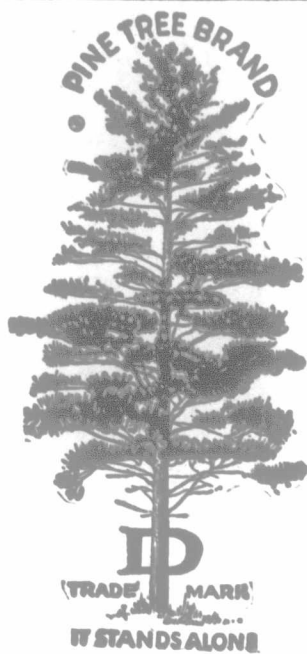


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Questions and Answers. Miscellaneous.

Feeds for Hogs.

1. Which would you prefer feeding hogs that are confined to a pen, rye and oat chop, or rye and shorts, and in what proportion?
2. To where would a person write to have pigs registered?
3. How nearly pure-bred would a sow have to be before she could be registered?

M. A. P.

Ans.—1. Rye meal compares favorably with barley meal as a feed for swine. Shorts is a feed which is highly recommended for pigs. Oats is also an excellent feed, but there is the objection of too many hulls unless they are finely ground. The proportions in which to feed the rye and oats or rye and shorts will depend somewhat on the age of the pigs. We would not care to feed young pigs too heavily on rye, but the amount could be increased until they were getting 50 to 60 per cent. rye for finishing.

2. If you have the registration number of the sire and dam you could have the pigs registered by writing John W. Brant, Accountant National Live Stock Records, Ottawa.

3. A sow must be registered before her progeny can be registered.

Silo for Small Herd.

1. What size of silo would you advise me to build to feed four head of cattle for twelve months?
2. How many acres of corn would I require to fill the silo?
3. Is silage good feed for brood sows and horses?

A. D. F.

Ans.—1. It would not take a very large silo to hold sufficient feed to feed four cows the entire year. It is scarcely practicable to build a silo less than 10 feet in diameter, although some have built them as small as 8 feet, and they should be 25 or 30 feet in depth. The greater the depth, the more firmly the silage goes together and the less the waste. A mature animal could be fed 30 to 35 lbs. of silage per day. This would mean that about 125 lbs. would be taken off each day for twelve months. This would mean about 23 tons for the year, at this rate of feeding. A silo 10 by 30 feet would hold approximately 47 tons. Thus it will be seen that one 10 by 30 will hold almost double what you would require. An 8-foot silo would be large enough for your herd.

2. It would depend on what kind of a crop you got. Three acres of an 8-ton-to-the-acre crop would give you about all you would require, and it would about half fill a 10 by 30-foot silo.

3. One must be very careful in feeding silage to horses. Brood sows do very well on it.

Re-foresting—Hot-bed.

1. Are beans cross-pollinating?
2. Does the Government supply trees for re-foresting purposes free of charge?
3. How is a hot-bed constructed?

S. M.

Ans.—1. We understand that beans do not cross-fertilize.

2. Certain varieties of trees may be secured from the Forestry Department, Parliament Buildings, Toronto. There is no charge other than paying the express on the trees.

3. In constructing a hot-bed it is necessary to build a frame the size required and have the top arranged so that the glass will slope to the south. This means that the back of the frame, which is to the north, will be eight or ten inches higher than the south side of the frame. It is well to excavate a little of the earth and then put in about ten or twelve inches of manure which will heat readily. Four or five inches of leaf-mould or compost is put on top of this. It is also advisable to bank around the frame with manure. The heating manure in the frame generates heat to force growth. After the seeds have germinated, it will be necessary to provide sufficient ventilation in order to prevent the trouble known as "damping off." This may be done by raising the sash a little. During the middle of the day when the sun is shining brightly it might be advisable to cover the sash with cotton. Care must be taken to give the plants sufficient moisture and yet not overdo it.



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Weakness and Their
Little Bowel Troubles.

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