Farm Notes.

The little colts should now have bran.

Old hogs will fatten on the green stalks of sweet corn.

The more cold a cow takes in the less butter she will give out.

Now, if we had lots of sorghum how cheap we could make pork and beef!

The evidence increases that corn and filth are the biggest causes of hog cholera.

It is not the highway cow but the highway bull that always troubles us most.

Grocerymen buy skim milk cheese for what it is, and retail it to consumers for what it is not.

Ayrshire and Jerseys crossed make grand butter cows. We have some of this cross and they are really model milkers.

Nitrogenous foods make muscle. This is why young and growing animals should have bran, middlings, oil meal and oats.

To make more demand for cheese there should not be such a thing as skim cheese. The little greed of the few injures the credit of all.

Animals exposed to the cold will eat all the time. This is because there is so much fuel required to keep up animal life. Cold is death.

Clover hay is best for all growing animals and cows giving milk. This is because it is well balanced, and has a large amount of muscle in it.

Do not skim the milk, as it ends in fraud on the consumers, who think they are buying full cream cheese. It is a set back to consumption and demand.

The Galloways, as a breed, possess splendid staying powers and consequently are true breeders. They are not great mikers but make excellent beef.

Dairy cows must have plenty of good water. Sweet corn stalks cut green will fatten the hogs. A little bran and oats or corn will keep the limbs growing.

It is best to color butter and cheese with Jersey cattle, and cheapest in the end. There is no excuse for pale butter when bulls of this breed can be bought for from $25, to $40, according to the age.

We must create a home local market for lamb and mutton, and then grower and consumer will be independent of the big beef monopoly and get better meat at the same time.

Ontario, Canada, has 752 cheese factories and 50 creameries where butter is made on the factory plan. The cheese made from skim-milk is better for somebody else. It is hard to digest.

Empty Bottle Collectors.

Those who who have seen the empty bottle collectors in their daily rambles about the city would little think, observes the New York *Telegram*, that intellect is required for such business. The truth is, a large amount of knowledge may be profitably utilized even in this humble calling.

A *Telegram* reporter visited an old bottle establishment, and whild wandering through the building learned a few secrets of the trada. Hot water and soda tunks and rows of bins on both sides of the room, built like mammoth pigeon holes and extending to the ceiling, were the principal fixtures in the apartment. The bins were full of different kinds of bottles.

"In this age of patent medicine and wildcat whisky," said one of the bottle watchers, "it keeps a man busy to keep track of all the different kinds of bottles."

The number of different brands run far into the thousands, and as they are not of value it is easy to see that a dealer in old bottles has to keep his eyes peeled. Many of the patent medicine concerns are so dignified that they will not use the same bottles twice, and if the name of the firm is blown in the glass, such bottles are of no value except for old glass. Hundreds of the various compound and extract companies, however, are glad to pay fair prices for their old bottles, and on this fact the success of the gatherer depends.

New brands of medicine etc., are being constantly put upon the market, and as soon as the live merchant finds them floating about in the garbage boxes he sets to work to find out if they can be profitably returned. Plain bottles such as are used for pop, table sauces and spirituous liquors have standard prices, and can be sold at many places.

A Couple of Dog Stories.

Talkinn about dogs, I should tell you that London is celebrated for curious dogs. Here are a couple of stories I can vouch for. In St. Martin's lane there sits every day an old blind man who knits nets. Between his feet sits a bright little Scotch terrier. If you toss him a penny he catches it deftly in his mouth and puts his nose in his owners hand. The blind man utters his thanks and drops the money in a bag he wears around his neck. In the evening he leads his master home, and through some of the most crowded thoroughfares, too.

Nelson is the celebrated dog of Seven Dials. He is always pointed out to visitors. He got his name from having lost a foot at some disturbance at Trafalgar square. He always buys his own food. When any one gives Nelson a penny and he is hungry he goes to a butcher's or a baker's shop, as the appetite dictates, and placing the coin on the counter receives a piece of meat or a roll. If he has received more pennies than he needs for the day he buries the surplus and sits on his treasure all night.

Oh, What a Cough.

Will you heed the warning. The signal perhaps of the sure approach of that more terrible disease, Consumption. Ask yourselves if you can afford for the sake of saving 50 cents, to run the risk and do nothing for it. We know from experience that Shiloh's Cure will Cure your Cough. It never fails. This explains why more than a Million Bottles were sold the past year. It relieves Croup and Whooping Cough at once. Oothens do not be without it. For Lame Back, Side or Chest, use Shiloh's Porous Plaster. Soldby Dr. T. J. Davison.

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Care of Horses' Feet.

Preserving the frog, that very important cushion beneath the horse's foot, was the subject of remark by a correspondent in a recent issue of *Rural New Yorker*. Following are statements made:

If, in seeking a horse, we take up the foot and find the frog well preserved—the cushion, so to speak, wide, full and soft—the probability is that the remainder of the foot will be in good order. There may be an exception to this in the case of a used up horse having been turned out to pasture for a period long enough to permit the frog to take on new growth. If the frog be fully protected and well maintained the hoof will be found but little if at all contracted, for the very good reason that the hoof cannot readily contract if the frog be up to its normal size in every way.

But it is the smith, the horse shoer, who ruins the frog; that is, very many of them do this. During the many years that the writer has driven horses, he has always made it a rule to be present during the shoeing, and has never permitted more than the slightest trimming of the frog, nothing more than the trimming off of insignificant parts, already nearly detached. The smith can mutilate and seriously damage the hoof by the use of the rasp; but, fortunately, the frog is proof against attacks by this instrument, and even the knife requires to be sharp, else the peculiar nature of the frog will resist.

