914.

RETAIL GROCERY PRICES.

Country lard, good color and clean
14c and 15c per pound.
Country bacon, 17c per pound.
Black-eyed peas, \$3.50 per bushel
Country shoulders, 15c per pound.
Country hams 21c per pound.
Irish potatoes, \$1.30 per bushel.
Northern eating Rural potatoes
\$1.30 per bushel
Texas eating onions, 125 per
bushel, new/stock
Dried Navy beans, \$3.00 per
bushel
Cabbage, new, 3 cents a pound.
Dried Lima beans, 60c per gallon.
Country dried apples, 10c per
pound, 3 for 25c
Daisy cream cheese, 25c per
pound
Full cream brick cheese, 25c per
pound
Full cream Limberger cheese, 25c
per pound
Popcorn, dried on ear, 2c per pound
Fresh Eggs 30c per doz
Choice lots fresh, well-worked
country butter, in pound prints, 30c

FRUITS.

Lemons, 25c per dozen
Navel Oranges, 20c to 40c per doz.
Bananas, 15c and 25c doz
Cash Price Paid For Produce.

POULTRY.

Dressed hens, 12c per pound
Dressed cocks, 7c per pound
Live hens, 11c per pound; live cocks
8c per pound; live turkeys, 14c per
pound

ROOTS, HIDES, WOOL AND TALLOW

Prices paid by wholesale dealers to
butchers and farmers:

Roots—Southern ginseng, \$5.75 lb
"Golden Seal" yellow root, \$1.35 lb
Mayapple, 3c; pink root, 12c and 13c
Tallow—No. 1, 4c; No. 2, 4c.
Wool—Barry, 10c to 17c; C
Grease, 21c, medium, tub washed
23c to 30c; coarse, dingy, tubwashed
18c.

Feathers—Prime white goose, 50c;
dark and mixed old goose, 15c to 30c;
gray mixed, 15c to 30c; white duck,
22c to 35c, new.

Hides and Skins—These quotations
are for Kentucky hides. Southern
green hides 8c. We quote assorted
lots dry flint, 12c to 14c. 9-10 bet-
ter demand.

Dressed geese, 11c per pound for
choice lots, live 5c

Fresh country eggs, 25 cents per
dozen

Fresh country butter 25c lb.

A good demand exists for spring
chickens, and choice lots of fresh
country butter.

HAY AND GRAIN.

No. 1 timothy hay, \$22 00
No. 1 clover hay, \$20 00
Clean, bright straw hay, 25c bale
Alfalfa hay, \$21 00
White seed oats, 54c
Black seed oats, 53c
Mixed seed oats, 65c
No. 2 white corn, 92c
Winter wheat bran, \$28.00

Liv-ver-lax,

the liver regulator. Ask L. L. El-
gin and Anderson Fowler Drug Co.,
Incorporated.—Advertisement.

Physical Culture in Old Egypt.

That physical culture was a fad
with the fashionable ladies of the
courts of the Pharaohs is another
phase of Egyptian life revealed by
the rock pictures of the "Mother of
Civilization." The more we moderns
dig into the buried past of the
Pharaohs the more moderate grows
the estimation of our wonderful prog-
ress.

Oh! you calomel get out of the way
and let LIV-VER-LAX do the work.
Purely vegetable. Ask L. L. Elgin
and Anderson Fowler Drug Co., In-
corporated.—Advertisement.

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SPRING CARE OF LIVE STOCK

Great Mistake Made by Many in Feed-
ing Out All of the Succulent
Feeds During Winter.

Every year we see the necessity of
having an abundance of ensilage and
roots to carry the live stock well
through the spring months. It is a
great mistake to feed out all of the
succulent feeds during the fall and
early winter and compel the farm ani-
mals to consume the dry, inferior fod-
ders during the spring when they are
falling away in condition. Neither is
it good policy to turn the animals out
to pasture too early in the spring.

It belongs to the penny-wise-and-
pound-foolish policy that too many of
us are practicing. It is much better
to spend a few dollars for grain, and
house feed our animals longer than
to expose them to the cold blasts of
late winter and early spring. Sound
policy dictates this and humanity also.

