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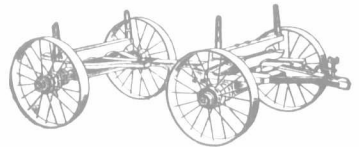


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Orillia, Ontario

## QUESTIONS AND ANSWERS. Miscellaneous.

### PLANTING MANGEL SEED.

Would a corn-planter (check rows) successfully plant mangel seed, or would it have to be especially made for the purpose?

OLD SUBSCRIBER.

Ans.—Some manufacturers claim that their particular planter will successfully plant mangel seed, but we have never seen it tested. It might be tried on a few rows as an experiment.

### FODDER CROP—COW.

1. Please advise what crop to sow to make green feed for milch cows during the summer months, and about how far apart for each sowing?

2. Kindly give any information regarding the Ayrshire cow, Nellie Osborne?

A. J. D.

Ans.—1. As an annual pasture crop, 51 pounds of oats, 30 pounds of Early Amber sugar-cane, and 7 pounds red clover, sown early in May, makes a good pasture to turn on about July 1st. For a soiling crop, a mixture of peas and oats is good, and, of course, corn, as soon as it can be had, is one of the best fodders known. Two or three sowings of oats and peas at intervals of two or three weeks, should be enough to carry the cattle until corn is ready for use.

2. Nellie Osborne 5358 was an imported cow, sired by Lessnessock (2187). She was first-prize aged cow and grand champion female at the World's Columbian Exposition, Chicago, in 1893. She was a great show cow, and a good breeder.

### MISCELLANEOUS QUERIES.

1. Would it be possible to operate a pump and engine on a bank 125 or 150 feet from the water, instead of having them near the water? Could some means be devised to enable the pump to draw it that far?

2. After having levelled and seeded a lawn last fall, am inclined to believe that I didn't get a very good catch of seed. Which would be the best way to make it a first-class lawn this spring? What would be the best kind of seed to sow?

3. Intend planting a spruce hedge this spring. Which is the best way to plant it to insure success? About when should it be planted? To make a windbreak, how far should the spruce trees be planted apart?

4. How should gooseberries and currants be trimmed in the spring? Will hoeing around them do them harm? One writer says it will.

5. After plowing up a strawberry patch after crop has been harvested, what do you consider the best or most paying thing to plant or sow? Kindly mention a number of things one might produce.

W. S.

Ans.—1. Yes.  
2. Rake in a good seeding of lawn-grass mixture; equal parts by weight of red top, white Dutch clover, and Kentucky blue grass, sown thickly. For quick work, to make a good lawn, there is nothing like sodding.

3. Some get very small trees and grow them in a nursery row for a year or two; others get larger trees and plant them in their permanent position at first planting. Either gives good success as the spruce is not a hard tree to grow. There are various distances apart to plant. Some place the trees in one row about six feet apart; others use two rows about ten feet apart, with the trees alternating about eight feet apart in the rows. Would not plant the trees too close together, as the limbs die off at the bottom when they get large.

4. Cut out all dead wood. Leave a number, usually from four to eight, healthy stocks. Cut out all wood over three years old. The best fruit is obtained from year-old wood, but some older wood must be left to insure production. The cross-section of the trunk must be clean and three-year-old wood. All that is necessary is to keep the shoots healthy and discard all sickly or dying ones. Hoeing around them should improve them.

5. A potato crop would be profitable to grow the soil. A crop which permits enough cultivation is necessary, as the soil is usually more or less grassy.



## The Feed That Makes The Cream

Livingston's Oil Cake is the cheapest feed for cows—cheaper than corn, shorts or even hay. Because it actually increases the richness of cream—and also increases the amount of butter that you get out of the milk. Test your cows before and after feeding Livingston's Oil Cake for a month—and your "butter money" will show its economy.

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Brand Oil Cake  
BADEN, ONTARIO



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### This STEWART BALL BEARING MACHINE No. 9

is just the easiest of all shearing machines to turn. A boy can run it all day without tiring. It is ball bearing throughout, including a ball bearing shearing head, shears quick and evenly all over. The price including four sets of knives is only \$15.75. It is really a wonderful machine and you will be agreeably surprised at the work it does.

Get your dealer to send now, or if you prefer send \$2 and we will ship C. O. D. for balance and you may try the machine and if not satisfied we will refund all you paid out. Send for copy of new 1913 catalogue and Expert Instructions on shearing sheep.

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10 choice cows and heifers for quick sale. Good tests, heavy producers, high test. Prices low considering quality. **WILLIAM T. CRN, Trout Run Stock Farm, Lynedoch, Ont.** Phone in house.

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