

HINTS THAT WILL HELP THE PROGRESSIVE FARMER TO CONDUCT HIS FARM SUCCESSFULLY.

CIDER MAKING.

The benefits of filtering—How to make a barrel or bag filter. Cider is greatly improved by filtering...

COVERED STOCK TANK.

A convenient place for animals to drink in winter. The illustration shows what I consider the best plan for covering tanks...

A WORD FOR THE SILO.

Its virtues extolled by a progressive farmer. There are always kickers against the silo...

MOTHER AND SON.

Two handsome specimens of the Guernsey cow. The Guernsey cow Dolly's Ada, 0289, and her bull calf, Rufus of Homesteads, 0905...

FATTENING CATTLE.

Plenty of good water should be kept in easy reach. The successful feeder knows the value of having good water within easy reach of his cattle...

YORKSHIRE WHITES.

Refutation of the claim that they blister in the winter. When a certain breed of stock in which one has been interested for the greater part of half a century is unfairly criticised...

WHEN THE BEES SWARM.

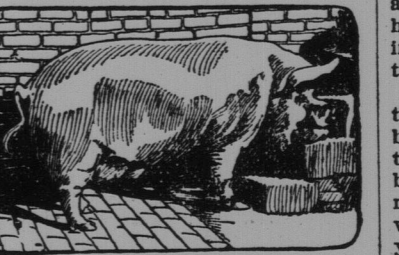
How to live them with a basket. If the cluster is low, it is easy to have a swarm of bees. Slip a basket right up under the cluster and jar the limb...



TANK COVERING WITH DOOR UP.



GUERNSEY COW AND CALF.



YORKSHIRE WHITE BOAR.

MARKETING WATER.

The most successful farmers know are those who are marketing the most water. In selling milk 87 per cent is water and butter 78 per cent...

ROOTS AS A STOCK FOOD.

J. H. Bowerman, writing in The American Agriculturist, says: A writer, commenting upon the value of roots for feeding stock, remarked that "in this country, where corn is so cheap, it does not pay to raise roots for feeding..."

GUTTER FOR COW STABLE.

Cheap, easily constructed and keeps the floor clean. A great many cow stables have no manure gutters, and the floors are often in bad condition...

RAISING THRIFTY LAMBS.

Much depends on care given ewes. No small part of the success in raising lambs depends upon the care given the ewes during the winter...

SILAGE FOR HORSES.

Not so good for them as the other farm animals. Ensilage has long since passed the experimental stage, says C. D. Smead in The National Stockman...

FOR DRAWING HAY.

It is easily made and comes in handy when stacking. The cut shows an easily made device for drawing hay when stacking in the field...

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UNCAPPING HONEY.

A German journal describes the following apparatus for uncapping honey: A strong tin dish 20 inches long, 12 inches wide and 6 inches high has resting in it, supported at proper distance from bottom, a piece of wire cloth with meshes five to the inch...

SILAGE AND ENSILAGE.

Cornstalks should be cut into short lengths. The finer the cut the more compact the silage, says Breeder's Gazette. As the silo fills with the fresh cut corn, ears and all, the material should be spread evenly and carefully...

PREVENTING SCOURS IN CALVES.

We have never been troubled with the calf cholera, but the white scours have given us trouble at times, says a New York farmer in American Agriculturist. This common difficulty with young calves is both unpleasant and discouraging, and I believe, is preventable in almost every instance by careful feeding...

WORMS IN HORSES.

Give two ounces of turpentine in one-half pint of raw linseed oil at a dose three times a day before feeding for two days, then give one quart of raw linseed oil at a dose as a physic. Feed a quart of oats at a feed three times a day and 15 pounds of good hay in 24 hours...

CONCERNING CALF CASTRATION.

In my judgment no calf should be castrated under 6 months of age, and where they are not more than usually vigorous and growthy I would allow them to run the first winter and castrate them about the time they start on grass in the spring, writes a Kansas grower to the Breeder's Gazette. However, this extreme age of castration would not be advisable if dehorning is not to be practiced...

NEWS AND NOTES.

A fine promise for wheat and a generally good hay outlook was American Agriculturist's summary at the beginning of May. A miniature Louisiana ricefield, with canal, pumps and thrashing machine, just as found in the Crowley district, is one of the unique features devised for the rice-grower's exhibit at Buffalo. New orange and grape fruit groves are reported as being constantly planted in Florida the past three years, the rock lands of Dade county having proved a pleasant surprise as far as successful orange growing is concerned. Good earth roads are still needed. Drainage by one of properly laid tiles is recommended by an expert as the best thing in road improvement. A Canadian bee man thinks that instead of working for long tongues the effort should be to obtain a new clover by crossing red and white or red and alsike. In a few months there will be 42 beet sugar factories in operation in the country, no less than 13 being now in course of erection.

AGRICULTURAL REVIEWS.

In all the earlier stages of growth of corn the greater share of the protein is found in the leaves, and even when the corn is ripe enough to cut but little over half of it is found in the ears. This fact calls attention to the necessity of carefully husking and preserving the fodder. A good top crop is expected in western New York, and satisfactory prices everywhere, with a generally lighter crop than last season. The Long Island farmers now talk of a return to raising beef cattle, which years ago was a profitable occupation. It is believed that there will be good profit in local stock raising for market, and the farms will also be enriched. A variety of tomato recently coming into note among Long Island truck growers is the Quarter Century, which is on the order of the popular Acme. Its vines are strong and stocky. The fruit sets in large clusters and ripens evenly. The Connecticut tobacco crop is called the largest and best for years. An experimental crop of Cuban tobacco is reported as naturally spotted.

HORSE NOTES.

Allow a horse a reasonable time to rest after feeding. It is within the reach of every farmer to breed good horses. Mares need in the fall will endure good service without injury. A dumb, stupid colt can never be educated to be a valuable horse. A good colt is a product not affected by weather, hot, wet or dry. Size, form, bone and constitution must be regarded first in breeding. Dirt or filth if allowed to cake causes sore heads. While horses need good, wholesome food, it should not be all of the fat producing kinds.

BOXING CHEESES.

Cheese should be put in good fitting boxes, the sides of the box being cut down about half an inch lower than the cheese. The weight should be plainly stamped on the box near the seam, and all marks that are to be put on the box should be put on every box alike.

PIGS FEASTED ON RAPE.

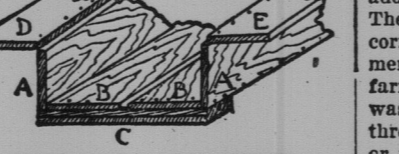
Pigs pastured on rape are remarkably healthy. They relish the food, and it seems to keep them in fine condition. Hogs need exercise, especially the breeding sows, which should have the run of a large dry yard of lot. During cold weather hogs should have all the clear water they want at least twice a day.

PROFITS IN SHEEP.

Many experienced and successful sheep owners declare that the wool alone will pay for the keep of the sheep and that money derived from the sale of lambs and mutton should be clear gain. Upon such a basis there would seem to be little doubt that the profit from them must be greater than from any other class of stock.



SILAGE AND ENSILAGE.



WATER TIGHT MANURE GUTTER.



FOR DRAWING HAY.