Giving Chloral to Horses.

Coachmen in Bordeaux, France, h Coachmen in Bordeaux, France, have for some time past been in the habit of giving horses in their charge chloral, so as to make them easier to ride or drive. The drug acted like a charm, for horses which had previously been so spirited as to give much trouble to their drivers became as quiet as lambs after a few days of this treatment. This great change paturally treatment. This great change paturally quiet as lambs after a few days of this treatment. This great change naturally attracted the attention of the owners of the animals, and they sent for the vetinary surgeon to ascertain the cause of this sudden gentleness. That functionary noticed a certain tendency to sleep in the animals, but scarcely knew to what to reservible nanuals, but scarcely knew to what to reservible nanuals of the properties of the nanuals of the state fer this unusual condition, when in one of his visits he chanced to find a bottle half full of chloral. When he questioned the delinquent coachman as to the use he made of the drug, the latter, after much hesitation, owned that, following the advice of a brother whip, he gave his horses a dose of chloral every morning to make them go quietly, and further, that many of the fraternity in Bordeaux followed the same plan. This is not only true of coach-men in Bordeaux but it is asserted to be

ctised by American coachmen as well

Feeding Cows Turnips. The question is asked, "Does it pay to feed turnips to cows?" Yes. Feed them to dry cows, but not to them while in milk. In winter the cows get only dry feed—hay, corn, fodder and straw, it may be some feed meal and bran in small countify. This is great change from should have something to keep the bow cose, and turnips will not only do the eat, certainly I think he would say.
"Yes, turnips are good food for cows."
I am only speaking of dry cows in win

given, I will guarantee them a full crop very time:
Get good seed. Sow half a pound p

acre in among the corn any time in Ju when working the corn the last time; I sure and put the seed down broadca before you plow or cultivate the corn, as to work the seed into the ground; I is to work the seed that of country in from are marking with the blough you will not get them in too deep. The feed will come up sure. For the good of your corn and turnips, keep the weeds down.—Cor. Rural New Yorker.

Tseful Rules. The following simple rules should be at hand with every millman, and in fact

any one who has charge of machinery

ference. To compute the diameter of a circle or of a pulley—Divide the circumference by 3.1416; or multiply the circumference by .3183; or, as 22 is to .7, so is the circumference to the diameter. To compute the area of a circle—Multiply the circumference by one-quarter of the the circumference by one-quarter of the diameter; or multiply the square of the diameter by .7854; or multiply the square of the circumference by .07958; or multiply half the circumference by half multiply half the circumference by half the diameter; or multiply the square of half the diameter by 3.1416. To compute the diameter of a toothed wheel—Multiply the number of teeth by the true pitch and the product by .2148. These results give only the diameter between the pitched line on one side, and the same line on the other side, and not the entire diameter from regint to which of entire diameter from point to point of teeth on opposite sides.—Pacific Rural

Balky Horses.

The Society for the Prevention Cruelty to Animals puts forth a set of rules for the treatment of balky horses:

1. Pat the horse upon the neck; examine the harness carefully, first on one side then on the other, speaking couragingly while doing so; then ju into the wagon and give the word go; generally he will obey.

2. A teamster in Maine says he can start the worst balky horse by taking him out of the shafts and making him go round in a circle till he is giddy. If the first dance of this sort doesn't cure him 3. To cure a balky horse, simply place your hand over the horses nose and shut off his wind until he wants to go. 4. The brain of a horse seems to ente

means give him a new subject to think of, you will generally have no trouble in starting him. A simple remedy is to take a couple of turns of stout twine around the foreleg, just below the knee, tight enough for the horse to feel, and tie in a bow knot. At the first check he will generally go dancing off and after will generally go dancing off, and after going a short distance you can get out and remove the string, to prevent injury to the tendon during your further drive. 5. Take the tail of the horse between the hind legs, and tie it by a cord to the saddle-girth. 6. Tie a string around the horse's ear, close to his head.

The report that a successful poultry dealer had set up a carriage, arose from his statement that he had made his coop pay, this season.—Boston Commercial Bulletin

In a lecture before a British agricultural association, Mr. Casse, V. S., says, that the reason why whole grains appear in horse manure is because the horse is watered soon after being fed. The most of the water drank by a horse passes directly through the stomach to the large intestines, and grain just swallowed is liable to be carried along with the water instead of remaining in the

FEEDING CATTLE AND HOGS TOGETHER.

—A correspondent of St. Henry, Ohio, in the Western Rural, replies to the inquiry, "What Ails our Cattle?" as follows:—"A farmer near this place had also a queer disease in his cattle; and as he selved it at last, I will tell you what the people think it was. Mr. R., of this place, had a lot of cattle and he also fed them in the same yard with some hogs, and they (the cattle) died one after another, until an old farmer told Mr. R., not to feed his cattle and hogs together in the same place. Mr. R. separated the hogs and the cattle and that stopped the hogs and the cattle and that stopped the

The intelligence and education of people are the passports of a country to eminence and prosperity. R. Y. Ellis & Bro. A silver chain around a dog's neck will Let no one overload you with favors you will find it an insufferable burden.

Idleness is hard work for those who are not used to it, and dull work to those who

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The Transfer Books will be closed from the 15th to the 31st December, both days inclusive. olders for the election of Directors to serve during he ensuing year, will be held at the Bank on MON-AAY, the 11th day of JANUARY next, at noon. By order of the Board. C. M. ARNOLD, Cashier. St. Cytharines, Nov. 27, 1874. Stockholders in this vicinity will please call at the flee for their Dividends on and after the 2nd c cnuary next. C. E. CHADWICK, Manager Ingersoll, Dec. 18, 1874.

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