

AGRICULTURAL.

Protection Against Cold.

Double-glazed windows are nearly equal to brick walls as protection against cold, but the glazing should be done on a dry day and in a dry place, so as not to inclose moist air, which might cause mistiness between the panes of glass.

True Test of a Cow.

A high record for seven days is not always a good one, so far as showing the actual value of the cow is concerned. The true test of a cow is the number of pounds of butter she produces in a year and its cost. The results for a single week may be from excessive feeding, with extra cost for labor; but such cows, however, are usually capable of giving good results for a month or year also.

Potash in Plant Growth.

It is said that tobacco contains a larger amount of potash than any other of our common crops, or about forty parts in a thousand, forage beets or mangels thirty-five parts, potatoes twenty parts, sugar beets eighteen parts, clover hay nineteen parts, beans thirteen parts and the cereals five parts. To this we will add that the cereal grains of a well-grown crop usually show about four times as much of potash in the straw as in the grain, thus as the straw is the heavier, requiring twenty-five to thirty parts of potash for each one thousand parts of grain, beans and peas require much more in the stalk than in the seed, and the potash in the stalk of the potato is a greater proportion than in the tuber, but the weight being less, the whole does not vary much from the above estimate. The tobacco gives a better leaf for cigar making when sulphate of potash is used than when muriate or some of the cheaper grades are used. On certain soil the sulphate also produces a better potato for table use, while on others there does not seem to be much difference in results. Some of our sandy soils are well supplied with the silicate of potash, but there is apparently a greater difference in the ability of different plants to separate the potash from the silica or to use them together. We need more investigation in regard to the use of potash, but we can rest assured that if used freely it does not evaporate, leach away or change to an unavailable form.—The Cultivator.

A Protected Watering Place.

As a watering place for calves and sheep such an arrangement as that shown in the cut could hardly be improved upon. It shades the water, the



CLEAN, COOL WATER.

opening is on the north side, thus keeping it cool, and is so constructed that the animals cannot get into the tub. Rocks piled up about the base of the barrel keep it from being overturned, an important feature.—Orange Judd Farmer.

Mixed Grain and Cut Bone.

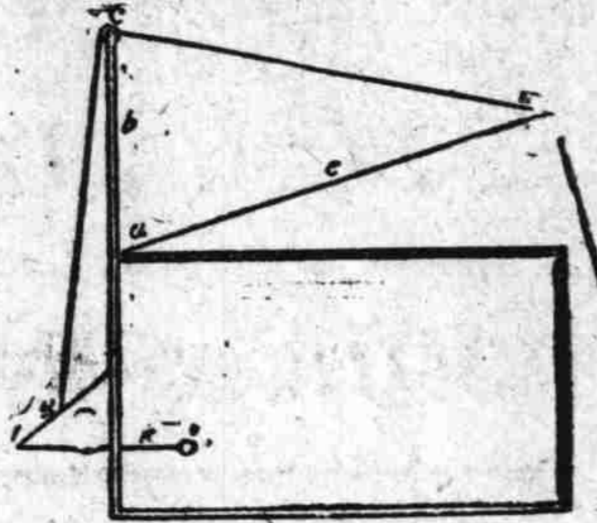
My experience with cut bone for six years is that the best results will not be obtained from any flock, either in the show room or in filling the egg basket, without it. It can be fed with benefit three times a week. I usually allow what I call a small handful to a half dozen birds at one time. It is easy to tell after a little experience how much the fowls need. Most of our bone cutters now shave the bone, and care should be taken in placing bone in the machine so that the knives cut across instead of lengthwise. If cut lengthwise, splinters, and sometimes long, sharp pieces, will be found and gobbled by the fowls. And this, if continued, even if good grit is fed, will surely produce crop bound fowls. If fresh bone is not to be had, a substitute of beef scrap or beef meal mixed with corn, oats, middlings and bran for one feed each day, gives good results. Usually the scraps are not used more than three times a week. Fowls must get two feeds of sound grain each day besides the ground feed, but it need not be all corn. Mixed grain gives best results.

