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Questions and Answers. Miscellaneous.

Corn Queries.

I have several acres of sod land that I have manured during the winter and am going to plough the manure under as soon as possible in the spring and plant to corn, and as I have a lot of twitch grass am thinking of planting in check rows three feet each way, planting with a hand planter.

1. How many kernels should I plant in each hill?

2. Would I be likely to get as good crop as I would if planted closer together, say three feet by 18 inches?

3. Would commercial fertilizer injure the young sprouts if dropped directly on the top of the hill immediately after planting?

H. J. C.

Ans.—1. If the seed tests well four should be enough. Some plant only three.

2. *Yes, on weedy land.

3. Put the commercial fertilizer on shortly before planting and cultivate in.

Piping Spring Water — Anchoring Fence Posts.

I have a spring flowing to my barn through 600 feet of one-inch pipe. It is choked somewhere in the upper section with rust. If I put three-quarter or half-inch pipe from the spring to about the centre and run it to the inch pipe, will it give satisfaction?

2. Will filling in around gate or anchor posts with cement prevent heaving by frost or strain of wire? How deep should posts be put in? What thickness of cement should be put around the posts?

3. How many cubic feet of good timothy hay are there in a ton? The hay has been well settled.

C. J.

Ans.—1. It depends on the amount of pressure from the spring. We believe you would have better results by putting the larger pipe first and the smaller last, if you desire to have two sizes of pipe through which to run the water.

2. Filling in around the posts with stone or cement will undoubtedly aid in holding them solid. The depth at which the posts should be placed will depend considerably on the nature of the land and the length of the wire to be attached to it. Anchor posts should be down about 5 feet, and six or eight inches of cement put around them should hold them in place.

3. It is generally considered that about 450 cubic feet of well settled hay will make a ton.

Lawn Rolling and Berry Planting.

1. I seeded lawn last spring and got a fine catch, used a mixture which you recommended. What time of the year would rolling a lawn give the best results? Any other suggestions in the way of improving the lawn will be much appreciated. While it looks quite level, it does not seem very smooth when running the mower over it. It was just graded before seeding.

2. Have an old strawberry bed which is a mass of weeds, mostly couch grass I believe. What would you suggest using the ground for this coming summer? Soil is sandy loam, clay subsoil.

3. What style roof is considered best for a hen house? What height walls and what kind of floor? What would you think of a concrete floor, said floor to be about a foot above the ground? Ground is very level so would likely be damp.

4. Give a few pointers on setting out raspberries, filling in, etc.

J. B.

Ans.—1. Roll with a heavy roller fairly early this spring or before the land gets too dry after a rain.

2. If you can work the twitch out early in the season why not plant to potatoes?

3. Either a shanty or double pitch roof is all right according to circumstances. Make the height to suit your convenience but, of course, it does not require to be higher than that height at which one can move about in it with ease. A concrete floor is all right.

4. Prepare the soil well. Manure heavily. Plant in rows 6 to 8 feet apart and from 3 to 4 feet apart in the rows. Put in as early as possible and cut back well.

Ewe has Discharge From Nostrils.

One of my ewes has difficulty in breathing and there is a discharge from her nostrils. She has been in this condition for over a month.

2. Will green cedar boughs fed to sheep kill the ticks on them?

C. G.

Ans.—If the sheep was suffering from catarrh there would be a discharge from the nostrils, a cough, and the eyes and lips would be sometimes gummed together with a yellow secretion. The patient becomes dull and uneasy. Keep the sheep in well ventilated quarters, give 4 to 6 ounces of raw linseed oil, and steam the nostrils. If the appetite is lost, drench with boiled flax seed or milk and eggs. Place one dram of nitrate of potash well back on the tongue four times daily. Grubs in the head will cause the patient to become dull and uneasy and there will be a discharge from the nostrils. We believe that your ewe has catarrh or a bad cold and keeping her in comfortable quarters and applying the treatment above mentioned will bring relief.

2. We cannot see how the cedar boughs would destroy the ticks, and besides the cedar leaves or needles would get into the wool.

Pigs Dying — Hens Eat Eggs — Crops for Hog Feed.

I have a bunch of pigs which did splendidly until a week ago when they seemed to have difficulty in breathing. Three of them have since died. I gave them two doses of castor oil. What would cause this trouble?

2. What can I do to prevent hens eating their eggs? They are running loose in the barn and have a good supply of feed and grit.

3. What is a recipe for adding color to butter?

4. What are the best kinds of roots to grow for hogs?

5. Would a mixture of oats, barley and peas be a good crop for feeding hogs? What quantity of each should be sown per acre?

P. J. C.

Ans.—1. The symptoms are something like those of pneumonia, which may result from a severe cold or be brought on by over-exertion. Prevention is about the only thing that can be done. Comfortable, well-ventilated quarters and a light, sloppy diet are important. Daily doses of castor oil would help keep the bowels right. Treatment is not very satisfactory.

2. This is a habit which is very difficult to remedy. Once the birds start eating their eggs, little can be done towards stopping them. Darkening the nests is believed to be about the best remedy.

3. There are special extracts on the market for coloring butter. The directions for using are on the bottle, the amount depending on the depth of color desired.

4. Mangels or sugar-beet mangels are considered better than turnips.

5. Oats, barley and peas make a very good mixture. A bushel of oats, one of barley and 2 pecks could be sown.

Veterinary.

Ringbone.

Six-year-old horse has sets on his hind feet. They are quite large all around the leg between the fetlock and the coronet. He is lame in one foot.

L. W. K.

Ans.—While we are not sure what you mean by "Sets on his hind feet", from the symptoms you give we conclude that they are ringbones. It will not be wise to interfere with the leg on which he is not lame. The ringbone of the lame leg should be fired and blistered by a veterinarian. This will probably remove the lameness, but no treatment will remove the enlargement.

V.

It is very interesting to note the prices that have been paid for sugar beets throughout the American continent the past year. They are as follows: State of Utah, \$7.00; Idaho, \$7.00; Colorado, \$7.24; Ohio, \$7.27; California, \$7.52; Michigan, \$8.16. All of the other States in the United States \$7.28 per ton. In Canada the average price per ton paid for sugar beets in 1917 was \$8.73. It will thus be noted that the Canadian price for beets was 57c. per ton higher than the highest price paid in the United States and \$1.73 per ton higher than the lowest price paid in the United States for the past year.



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