













Farm and Stock.

A Farmer's Laboratory. From the Germantown Telegraph.

The coming farmer has got to be a scientific man, and the sooner the matter is squarely faced the better for him and all his folks.

These men are scientific farmers in the true sense of the term; yet they cannot express themselves by any mode, only by example.

And here lies their safety; they do not know enough to be misled by any of the plausible theories offered them;

There is a class of farmers coming to the front, however, who are possessed with the desire for knowledge, who have learned in this year 1881 that "knowledge is power."

Soils are extremely various, ranging from clay so pure as to make the best of brick, down to sand so pure as to travel to-and-fro with every wind.

Here we have the secret of profitable manuring. A clay soil will retain the fertilizing principles near the surface, and short surface-rooted plants will find their food when they need it.

Without this knowledge crops may be put in so contrary to their requirements as to cause a general failure over the whole farm;

Maligned Meats. From the Prairie Farmer.

A German professor is preaching a crusade against American canned meats. He asserts that all sorts of offal, inferior meat, and other worthless stuff are used to fill the cans that are shipped from this country.

extravagance of such statements should work their own refutation, but such is not the case. Nothing can be too extraordinary to find credence in Europe, if told of America.

This vilification of American meat products is a rank injustice in several particulars. In the first place, the best of our meat is sent abroad and sold at a comparatively low price, while we pay a high price for a middling, and an exorbitant price for a superior article.

"What becomes of the American and Australian meat that is being regularly shipped to this country in enormous quantities? American meat, when first brought into the English market, was sold at reduced prices, and it met with a great demand.

That not only weeds but other plants can destroy the fine aroma and taste of milk, and ultimately the dairy products, may be observed easily by pasturing the cows say for one week on rye and the next on clover.

It is bad enough to decay our meat, but to cheat us out of the price of it and then palm it off as a superior British product, is adding injury to insult, and calls to mind the pitiful plaint,

Perhaps it was well you rejected my love, But why did you kick me down stairs?"

In one particular, however, the Europeans have cause of complaint. It is in regard to meat shipped in cans that are soldered with lead on the inside.

The Most Cream. From the Fort Dodge Messenger.

"The questions of cream and butter are coming to the front. And just now it is important to know how to get the most cream from the least amount of milk.

Without this knowledge crops may be put in so contrary to their requirements as to cause a general failure over the whole farm; while with it, by a mere shifting to congenial fields, every crop would have been successful.

had been set immediately in ice water." The above is of much importance. Still it may mislead some. Too much stress may be laid on the necessity of ice.

The milk should be set in this cold water as soon after it is drawn from the cow as possible. If the water is changed often enough, or a stream of water is kept flowing around the cans holding the milk, every particle of the cream can be raised in twenty-four hours without ice.

If the design is to sell cream, a glass with scale of inches can be put in. This submerging business we believe to be an arrant humbug. Pure air is good for everything, always and in every case.

A Good Pasture. From the American Dairyman.

Certainly one of the essentials for making the finest quality of butter or cheese is to have milk of the purest quality. To accomplish this, the first requisite is pure and uncontaminated food for the cow.

That not only weeds but other plants can destroy the fine aroma and taste of milk, and ultimately the dairy products, may be observed easily by pasturing the cows say for one week on rye and the next on clover.

Thus grass that is exposed to the sun on the hills or high uplands is far better for dairy uses than the wood pastures or grass that grows long and rank in the shade.

For this reason the farmer should be careful to select the best pastures for his cows and let the other stock on the farm feed upon the most objectionable grasses. Often he has a fine pasture with a very objectionable swamp corner to it, which should be fenced off from butter cows and used for calves and other stock.

Veterinary Department.

Horse Breeding—Retention of After-birth—Milk Producing Food. From the Prairie Farmer.

If you breed at all, you should have an unmistakable good mare, and put her to a clean-limbed, muscular, sound horse, whose points you may consider best adapted to suit hers.

very plenty, and always command a good price. Anyhow if you propose to breed, get the best materials you can to start with, or your labor and money will be thrown away.

See the lob-headed, straight shouldered, weak-limbed, sluggish, tucked-up, goose-rumped, flat-sided, cow-backed stamp, with which too many farmers are content, left out to winter long on poor ground, you cannot wonder when they tell you that "horse-breeding does not pay."

1. Please inform me what to give a cow that had a calf and does not pass the afterbirth? 2. What is the best milk-producing food? I have thought of trying oats cut and fed green, also field corn, sweet corn, squashes, and sugar cane, etc.

ANSWER.—1. When the afterbirth does not pass off without assistance in the course of a week, it may be removed by inserting the previously oiled hand and arm, carefully detaching it from its adhesions.

From the Hub.

There is perhaps no tonic offered to the people that possesses as much real intrinsic value as the Hop Bitters. Just at this season of the year, when the stomach needs an appetizer, or the blood needs purifying, the cheapest and best remedy is Hop Bitters.

THE PASTILLE FOR NERVOUS DEBILITY. A valuable Discovery and New Departure in Medical Science, an entirely New and positively effective Remedy for the speedy and permanent Cure for the deplorable disease resulting from indigestion...

Book Million. On receipt of your name I will send you a copy of the most comprehensive GUIDE AND REFERENCE BOOK ever sold at the popular price of \$1.00.

HOP BITTERS NEVER FAIL. If you are a man of business, weakened by the strain of your duties, avoid stimulants and use Hop Bitters.

Ayer's Cathartic Pills. Combine the choicest cathartic principles in medicine, in proportions accurately adjusted to secure activity, certainty, and uniformity of effect.

Ayer's Cathartic Pills. While gentle in their action, these PILLS are the most thorough and searching cathartic that can be employed, and never give pain unless the bowels are inflamed, and then their influence is healing.

