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Collie Dogs.

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Shorthorn Cattle, Yorkshire Hogs—Present offering: Lambs of either sex. For prices, etc. Write to **John Cousins & Sons** "Buena Vista Farm," - Harriston, Ont.

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Are as good as the best, because they combine the bloods of the following noted sires:—M. G. Champion 20102, Champion boar at Toronto, 1906; S. H. Jack, Imp. 28515, Champion boar at Toronto, 1908, 1909, 1910; and S. H. Romeo 27th, 24553, is the peer of them all.

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Sows bred, others ready to breed; boars ready for service: 200 from six to twelve weeks old, both sexes, pairs not akin. All breeding stock Imp. or from Imp. stock. Prices reasonable.
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CHESTER WHITE SWINE
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Bred from the prize-winning herds of England. A choice lot of young boars fit for service and also young sows bred, and also a choice lot of young bulls and heifers sired by Proud Loyalist (Imp.) from choice cows. **Chas. Currie, Morrison, Ont.**

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Joseph Featherston & Son, Streetsville, Ont.

Mention this Paper

Questions and Answers. Miscellaneous.

No Name.

A subscriber at Milton West, Ont., sends a query with a dollar enclosed for private reply, but neglected to sign his name. Please forward name immediately.

Heifers Do Not Breed.

I have two heifers, one nearly two years old, and the other about one year and a half. They have been bred several times, but do not get with calf. I notice they breed every time they come in heat. A veterinarian told me he did not think they would ever get in calf, but could not tell me what the trouble was, so I am writing you for your opinion. I have never had this trouble with any of the rest of my stock. E. F.

Ans.—It is possible that the heifers do not conceive because of closure of the neck of the womb. If so, a veterinarian could open this, or a good handy stockman could do it, after which the animals should be bred. If they have disease of the ovaries nothing can be done, and it would be advisable to fat them. After the neck of the womb is opened, try the yeast treatment. Take an ordinary two-cent cake of yeast and make it into a paste with a little warm water. Allow this to remain in a moderately warm place for 12 hours, then add one pint of lukewarm, freshly-boiled water; mix, and allow to stand for another 12 hours. Prepare this mixture 24 hours ahead of the time the cow is expected to come in heat, and inject it into her vagina the moment she is seen to be in heat. Breed her just when she is going out of heat.

Silo Queries.

I have seen a good deal about silos in "The Farmer's Advocate" for the past number of years, also have seen therein advertisements of silos for sale of different designs and have become interested, but I am at a loss to know what kind would suit my locality, it being pretty cold here in winter. I am going to ask you a few questions. Possibly they have been asked and answered before. Our barns here are frame, with stone basements for stabling underneath.

1. Would a silo built entirely of field stones and lime mortar be preferable to one built of cement concrete, on account of less frost going through it?

2. All things considered, which would you prefer to build, outside of barn or inside?

3. Is a silo more suited for dairying than for beef production? How does it compare with roots, such as turnips and mangels?

4. Does it injure silage to become frozen? They tell me some cement silos freeze in a foot or two.

5. What size would you recommend on a 150-acre farm? We keep from 30 to 40 head of cattle.

6. Does a cement concrete silo absorb any of the good of the silage? R. W.

Ans.—We have never seen a stone silo. We think such a building almost out of the question. In the first place it would be too expensive. Stop-wall cement silos have walls tapering to six or eight inches thick at the top. This would be impracticable with stone. Besides, the cement is stronger. It would require a very thick stone wall to be effective, and we do not think stone practicable at all.

2. Outside.

3. A silo is almost equally valuable for beef and dairy production. Its chief value over roots is the cheapness of cultivation of the crop and the much larger amount of feed produced per acre. A few roots are valuable to feed with it.

4. It does injure silage to become frozen. At Woodville we have a cement silo, but have little loss from freezing. Some of the special silos advertised in these columns are claimed to be even more effective against frost. In feeding out, it is always well to keep the outer edges slightly lower than the center.

5. A silo 14 feet inside diameter and 10 feet high, would be a good size. This is a big silo, and would feed from 30 to 40 head of cattle, if filled to capacity with good silage.

6. Not necessarily. The inside of cement silos is generally washed with a strong cement plaster.



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