Fever in the feet is a prolific source of injury in the frog, and should be overcome at the earliest possible day. Confinement upon a dry, plank floor is damaging by keeping up to complete a state of dryness.

Cutting the frog away at the time of shoeing, then setting the foot upon caulkins, in such manner as to prevent the frog from pressing upon the ground, will, sooner or later, interfere with its development and usefulness. The most important function of the frog is to lessen the shock to the foot in its contact with the ground. This being the fact, it should be so maintained, and the shoe be so constructed that at every step the frog can come in for a fair share of the pressure upon whatever substance the horse is required to tread.

Thrush is a disease in the feet of the horse, usually arising from a dirty condition of the stable, from neglect in keeping the stall in which the animal stands clean; more particularly is this the case in horses of a morbid condition of the blood, though it may, and does, occur in horses of a morbidc condition of the blood, in the most cleanly kept stable. The following treatment is vouched for by the veterinary editor of *Michigan Farmer*, as being both simple and effective:

Wash out the cleft or division in the frog, remove all dirt or other accumulation, and while wet sprinkle a little sulphate of copper, pulverized, in the cleft or division and push it down the bottom with a handle of a spoon, stick, or other convenient article; then cover with a little cotton battiny to keep out dirt. Let it remain two or three days, when it may be removed. If necessary repeat the operation. When properly managed one or two dressings are all that are necessary.

Will Twin Calves Breed?

An English paper recently made the following statement in reply to the often asked query: "Will twin calves breed?"

"It has usually been held that when twin calves come, they will not breed; that the first born of the pair will be fertile, but that the other will not, and so strong has this belief been among the bulk of farmers, that the latter born calf has usually been fattened. A few years ago, in the herd of the late Mr. Henry Caddy, of Boughelm, Cumberland, there were twin calves, heifer at first and then bull, in the order of birth. Mr. Caddy determined to test the theory, and they both proved fertile. More recently Mr. Lancelot Hoggarth, of Milton Moore, Milnthrope, Westmoreland, had three births of twins among his cattle, one animal having twice had twins at successive births. In two cases the twins were all heifer calves, and in the other a heifer and a bull. I am now informed that the four heifer calves have all bred, and that the twin heifer with the bull is also in calf. The twin bull calf was sold, so that of him my informant could not speak."

Japanese Magical Mirrors.

The mystery of the so called Japan magical mirrors, so far as the cause of their reflecting objects that are on the back of the mirror is concerned, appears to have yielded to a little painstaking investigation. They are thin metal hand mirrors, with raised figures on the back of them, and are cast of an alloy of about eighty parts copper and twenty of tin, making a very hard yet elastic metal. In grinding the mirrors they are presumably laid on a flat plate, and the grinding pressure and the thick parts, opposite the raised figures, are ground more rapidly; the pressure removed, the plate springs back, and the mirror is concave on the face where the figures are. The light reflected from this mirror will show the figures which are on the back, not from any magical power, but because of the concave surface produced over the figures— the result of accident rather than of design.

A Word to Boys.

You are made to be kind, boys, generous, magnanimous. If there is a boy in school who has a club-foot, don't let him know you ever saw it. If there is a poor boy with ragged clothes, don't talk about rags in his hearing. If there is a lame boy, assign him some part in the game that does not require running. If there is a hungry one, give him part of your dinner. If there is a dull one, help him to get his lessons. If there is a bright one, be not envious of him; for if one boy is proud of his talents, and another is envious of them, there are two great wrongs, and no more talent than before. If a larger or stronger boy has injured you and is sorry for it, forgive him. All the school will show by their countenances how much better it is than to have a great fuss.

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With Headache, Neuralgia, Rheumatism Dyspepsia, Biliousness, Blood Humors, Kidney Disease, Constipation, Female Troubles, Fever and Ague, Sleeplessness, Partial Paralysis, or Nervous Prostration, use Paine's Celery Compound and be cured. In each of these the cause is mental or physical overwork, anxiety, exposure or malaria, the effect of which is to weaken the nervous system, resulting in one of these diseases. Remove the CAUSE with that great Nerve Tonic, and the RESULT will disappear.

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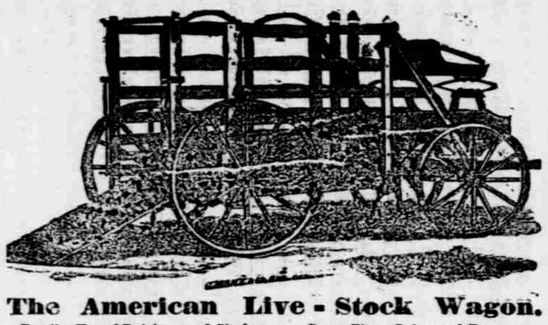

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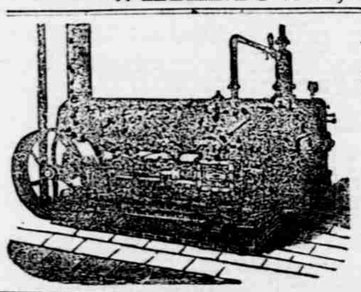

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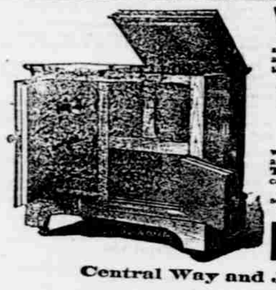

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