

dered sulphate of iron, 3 ounces; powdered mix vomica, 2 ounces; powdered gentian, 8 ounces; common salt, 3 ounces. Mix well. This powder is also a good tonic and may be used for the horse which is run down in health and condition.

CANNING VEGETABLES IN FACTORIES.

I would like very much to receive, through the pages of your papers, a receipt for canning corn and peas, as they are canned in the factory.

Man. R. S. H.
Cooking.—The preservation of vegetables by cooking them in sealed cases is dependent upon the destruction of all organic germs by the heat of the boiling and the perfect exclusion of air. An example of the simplest form is the canning of tomatoes. The fruits are scalded to loosen the skin, and then dipped in sieves into water, heated by the injection of steam, for one-half minute. They are then skinned and picked over, and passed into the steamer. Thence they fall into the hopper and are fed by the stuffer, a cylinder worked by a treadle into the cans. The filling of these is adjusted by boys, and they are sealed up. The cans are then boiled for two hours, then partially cooled, the air is let out by a pin hole, and they are immediately soldered up, and the cooling is completed.

Many other vegetables are canned in a similar manner. Those which have a green color lose it during the operation, by the destruction of the chlorophyll. The same remark applies to those dried by heat. The green color may be replaced by adding a solution of chlorophyll. It is supposed different canners have their own methods of treating vegetables and fruits, but these are kept secret. Of course vegetables may be canned at home, the following recipe having been used for years by one of our readers and found quite satisfactory:—

Clean and prepare the vegetable, peeled or cut as desired, and thoroughly sterilize it by boiling a few minutes in water containing a little salt. Seal them air tight by filling the jar completely full at the boiling point. Screw the lid down tight and stand the bottle upside down for a few days or longer.

ECZEMA IN FILLY

Filly, two years old, did not thrive well in winter though getting hay and about two quarts of oats twice a day. In the spring she got very weak, and the coat staring. We clipped her, and the skin was coated with dandruff-looking dust and little scales. We put her in a pasture, and she has improved some in flesh, but her body is covered with the scurf of little sores, much the same as appears on the heels of a horse when he has the scratches. What, in your opinion, was, or is, the matter, or the cause of it? The other colts are all healthy. What should I do?
G. R.

Man.
Ans.—Your filly is suffering from eczema. It is difficult to state the exact cause in this case, but probably it has followed some digestive disorder. Give her, in about three quarts of drinking water, morning and evening, a tablespoonful of Fowler's solution of arsenic. Keep up this medicine for two weeks, then discontinue for a week, then commence giving the same dose for another two weeks, then stop. Get the skin in a healthy condition by well grooming; be careful not to injure the sore spots. After grooming, apply Ichthyol ointment with the finger to all the sores once daily. Continue the use of this ointment until cured.

PIGS HAVE INDIGESTION.

What is the matter with my pigs? They have been fed on barley chop made in slop, and have had free run on pasture. They have never been weaned, and are now about two or three months old. Some of them are doing fine, and some are dry and scurvy and very itchy. They are scratching nearly all the time, and

not doing well. All my hogs are scratching more or less, and their skin does not look healthy. It is too dry. The old sows have been fed nothing but barley and grass for two years. Are hogs troubled with the itch? Can I do anything for these pigs?
D. E. C.

Ans.—The cause of the trouble with your pigs is an error in feeding, which has brought about a disturbance of the functions of the digestive system. Barley is excellent feed for swine, but may be fed in too large quantities, or continued too long without a change. It is very essential to the health of pigs that their diet should be changed, either by mixing the different grains in proper proportions, or occasionally feeding a different grain entirely. Roots, such as mangels, should be allowed when obtainable. In this case, it is advisable to make a complete change in their diet, allow plenty of fresh vegetables. Give well stirred in their slop with each feed, bismuth sub nitrate, 5 grains; salol, 5 grains. These doses are for each pig, and sponge their bodies with a solution of creolin, 1 ounce, to soft water, 1 quart. Also, see that they get plenty of exercise. Continue the treatment until recovery is apparent.

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