

Questions and Answers.

Miscellaneous.

Selling Property.

A and B are two real-estate agents. A is the real-estate company's representative or salesman, and B the local agent. These have sold property to C, promising to re-sell that property again in two years for \$1,000 more, but this has not been included or written in the agreement. Can C compel A and B to sell that property, C having several witnesses that A and B promised to do so? If so, what steps should be taken?

Ans.—Not likely.

Leucorrhoea.

Would you please give through the columns of your valuable paper how to treat a mare afflicted with whites or leucorrhoea.

C. B. A.

Ans.—Leucorrhoea is a chronic disease of the womb difficult to treat. It is generally advisable to get a veterinarian to treat. If you decide to treat yourself, flush the womb out with a two-per-cent. solution of zenoleum, or phenyle, heated to about 100 degrees F., and about two gallons injected into the organ with an injection pump. Feed well and give a tonic of one dram each of sulphate of iron, gentian and nux vomica three times daily. Patience and perseverance are necessary to effect a cure.

Material required for Barn Wall and Silo.

1. How much stone, gravel and cement will it require for a barn wall 60 feet long, 30 feet wide, 9 feet high, and 1 foot thick?

2. In what proportions should the concrete be mixed?

3. How much concrete will be required to floor the same?

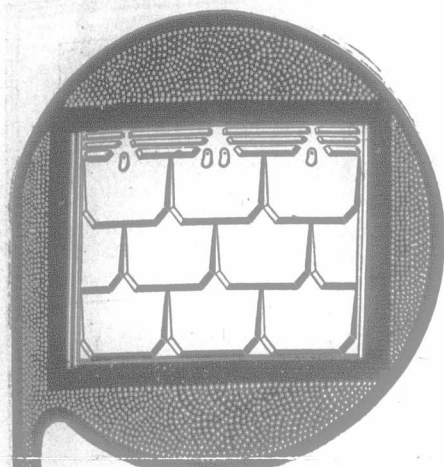
4. How much material is required to build a silo 14 feet by 30 feet?

L. S.

Ans.—1 and 2. To build the wall proper, it will require 180 bags of cement and 11 1/2 cords of gravel, with concrete mixed in the proportion of 1 to 2. No mention is made in the query of the number of doors and windows, so these spaces should be deducted from the actual contents of the barn wall, which are included in the 180 cubic feet of cement and 11 1/2 cords of gravel. Small stones are often used as a filler, but it depends very much upon the workmen how much of this filler is used. Whatever quantity of stones may be used in this wall, that amount will also be deducted from the amounts of gravel and cement required for a proper foundation for a wall such as this, it will require 60 bags of cement and 3 1/2 cords of gravel, and from this again any rough filler which may be used should be deducted from the total.

3. Regarding the floor, no definite amounts can be given, as they will vary with the arrangements of the stable, urbs, gutters, mangers, etc. These should be figured separately, but if a floor 4 inches thick of rough concrete are placed over the entire ground space, would require 70 bags of cement and 4 cords of sand and gravel. This could be mixed in the proportion of about 1 to 7 1/2 or 8. A 3-inch coating of mortar-cement would require 37 bags of cement and 7 1/2 cords of gravel, and 7 1/2 cords of cement and 7 1/2 cords of gravel. This is the quantity required when one part of cement is mixed with two parts of sharp sand. The construction of gutters, mangers, posts, etc., could alter these estimates somewhat.

4. A silo should be built upon a foundation which should extend below the frost line. From 18 inches wide at the bottom to 15 inches at the top is a safe thickness for such a foundation. We have calculated it to be 2 feet in the ground, and the material to be mixed in the proportion of 1 to 9. This would require 11 bags of cement and 99 cubic feet of gravel. The silo itself, which should range from about 10 inches wide at the bottom to 6 inches at the top, would require 102 bags of cement and 4 cords of gravel. This would be mixed in the proportion of 1 to 8. It will also to floor the bottom of the silo over with about 2 inches of concrete surfaced over with a cement wash. This would require 3 bags of cement and 2 cubic feet of gravel.



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Questions and Answers.

Miscellaneous.

Salary to School Trustee—Interest on School Funds.