With regard to utility and fancy, I always found the finest show birds in my yards to be the best utility birds. This talk about cross-breeds is all hosh. Of course, there may be some who may get the tail end of a pure breed nearly exhausted for want of care. From such they would not get the results expected, hence, would say pure breeds were no good. On the other hand, where such are intelligently bred and properly cared for, they usually make the ideal fowl both for

show room and market.—Thomas Goggin, in Poultry Farmer.

A Device For Catching Vermin.

Get a common box, remove the top and one side and put them together as at e and fasten with a hinge as at a. Fasten a spool, c, in the end of a board, b, and nail it to the back of the box. Then bore a one-inch hole about six inches from the bottom of the box, and at h cut a notch in the outside of the end board. Sharpen stick, g, at each end. The stick, i, should be twelve inches long, notched at k, so as to balance in the hole. The end, l, should be pointed, and the end i, notched and pointed. Fasten a string at m, bring over the spool at c, and down to g. Have the string short enough so that when set the door will be wide open, about eight inches. Place bait of any kind on l. When a



A BOX TRAP FOR VERMIN.

rabbit or other pest sniffs it he will dislodge stick, g, by moving it at i, and the cover will drop. Sometimes a weight can be used on the cover to advantage.—Farm and Home.

"Perishable Curiosities."

In Mexico the billing of railroad freight requires a knowledge and precision which can only be attained by years of practice. This is due to the peculiar classification of various articles and the different rates of customs duties. A case recently occurred which severely taxed the ingenuity of the station-agent, although he finally succeeded in meeting all requirements.

The town was overrun with tramps, and the council determined that steps must be taken to rid the city of them. It was finally decided to round them up and ship them out of the country. It would be too expensive to purchase tickets, so they concluded to hire stock-cars and ship their tramps as freight.

The cars were procured and by the aid of the police the tramps were gathered; but then the question arose as to how the shipment should be designated on the bill of lading.

The term "persons" could not be used, as it would conflict with the State law relative to proper accommodations for the traveling public, and it would also be in violation of the company's rules governing the rates of passenger traffic. "Marketable commodities" would not do, as that would subject the carload to a heavy duty upon crossing the tariff zone. Again, they would have to be classified as "perishable," or the Despatcher might order the cars side-tracked along the line.

But fortunately there is a customs law which exempts certain kinds of curiosities from duty, and so, after much consideration, the tramps were billed and forwarded as so many hundredweight of "perishable curiosities—unfit to eat."

His Hard Luck.

It is not unusual for persons indicted for crime in this jurisdiction to plead guilty, but very seldom does it happen that a prisoner who admits that he has been rightly accused is compelled to enter a plea of not guilty. Such an incident occurred here recently.

It was desired to make a test case in order to secure a ruling from the Appellate Court on a knotty legal proposition. A certain colored individual who was in the toils was selected to furnish framework for the issue. He was escorted into court for arraignment. Prior to that formality, however, the prosecuting officer took the precaution to remark: "Of course, you are going to plead not guilty." Such a plea was essential in order to take the matter before the higher court.

The response was a surprise and somewhat disconcerting, for the attorneys and the court were anxious to go ahead with the test proceeding. The prisoner declared: "I see guilty, an' I wants to be sentenced right here an' now." This deranged the program very decidedly.

It required the combined persuasive efforts of the prosecuting officer and the counsel assigned to represent the defendant to induce the latter to consent to plead not guilty. As he was led from the court room he shook his head dubiously and murmured: "I didn't want to do it, 'cause I see guilty all right. Don't know what they're up to, 'deed I don't."—Washington Star.

Philippine Schools.

The schools of the Philippines are steadily improving and are daily growing in popularity among the natives. The children themselves take the liveliest interest in the schools, in learning English.—Mailla American.

FOR HARNESS and Saddle Girths. Mexican Mustang Liniment is just what you need. It takes effect at once, and you will be astonished to see how quickly it heals sores.



It's this way:

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It gives immediate relief. Get a piece of soft old linen cloth, saturate it with this liniment and bind loosely upon the wound. You can have no adequate idea what an excellent remedy this is for a burn until you have tried it.