Lice seem to be more troublesome
during the spring when the farm ani-
mals are kept inside until warm
weather comes than at any other time
during the year, and as soon as an an-
imal is discovered to be lousy, the lice
should be destroyed at once.

We have found a strong decoction
of tobacco an excellent wash for the
purpose of destroying lice, but during
recent years we have been using a mix-
ture of crude oil and crude carbonic
acid, and find that this does the work
in a very thorough and effective man-
ner.

On the cattle we supply it with a
hand sprayer, but for the hogs we pre-
fer to use a brush or to saturate a few
gunny sacks or old blankets and wind
them around a post in the hog yards
and allow the hogs to make their tol-
lets by rubbing against these posts.

They will soon learn how to apply
the mixture where it is most needed
and will keep themselves free from
these pests if their beds and houses
are kept clean and disinfected.

TO SPREAD MANURE ON LAND

Fertilizer Should Be Spread on Soil
When Grass is Growing as Loss of
Nitrogen is Less.

A most excellent way to use fine
manure is to disk it in land where
clover or grass is to be sown in the
late summer or fall. It is spread on
the land after it is harrowed down
fairly well and then disked in just be-
fore making the final preparation and
sowing the seed. This method, accord-
ing to Southern Agriculture, is not
often practicable, however. Unless the
bad practice is followed of holding it
through the summer but little manure
is on hand in the fall and the rush of
work at that time often makes it im-
possible to haul it out then.

Through the summer and at other
seasons it may be desirable to spread
manure on meadow or pasture land
and allow it to lie for a year, or for
years, before plowing. This is more
wasteful than where the land can be
plowed reasonably soon, but conven-
ience or the need of a pasture or of
a meadow that should stand another
year or two may, and often does,
justify the practice. It should be
applied at a time when the grass is
growing, or near such time, as the
loss of nitrogen will be less then.
Sometimes disking and harrowing the
land at the time will be a good prac-
tice. This will help work the manure
into the soil, will cultivate the land
and will make a seed bed if re-sowing
is intended.

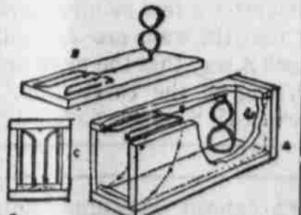
HOW TO MAKE RABBIT TRAP

Complete Directions With Illustration
Given Herewith—Use a Carrot or
Apple for Bait.

A is the trap complete, showing the
inner workings of the wire door and
trigger.

B is the top before it is nailed on
and is shown turned over—upside
down. The wire door is turned up
against the top and the trigger pushed
forward to catch the door. The door
and trigger should be fitted to the top
before it is nailed on.

C shows the door, which, loosed
from the trigger, falls behind the rab-
bit as he enters the trap, and is hung



A Rabbit Trap.

tightly at the top, and rests against
the cleats at the bottom, so cannot be
pushed outward. Bait with carrot or
apple.

Hang the bait on the back end of
the box. The door is made of wire
bent up and down and fastened with
staples. Have enough space between
the trigger and the bait for the rab-
bit to have to push it to get to the
bait, then the door falls and the
bit is caught.

Buying Trees.

Always get a written guaranty
with your trees and be sure that the
people behind it are able to make the
guaranty good.

Uncompromising Foes.

Poor cows and indifferent dairymen
are the most uncompromising foes of
the dairy business.

TECHNICAL WORLD MAGAZINE

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First—**"Kentuckian"**
A virile, newsy newspaper with the interest of the entire community at heart. Issues of the day are handled without fear or favor. You will find in this paper an up-to-date depart-ment for each member of the family. Clean, honest, straightforward—it is a paper your family should not be without.

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This one is just off the presses. This is the year to obtain a new atlas. The 1910 Census has just been completed, this atlas contains the official figures. 128 pages of 3 color maps brought right down to date—every map giving the results of the most recent surveys. All railroads are shown and named and maps of all large cities are included. There are 21 double page maps showing in detail portions of the U. S. and Canada. Dimensions 10 1/2 x 13 1/2. Bound in stiff linen—Silver Leaf Titles—printed on heavy plate paper. Sells regularly for \$2.00. A splendid gift.

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