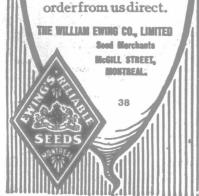
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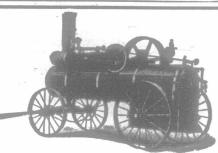


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Questions and Answers. Miscellaneous.

Cow Sucking Herself.

Can you suggest a remedy for cow sucking herself, or if any appliance can be had to prevent her doing so?

X. Y. Z. Ans.-The following device is quite effectual. Secure a brass bull-ring, and on it hang two ordinary harness-rings. Then insert it in the cow's nose as you would ring a bull. When she attempts to suck, the rings will get into her mouth. Try a common bridle bit in her mouth. Make it fast by attaching a cord to her horns.

Cement and Seeding Queries.

1. How much gravel and cement will it take to lay the walls and floor of a hogpen 20 x 36 feet, wall to be three feet above ground and eight inches thick?

2. How long would it take two men to lay the same?

3. I have a field of wheat sown on timothy sod. Would it be considered good farming to seed it again with

1. If seeded with clover alone, how much would you sow to the acre?

5. Which is the most profitable kind of clover to sow, alsike, common red, or mammoth red?

6. Can you grow more tons per acre of the mammoth red?

Ans.-About two cords gravel, and between ten and twelve barrels of cement for a three-foot wall, and about two cords of gravel and twelve barrels of cement for the floor.

2. We cannot say.

3. If the land is in good condition, and all sod rotted, you might get a good catch. It would be a rather short rotation, but the clover would do the land good.

4. From eight to twelve pounds. The thicker the seeding the better the chances of a good stand.

5. Usually common red when grown for hay.

6. Not as a general thing. Cement Work-Ventilation and buiding Queries,

1. What depth of material would be needed for cementing stable floors with good clay bottom?

2. How much footing would you advise for 8-inch cement-block wall?

3. About how many windows would you put in a dairy barn 60 x 33 feet, windows running up and down '

4. What make of gasoline engine would you advise getting, being about a one or two horse-power?

5. What is the best way of letting fresh air into the stable?

6. Is wood or cement the best floor for a poultry house?

A SUBSCRIBER. Ans.-1. Four inches will be thick enough with an ordinary strength of

concrete. Use one to eight for bottom, and one to four for top. 2. This will depend on the magnitude of the building, but you will have to go below the frost line for depth, and it is

advisable to allow 18 to 20 inches in 3. Three square feet of glass per cow is considered good lighting. The size of the windows would determine the number largely, but there should be at least

six windows on the side. 4. Any make of engine advertised in

these columns is good. 5. The King System is illustrated on page 588 of the March 26th issue. The Rutherford System varies from this in that the outlet flue starts from the ceiling and extends straight up through the building. The air enters near the floor in this case, but a modification in vogue empties the air into the stable about 12 to 15 inches above the floor. In some huildings the upper sash of the window is so hung that it will open in and divers the air upwards over the top of the stable. Perhaps the manner of admuting the air near the floor is easiest

arranged, and as satisfactory as any. 6. We are partial to cement when well covered with chaff, and dry. Wooden floors harbor vermin.

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