

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."

WHILST horses are carefully groomed and brushed, cattle are entirely neglected; and in such a state they cannot thrive or do as well as they would in a state of cleanliness.

Mr. W. H. SHELMIRE, of Philadelphia, has been appointed Superintendent of the Eastern Experimental Farm, connected with the State College, in place of Mr. Carter, resigned.

THE tent caterpillar which builds its house in our apple trees, though often doing an immense amount of damage when neglected, is one of the most easily managed insects with which the orchardist has to contend.

In all the principal towns and cities where railways pass or terminate, responsible parties can constantly be found who are ready, with cash in hand, to take all the good dead poultry that is offered within striking distance of such principal places.

Sale of Shorthorns. We learn from Major W. R. McFarlane that on Friday, the 28th instant, he will offer at public sale, at his home near Reedsville, Mifflin county, his entire herd of Kentucky Shorthorns, numbering some seventeen head.

Coal Tar and Compost for Corn. A private letter from a very intelligent and deserving gentleman in Morris county, N. J., contains a couple of items of interest to corn farmers, and we give them for the benefit of our readers.

A small quantity of coal tar mixed with the corn before planting will insure it against the depredations of birds, squirrels, etc. A tablespoonful of coal tar is enough to mix with a bushel of corn.

It will not be disturbed by any of the ordinary pests of the farmer, and will go a great way towards stopping the wholesale destruction of birds, which in reality are friends and helpers to the farmer.

M. Theodore King, of this place, is a young man who believes in the old saying that "to do a thing twice do it well once," and has adopted it in his business.

He is engaged in the mercantile business and also works a small farm, and as a general thing his crops are the best paying of any in the region.

The Cattle Plague.

PREVENTION BETTER THAN CURE. We make the following extract from a letter to the Tribune by Geo. Shepard Page, of New Jersey, in the hope that its suggestions will be heeded by our Centre county farmers.

In 1858 the Legislature of New York, in response to petitions from every quarter, appointed a commission and appropriated funds to investigate the causes of the disease and to eradicate the terrible scourge.

It was speedily discovered that by the use of the same agent first brought into notice by the distinguished scientist, William Crookes, of England, who stamped out the cattle plague or "rinderpest" by its aid in the United Kingdom, equally gratifying results were achieved here.

It is well to bear in mind that April, May and June are the months which bring the golden prices. After this time the distinction made between the flesh of lamb and mutton is no longer marked, and prices come more nearly together.

While early lambs, as has been already said, bring the highest prices, late lambs, particularly in cold backward seasons, often prove most profitable, being less costly and troublesome to rear.

To MAKE WOOL UNIFORM.—Sheep must be kept in a uniform condition to produce good wool. When the condition of the sheep is kept uniform the wool will be uniform.

HORSES should be watered in the morning before they are fed. A full drink of water immediately after being fed is a sure way of producing indigestion, if not inflammation.

Harrowing the Wheat in Spring.

Correspondence of Country Gentleman.

P. Y. wanted to know if wheat or rye would be benefited by harrowing in the spring, if it was sowed broadcast and covered with either the harrow or shovel plow?

I have no hesitation in offering P. Y. this advice, as I have done the same thing myself, and with only good results. After experimenting sufficiently to satisfy myself on this point, I (two years ago) harrowed a field of wheat and rye which had been sowed broadcast and covered partly with the harrow and partly with shovel plows.

One other item is of importance—harrow thoroughly—lap sufficiently to break and pulverize the whole surface. Advice given by the editors of a paper like this should above all other things be safe.

A proper harrow for this purpose is a sharp, upright, square-toothed one, of medium weight, with teeth three-quarters of an inch or one-inch iron, and projecting six to eight inches below the frame.

The fact I would like to impress is that harrowing need not be omitted for lack of a certain kind of harrow. Nine times in ten the same harrow used to prepare the ground for sowing the grain will be equally useful in cultivating the grain in the spring.

Lambs For Early Market.

From the New York World.

In all localities where there is a market for them, the sale of an early lamb will bring its possessor more money than that of its mother with her fleeces. The winter having been destructive to sheep, especially at the West, lambs will be in active demand at fair prices during the coming spring.

Ewes that have lost their lambs should be made to foster another lamb or at least forced to help feed it, as milk from the ewe is attended with better results than the most judicious hand feeding.

While early lambs, as has been already said, bring the highest prices, late lambs, particularly in cold backward seasons, often prove most profitable, being less costly and troublesome to rear.

And it Will Help the Wheat Too. If you want to get a good stand of clover, in the spring as soon as the ground is settled, go on to it with a two-horse harrow; have the teeth perfectly sharp so that they will cut the ground up pretty well.

from poverty to flesh—the sudden change causing the shedding of wool, which rightfully is attributed to the corn.

A Grafting Lesson for Boys.

Correspondence of New York Tribune.

The Spring that I was sixteen, with a little showing by a good practical grafter—which is the best instruction a young grafter can have—I set about twenty-five grafts, half or more of which grew.

Remember, you were once boys, and do not call it wasting time to make a tree that bears apples that would make a pig squeal bear any desirable kind. The next Spring, without any assistance whatever, I set twenty-four apple and cherry grafts (some of them under not very favorable circumstances); twenty-one of these grew, which was about as well as most professional grafters do, who charge three cents each for their grafts.

The Farmers' Friends.

The swallow, swift and nighthawk are the guardians of the atmosphere. They check the increase of insects that otherwise would overload it. Woodpeckers, creepers and chickadees are the guardians of the trunks of trees.

The wholesale destruction occasioned by the grasshoppers, which have lately devastated the West, is undoubtedly caused by the thinning out of the birds, such as grouse, prairie hens, etc., which feed upon them.

Hog vs. Hen.

Farmers will feed a bushel of corn to produce six pounds of pork, while the same amount of corn will keep a good laying hen one year, and she will produce at least twelve dozen eggs, averaging eighteen cents per dozen, which would equal \$2.16.

And it Will Help the Wheat Too.

If you want to get a good stand of clover, in the spring as soon as the ground is settled, go on to it with a two-horse harrow; have the teeth perfectly sharp so that they will cut the ground up pretty well; then sow at the rate of one bushel to five acres.

Clear the brown path to meet the sun's gleam! Lo on his comb behind his smoking train! With his bright dew-drops on his sun-burnt brow, The Lord of earth, the hero of the plow!

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BELLEFONTE & SNOW SHOE R. R.—Time-Table in effect on and after Dec. 31, 1877.

Table showing train schedules for Bellefonte & Snow Shoe R.R. with columns for departure and arrival times for various stations.

PENNSYLVANIA RAILROAD. (Philadelphia and Erie Division.)—On and after December 12, 1877. Table with columns for WESTWARD and EASTWARD services, listing stations and times.

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