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Questions and Answers. Miscellaneous.

Book on Pig Raising.

What is a good book on pig feeding?

J. B.

Ans.—"Productive Swine Husbandry," by Day, is as good a book as we know of and can be purchased through this office at \$2.25.

Cow Failing in Flesh.

A cow freshened a month ago and appeared to be all right until a week ago, when she commenced losing in flesh and developed a poor appetite. What is the cause?

G. C.

Ans.—It is possible that she did not clean properly, and this has poisoned the system. If so it may take months for her to regain normal condition. There may be some other trouble which an examination might reveal. If a veterinarian is handy it is advisable to call him to examine the cow. Otherwise give 1½ pounds of Epsom salts in a quart of water. Feed well and keep her comfortable.

Cows Do Not Show Oestrus.

Is there anything that will bring a cow in heat? I have some cows that did not come around last summer, and I milked them through the winter. Through the winter they came around at different times, but now again when I want to take them to the bull they do not show any signs of oestrus. They are in good condition and look well.

E. A. K.

Ans.—Little can be done. Possibly the cows do not show oestrus plainly, and turning the bull in the yard with the herd for an hour or two each day may have the desired results.

Permanent Pasture.

What is the best combination of seeds to sow for permanent pasture? I wish to prepare the soil this summer and sow to ryegrass this fall. I want sweet clover in the mixture. How many cows should 12 acres pasture through the grass season? Will sweet clover grow when fall sown? How would oats and sweet clover do for milk production?

A. W.

Ans.—The mixture recommended for permanent pasture on fairly high land is orchard grass 4 lbs., meadow fescue 4 lbs., tall oat grass 3 lbs., meadow foxtail 2 lbs., white clover 2 lbs., alsike 2 lbs., Kentucky blue grass 4 lbs., timothy 2 lbs., alfalfa or red clover 3 lbs. Some of these grasses are hard to get at the present time, and sweet clover may be added. This is a biennial plant, but enough goes to seed while in pasture to give a stand the next year. Sweet clover may be sown in the fall, but we would prefer sowing this mixture in the spring. Oats and sweet clover should make a very good combination, as we find the cows do well on this pasture.

Registering a Clydesdale.

1. I have a pure-bred Clydesdale mare. I bred her to a Percheron horse this spring. If I breed her back to a Clydesdale horse next year may I have that colt registered?

2. How many crosses of imported Clydesdale stock must I have before I may have them registered?

3. If in these crosses I bred one mare to a Percheron horse must I start to breed over again?

4. How many crosses of imported Percheron stock must I have before I may have them registered?

5. What is the best cure for sore shoulders on colts and on work horses?

6. How can I prevent sore shoulders on colts?

Q. S. S.

Ans.—1. We believe so.

2. Four crosses for mares and five for stallions.

3. Yes, the first mare is considered as foundation stock.

4. So far as we are aware there is no grading up in the Percheron breeding. In order to have an animal registered it must trace to registered stock.

5. Some of the commercial gall cures give good results. Bathing the shoulders and applying a white lotion composed of 1 ounce acetate of lead and 6 drams of sulphate of zinc to a pint of water has been found to give results.

6. By gradually accustoming the colt to work, bathing the shoulders with salt water, airing the shoulders by lifting the collar on warm days, and by having a proper fitting collar.