

FEEDING EAR CORN.

The New Jersey Experiment Station Proves Unwisdom of the Practice by Eloquent Figures.

The practice of feeding ear-corn to cattle is very widespread. The impression seems to be that what is lost in the unused corn is made up in the saving in labor and expense of grinding. The practice of having hogs "follow" cattle originated in a desire to make good a part of this loss. The practice, however, is not one that commends itself to men that practice advanced methods in feeding. Even in the cases of men that have their cattle followed by hogs in summer time, the same practice of feeding corn on the cob is continued during the winter and during all other times, when the loss cannot certainly be made good by the hogs. Experiments have demonstrated that the loss of good feeding material by the practice is very large. The New Jersey experiment station recently made some tests that were strongly demonstrative of the unwisdom of this course. One cow was fed ten pounds of corn on the cob daily, of which 5.73 pounds appeared in the excrement, thus showing that 57.3 per cent. went through the stomachs of the cow without being affected by the digestive processes. It must be taken into consideration that there is a loss otherwise than of the 57.3 per cent. of corn, for the animal has had to use some force in the process of passing this unused material through the system. The station mentioned figured out that in the case of a cow giving milk the value of a ton of corn and cob meal was \$9.38 more than a ton of ear corn. Of course, from this must be deducted the cost of husking and grinding a ton of corn, but this would seldom exceed a half of the increased value represented.—Farmers' Review.

PEN FOR BROOD SOWS.

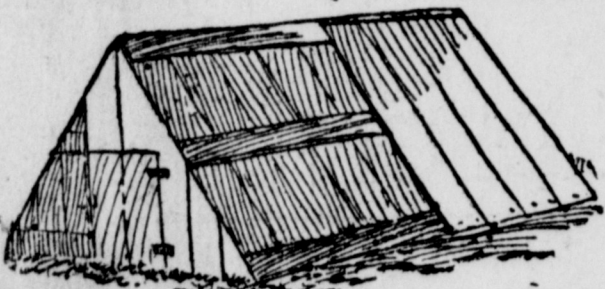
It Is Frost-Proof and Pigs Can Be Raised in It Even in the Coldest Weather.

Thousands of farmers are using the portable pigpen shown in illustration. The objection to it in cold weather is that the cold wind striking the outside of pen condenses the warm air and steam on the inside, producing frost and ice. To remedy this I first board up in the usual way, cover with good quality building paper, nail on cleats crosswise, cover with boards one foot wide and batten. A two-inch air space between the outer and inner wall is thus secured. The ends should be fixed up the same way. Now you have an almost

Breed, feed, fatten and market the hogs young, and turn off two crops a year rather than one every two years, as was the old custom. A good clover field helps in this wonderfully, and in it the hogs will keep vigorous and healthy.—Colman's Rural World.

When Horses Catch Cold.

It has been noticed that horses that have been out on pasture for some time will frequently seem to take cold or develop a case of nasal catarrh when taken up and kept in the stable. If the stable is very close and warm and no protection is given to the horse to prevent him from taking cold when brought out, he is liable to be affected by the change during very cold weather. Sometimes, also, the stable is too open and he has to stand in a draft when brought in warm from work. In such cases cold may frequently follow the neglect. In many cases, however, the catarrh or cold may be prevented by seeing that the stable is free from filth and impure air.—Farmers' Review.



PORTABLE DOUBLE-WALLED HOG HOUSE.

air-tight pen and a sow would not live in it long. For ventilation, bore a two-inch hole through the outer wall near the bottom of pen on the end. Bore a corresponding hole on the inside near the top. Reverse the position of these holes on opposite end. Have a double window in one end high up out of the reach of the sow. The door in the other end should also be double. Place a guard for little pigs across back end and a trough near front end. If the weather is very cold, hitch a team to pen and draw in onto barn floor. Pigs can then be raised in coldest weather.—Orange Judd Farmer.

PIG-PEN POINTERS.

A sour swill is often the cause of scours in pigs. Does the sow have to climb a steep plank to get to her pen? Small, unsalable cooked potatoes are good for the hogs; mix with skim-milk and a little cornmeal. Lice can be driven from hogs by taking a paint brush and with it applying kerosene or fish oil. Don't forget to see that the brood sows have plenty of clean water to drink while they are raising their pigs. Don't expect a clover field pastured by pigs to produce hay the next season. Too many roots will be rooted out and eaten. The first time a pig follows its dam from the nest, let it see grass in its pen as soon as

About Friends

Jealousy is a cancer in friendship's heart. Friendship annihilates time and distance. Friendship suffers long and is not "touchy." The friend whom adversity drives away was never a friend. Petty criticisms and fault-finding harry friendship to death. Unselfishness is the price that must be paid for true friendship. God's great love for us lays upon us an obligation to greatly love one another. The highest friendship can not exist without respect. To make ourselves worthy of the best friends we must make ourselves worthy of respect. Friendship insures equality. Prince Jonathan and Minstrel David knew no difference of rank. Friends must be on the one level of heart, else they are not friends. A friend is the best fortune. He alone owns the riches of life who has a strong, true, loving friend. And without such a friend there can only be poverty, though coffers be filled to bursting, and every material wish be gratified. We only live when we love. Would you know whether you are a true friend to him to whom you have professed affection? Here are the standards: A friend suffereth long and is kind; a friend envieth not; a friend vaunteth not himself; a friend seeketh not his own; a friend is not easily provoked; a friend thinketh no evil.

A Lamb Without Legs.

A leg of lamb is a familiar, and to most people a pleasing sight, but a legless lamb has perhaps never before been heard of. So that a blithe young lamb born without legs, displayed opposite a Bleury street butcher's on Saturday, attracted considerable attention from passers by. The little animal is provided with feet, and can get about the meadow as friskily as you please, but the go-betweens are missing.—Witness.

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TRAINS WILL LEAVE ST. JOHN

Suburban Express for Hampton.....	5.30
Express for Campbellton, Pugwash, Pictou and Halifax.....	7.25
Express for Halifax, New Glasgow and Pictou.....	11.55
Express for Moncton.....	16.40
Suburban Express for Hampton.....	17.40
Express Quebec and Montreal.....	18.10
Accommodation for Moncton, Truro, Halifax and Sydney.....	22.30

A sleeping car will be attached to the train leaving St. John at 18.10 o'clock for Quebec and Montreal.

A sleeping car will be attached to the train leaving St. John at 22.30 for Truro. Vestibule Dining and Sleeping cars on the Quebec and Montreal Express.

TRAINS WILL ARRIVE AT ST. JOHN

Suburban Express for Hampton.....	7.15
Express from Moncton.....	8.35
Accommodation from Moncton.....	13.55
Express from Halifax.....	17.06
Express from Halifax, Quebec and Montreal.....	19.10
Suburban Express for Hampton.....	21.50
Accommodation from Pt. du Chene and Moncton.....	1.35

All trains are run by Eastern Standard time. Twenty Four hour notation D. POTTINGER General Manager, Moncton, N. B. June 14 1899.

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