A FOWL TIP. If you have a bird afflicted with Roup or any other poultry disease use Mexican Mustang Liniment. It is called a STANDARD remedy by poultry breeders.

I have used Ripans Tablets with so much satisfaction that I can cheerfully recommend them. Have been troubled for about three years with what I called bilious attacks coming on regularly once a week. Was told by different physicians that it was caused by bad teeth, of which I had several. I had the teeth extracted, but the attacks continued. I had seen advertisements of Ripans Tablets in all the papers but had no faith in them, but about six weeks since a friend induced me to try them. Have taken but two of the small 5-cent boxes of the Tablets and have had no recurrence of the attacks. Have never given a testimonial for anything before, but the great amount of good which I believe has been done me by Ripans Tablets induces me to add mine to the many testimonials you doubtless have in your possession now. A. T. DeWitt.

I have been a great sufferer from constipation for over five years. Nothing gave me any relief. My feet and legs and abdomen were bloated so I could not wear shoes on my feet and only a loose dress. I saw Ripans Tablets advertised in our daily paper, bought some and took them as directed. Have taken them about three weeks and there is such a change! I am not constipated any more and I owe it all to Ripans Tablets. I am thirty-seven years old, have no occupation, only my household duties and nursing my sick husband. He has had the dropsy and I am trying Ripans Tablets for him. He feels some better but it will take some time, he has been sick so long. You may use my letter and name as you like. Mrs. MARY GORMAN CLARKE.

I have been suffering from headaches ever since I was a little girl. I could never ride in a car or go into a crowded place without getting a headache and sick at my stomach. I heard about Ripans Tablets from an aunt of mine who was taking them for catarrh of the stomach. She had found such relief from their use she advised me to take them too, and I have been doing so since last October, and will say they have completely cured my headaches. I am twenty-nine years old. You are welcome to use this testimonial. Mrs. J. BROOKHUIS.

My seven-year-old boy suffered with pain in his head, constipation and complained of his stomach. He could not eat like children of his age do and what he did eat did not agree with him. He was thin and of a saffron color. Reading some of the testimonials in favor of Ripans Tablets, I tried them. Ripans Tablets not only relieved but actually cured my youngster, the headaches have disappeared, bowels are in good condition and he never complains of his stomach. He is now a red, chubby-faced boy. This wonderful change I attribute to Ripans Tablets. I am satisfied that they will benefit any one (from the cradle to old age) if taken according to directions. E. W. FAYOR.

I want to inform you, in words of highest praise, of the benefit I have derived from Ripans Tablets. I am a professional nurse and in this profession a clear head is always needed. Ripans Tablets does it. After one of my cases I found myself completely run down. Acting on the advice of Mr. Geo. Bowser, Ph. G., 583 Newark Ave., Jersey City, I took Ripans Tablets with grand results. Miss BESSIE WIEDMAN.

Mother was troubled with heartburn and sleeplessness, caused by indigestion, for a good many years. One day she saw a testimonial in the paper endorsing Ripans Tablets. She determined to give them a trial, was greatly relieved by their use and now takes the Tablets regularly. She keeps a few cartons Ripans Tablets in the house and says she will not be without them. The heartburn and sleeplessness have disappeared with the indigestion which was formerly so great a burden for her. Our whole family take the Tablets regularly, especially after a hearty meal. My mother is fifty years of age and is enjoying the best of health and spirits; also eats hearty meals, an impossibility before she took Ripans Tablets. ANTON H. BLADENH.

A new style packet containing TEN RIPANS TABLETS packed in a paper carton (without glass) is now for sale at some drug stores—FOR FIVE CENTS. This low-priced sort is intended for the poor and the economical. One dozen of the five-cent cartons (120 tablets) can be had by mail by sending forty-eight cents to the RIPANS CHEMICAL COMPANY, No. 10 Spruce Street, New York—or a single carton (TEN TABLETS) will be sent for five cents. RIPANS TABLETS may also be had of some grocers, general storekeepers, news agents and at some liquor stores and barber shops. They banish pain, induce sleep and prolong life. One gives relief.

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