1. Can the public-school trustees of a rural-school section vote themselves or their secretary-treasurer, who is a trustee, a salary for ordinary work of a school section?

2. Who should receive the interest on money deposited in a bank—trustees, for their own private use, or should it be credited to the school section?

Ontario. A SUBSCRIBER.

Ans.—1. We think not.
2. The interest on money in the bank belonging to the Board of Trustees is the property of the trustees as such, and cannot legally be appropriated to their private use.

Holes in Butter.

Please tell me the cause of and how to prevent holes appearing in butter after it is put into prints. I churn usually at 62 degrees, and sometimes at 59 degrees and 60 degrees, but it seems to make no difference. E. M.

Ans.—It appears that the holes in this butter result from insufficient working. It has probably been churned at too high a temperature, and body is lacking in the butter, which makes it difficult to work. No temperature can be mentioned that will apply to all qualities of cream, but it should be possible to churn at a temperature between 54 and 58 degrees in summer. The lower the temperature the more body there will be to the butter and the better it will stand working. This cream should be churned at a lower temperature, and the butter more thoroughly worked.

Concrete Floor in Cellar.

1. I intend to put a concrete floor in my cellar, which is 26 x 34. What thickness should concrete be?

2. How much cement, sand and gravel will be required?

3. In what proportions should they be mixed?

J. B.

Ans.—1. As a general thing, three inches will be sufficient thickness.

2 and 3. Make the foundation dry by putting down a few inches of fine stone, broken brick, or any coarse material that will afford drainage. Next, lay 2 1/2 inches of concrete mixed in the proportion of 1 to 6, and finish with half an inch of cement mortar mixed in the proportion of 1 cubic foot of cement to 2 cubic feet of sand. The first-laid concrete would require 30 1/2 bags of cement and 1 cord and 25 cubic feet of gravel. The mortar finish would use up 9 bags of cement and 27 cubic feet of sand.

Cement Cistern.—Alfalfa.

1. Enclosed find diagram of hog-pen. It is 16 x 40. We are building a cistern under one end of the hall. It is on a slope of ground which will leave the wall at the cistern about three feet above the ground on two sides, which will be at outside. Do you think a ten-inch wall will be sufficient to prevent it from freezing, or would it be better to build a thin cement wall inside. If so, how would you advise putting the forms in so as to get them out after the cement sets, or would you put one in lumber and leave it there?

2. I sowed a field of alfalfa last spring. It is getting a great growth. Would you advise cutting it, or let it be? If it is left, will the top smother it out in winter, or will it protect it?

SUBSCRIBER.

Ans.—1. It is not likely that the water would freeze much. We have an outside tank at Weldwood several feet above ground with a lighter wall than this, and it doesn't freeze to damage. Be sure to plaster your cistern wall with strong cement. You might bank up around it if you were afraid of frost injury.

2. Sometimes it is necessary to cut. If not too rank, pasture lightly, provided the ground will carry the stock without punching. Do not pasture close. If cut, do it right away, and cut high.

"What's the trouble at Wombat's house?"
"Wombat accuses his wife of using dum-dum biscuit."

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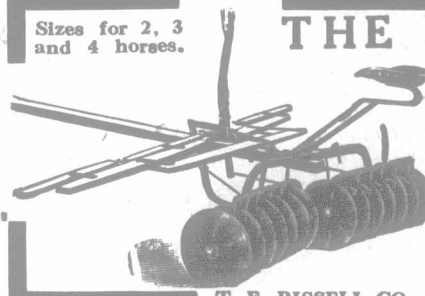
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Send for Pedigree and Photo.

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J. W. Richardson, R. R. No. 2, Caledonia, Ontario

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M. L. HALEY, M. H. HALEY, Springfield

OURVILLE HOLSTEINS As we have 30 daughters of Royalton Canary Alban in our herd we are offering him for sale. Two of his sisters, his dam and 4 of her sisters average for the 8

cows 106 lbs. milk per day.
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Brampton Jerseys We are busy. Sales were never more abundant. Our cows on yearly test never did better. We have some bulls for sale from Record of Performance cows. These bulls are fit for any show ring. B. H. BULL & SON, BRAMPTON, ONTARIO

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