



Posch Queen Wayne, Champion Holstein of the Prairies.
Her yearly R.O.P. production of 783 lbs. of fat and 20,663 lbs. of milk makes this cow the dairy queen of the Prairies. She is owned by P. Russell and Sons, Alia, Alberta, and her milker during the test, Miss Russell, is seen in the illustration. The feeding methods that made this record possible are described in the article adjoining.

The Feeding of Posch Queen Wayne

John Russell, feeder at "Airlie Mains," Alia, Alberta.

PREVIOUS to 1915 nothing was done in the way of testing with our herd. The cows were allowed to run on the prairie during the summer and in the fields at the straw stacks, after threshing in the fall, until the snow set too deep. Consequently when we decided to test, they were not in very good shape. Posch Queen Wayne was looking as well as any of them, however, although she had not been fed any grain or meal of any kind. She freshened on the 8th of November, 1915, and commenced her test on the 10th. She never exceeded 80 lbs. in a day and in only two of the months, December and January, gave over 2,000 lbs. But she was very persistent, holding steady at 1,500 lbs. (or a little over), during the following six months and giving an average of 1,500 lbs. a month for the remainder of the time.

Posch Queen Wayne was started at four lbs. of grain a day, which was systematically increased until she stopped going up in her milk. One pound of the following mixture for every four pounds of milk was given: 200 lbs. ground oats, 50 lbs. ground barley and 100 lbs. bran. To this was added in each feed, after her allowance was weighed out, one-quarter pound ground flax seed (not oilcake meal; we ground it ourselves). The system for each day during the winter was as follows:

Morning at milking time (between five and six a.m.—grain; after milking—hay; nine a.m.—watered and then fed two pounds bran and one

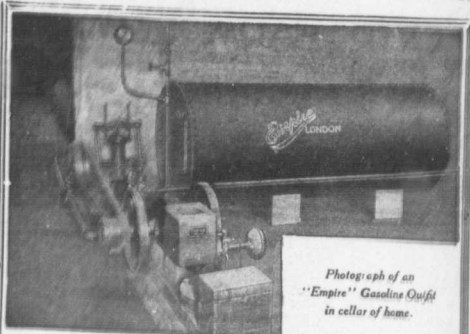
sheaf green feed; one p.m. at milking—grain; after milking—hay; five p.m.—two pounds bran and one sheaf green feed; seven p.m.—watered; nine p.m. at milking—grain; after milking—hay.

As soon as the grass got well started she was turned out with the other cows and the bran and linseed were stopped. From June 1st until July 12th she got no grain of any kind. From July 12th until the end of the test, nine pounds of ground oats were given each day. When the nights began to get cold in the fall she was stabled at night and given a sheaf of green oats or some kale, with a little hay to pick over. No roots or ensilage were fed. Owing to the scarcity of labor, roots are out of the question and even in our section nearly always gets frozen before it amounts to anything. I believe they are now making ensilage at the Lacombe Experimental Farm from oat and peas.

You may wonder why bran and a sheaf of green feed was fed at ten a.m. and at five p.m. The reason was that the cows were turned out to go down to the water tank, and (before being put on test) were used to staying out all day, and so would not come back. I had to go after them thus wasting considerable time. They were given this bran as a coaxer and it had to be kept up.

I turn out two cows at a time. While they are gone, I clean out the mangers and stalls, put down fresh bedding, give bran and sheaf oats. By that time the cows are back. Another two are turned out and so on. Every thing works well this way and no time is lost. As to the five p.m. feed, I thought it would be better to divide up the afternoon the same as the fore-

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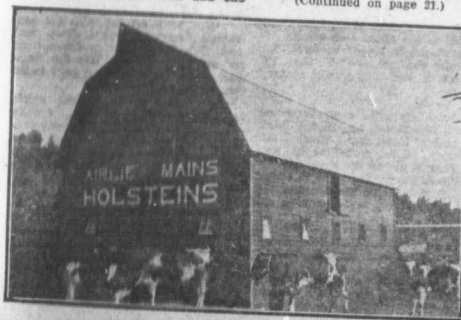
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At "Airlie Mains," the home of Posch Queen Wayne.