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suit you. I am exceedingly well satisfied after 2½ years' experience.

Steel on the Grande Prairie branch of the E. D. & B. C. is expected to reach Grand Prairie townsite this month (March), and may be projected westward through Beaverlodge neighborhood this summer, though that is still quite problematical.
W. D. A.

I saw a piece you had written in "The Farmer's Advocate," and I thought I would like to write to you and see if you could tell me if there are any good homesteads to take there yet. Is the winter very cold? Is there any railroad near where you are?
Bruce Co., Ont. J. A. D.

Ans.—Our average winter temperature is not extreme, though we are subject to cold spells, especially in January. There are still a few fair homesteads in Grande Prairie, and many more in other extensive areas of the country. Steel is expected to reach Grande Prairie city (30 miles east of Beaverlodge) sometime this month. It is already (March 3) laid half-way down from Spirit River settlement (60 miles north of Grande Prairie).
W. D. A.

Questions and Answers. Miscellaneous.

Breeding Age of a Cow.

To what age will a Jersey cow breed if she is in good health and condition, and has a good mouth? **SUBSCRIBER.**

Ans.—We cannot say definitely, as it may vary with different animals. There have been cows eighteen or nineteen years old, and possibly older that bred regularly.

Filly Has Worms.

I have an eight-months-old filly which I have fed well on good hay and rolled oats, and given her a large box stall to run in. To-day I noticed she passed white worms 6 or 7 inches in length. She is thin and rough. What would you advise to give her?
S. C. W.

Ans.—Take 4 drams each of sulphate of iron, sulphate of copper, tartar emetic and calomel. Mix and make into 12 powders. Give a powder every night and morning, and when the last has been given, give six ounces raw linseed oil.

Calf Losing Hair—Lump on Calves' Jaws.

1. I have a calf about 6 or 7 weeks old which is losing all its hair. I have 3 of them in the pig-pen, and feed them skim-milk and hay.

2. Two of the above calves, and one which is tied in the cow stable, have lump jaw. Can you give me the cause and remedy?

3. I cut down a big willow tree in front of my house about four years ago, and the shoots grow from the stump every year. How can I kill this without digging up the stump? **A. S.**

Ans.—1. Symptoms would point to some parasite working on the body of the calf. Isolate the calf affected and whitewash the premises in order to prevent the spread of the parasite, as it may be contagious. If there is a scurf on the body of the calf, moisten with sweet oil to remove it, then dress the parts affected with tincture of iodine daily until cured.

2. It is rather singular that a number of calves should be affected the same way. Without a personal examination it is rather difficult to say just what the lumps are due to. We are inclined to think that the growths are tumors rather than lump jaw. If they are tumors they could be dissected out, the wound stitched, and then dressed three times daily until healed with a five-per-cent. solution of carbolic acid. If on opening the lump it is found to contain pus, all that will be necessary is to flush out the cavity three times daily, with the carbolic acid solution, until healed. We would advise having your veterinarian examine the lumps. If it should be lump jaw, the cause and cure is discussed under that heading in the question and answers column of this issue.

3. The willow is a very persistent grower, and we know of no satisfactory method of preventing the shoots from growing, except by girdling the stump near the ground and cutting off any new growth as soon as it appears.

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D. DOUGLAS & SONS, R. R. No. 4, Mitchell, Ontario

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