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How a Young Farmer Broke Into Pure Breds

(Continued from page 7.)

without any trouble in feeding. The cows can usually be sold in the fall for within about \$10 of the price paid for them in the spring. Mr. McPhee pointed out one calf which had been raised on some whole milk and calf meal. Compared with the calves that have been on these nurse mothers for the summer, this one looked a very dwarf.

In the same way the heifers and mature cows are given all they can digest, no matter what the cost of feed may be. Roots are grown for early winter feeding and 20 acres of corn is grown for the winter feeding of the 50 head of cattle (including young stock) in the stable this year.

Mr. McPhee is endeavoring to build up a herd of stock which will show refinement and quality. At the time of his dispersion sale he had an exceptionally even bunch in his stable, not only from the standpoint of type but also of color. He prefers a Holstein with considerable white, although as he states "a good horse is never a bad color."

The Herd He Built.

In the spring of 1916 Holstein breeders had an opportunity of bidding on the herd of 80 head of pure bred at the dispersion sale held by Mr. McPhee. From the number of breeders who attended and the prices they paid for the stock, it is safe to say that Mr. McPhee has in the 15 years he has been at work, succeeded in building up a herd of merit. This home-bred and home-developed herd was backed by the record of the show ring, public milk tests and official ratings. A few of the outstanding animals in the R. O. M. which were sold at this sale were:

Jessie DeKol of Crystal Spring, 4 years old, 29.57 lbs. butter, 53.7 lbs. milk with a test running up to 5 per cent fat.

Gladys DeKol, 4 years old, butter 24.22 lbs. milk 62.0 lbs. in seven days; butter 48.52, milk 1206.06 in fourteen days. Gladys DeKol's average for seven days' milk was practically 50 lbs., and her best day's milk 91 lbs.

Daisy Netherland Sylvia, 4 years, butter 21.06, milk 65.02 lbs.

Pauline Sylvia Clothilde, 4 years old, butter 22.76, milk 540.04 lbs. in seven days.

Reta Connelia, at three years old, butter 19.09 lbs. milk 404 lbs. in seven days.

Rose Wayne, 3 years old, butter 19.72 lbs. milk 408 lbs. in seven days. Sadie Mae, 2 year old, butter 20.59 lbs. milk 498 lbs. in seven days.

Kate Sylvia, 3 years old, butter 26.24 lbs. milk 475 lbs.

Cora Heneverfeld Korykkye, 3 years old, butter 21.55 lbs. milk 478 lbs. in seven days.

Orme of Crystal Spring, 3 years old, butter 18.19 lbs. milk 400.09 lbs. in seven days.

Patricia Brooker, 6 years old, butter 18.97 lbs. milk 355 lbs.

This record was made by this cow two months after calving and after she had completed the fair circuit. In a strong class at Sherbrooke she won first in class test and first in open class, indicating beyond any measure of doubt that she possessed both show and utility and individual excellence in milk production.

Some idea of the success of this sale may be gathered from the fact that the average price for mature cows was \$277. The highest was paid for Jessie DeKol of Crystal Spring, she selling for \$690. One row of 21 cows in the stable sold for an average of \$310.

This dispersion sale was used by

Mr. McPhee as an advertisement to the Holstein breeders that he was in the business. The building up of a herd of 80 head is no easy task and Mr. McPhee does not again intend to dispose his herd by auction. He will build up a bigger and better herd than ever, but will just sell off his surplus from time to time. The successful auction sale of 1916 will be sufficient advertising as to the type of stuff he is breeding.

Will Be Better Than Ever.

Sixteen head of the young stuff were reserved from the dispersion sale to act as a foundation for the new herd. The animals reserved were from the best cows disposed of in the sale. Beauty DeKol of Crystal Spring, a daughter of Jessie, is one of the daughters of Patricia Brooker, the cow that won first place in the dairy test at Sherbrooke, have been kept. A daughter of Lady Jane of Burnbrae, a 22-lb. cow that is now being

that this has all been brought about by a young man who started into pure bred in a small way, breeding and weeding until he had changed the grade stock on the farm to pure bred.

Nine head of horses were standing in the stable at the time of my visit to Crystal Spring Farm. Mr. McPhee pointed out one of his brood mares 17 years of age from which he has sold \$1,650 worth of colts, besides three that are at present in the stable. In the same way the sheep are revenue producers on the farm. Last year 23 ewes were kept over winter, some of which were pretty young. After expenses of feed and management were deducted Mr. McPhee reckoned that he had \$400 for an income from his sheep. The abundance of pasture on this farm make sheep a particularly profitable type of stock. They go out on the pasture early in the spring and come in late in the fall.

Mr. McPhee has gone far in pure bred work in the 15 years he has been at it. He has a ways, and his ideal is the type of Holstein, and his pure bred Holsteins have from

The Future Demand for Dairy Products

WHAT is the future for the dairy industry in Canada? J. A. Ruddick, Dominion Dairy Commissioner, is optimistic. Speaking at Hamilton two weeks ago, he said: "There never was a time when prospects were so good. There has been a great deal of interest in the dairy herds of Europe. I have had correspondence with friends of the dairy herds of Europe. In all of these countries feed is lacking to carry the live stock over the winter. The depletion in number of milch cows is particularly serious in those countries, and the same is true in Holland. It will take years to rebuild these herds and in the meantime Canada will be called on to supply Europe with immense quantities of cheese and butter."

Mr. Ruddick stated further that cheese exports this past season have totalled \$40,000,000 in value, that the output of creamery butter in 1917 will be \$35,000,000 and that the total value of the dairy industry will not fall short of \$200,000,000—a record.

prepared at the Experimental Farm for a greater record, and other heifers chosen from the herd both for their breeding and their individual tests, limited in his stable.

Two cows from F. Mallory's herd have been purchased to supplement the foundation stock for the new herd. These are Flora Hermes and her mother Hazel Hermes. These are big capacious cows, giving up to 65 lbs. of milk. Although they have not yet been tested, Mr. McPhee is confident that they are both easily 30-lb. cows.

The sire placed at the head of the new herd is Sir Echo Sylvia, a promising young bull of 20 months. He was sired by Inka Sylvia Beets Posch and is therefore half brother to May Echo Sylvia. His dam was May Darkness Echo, tested 22.51 lbs. fat as a three-year-old. This bull is from the herd of S. J. Foster, Bloomfield, and is a full brother of Sir Echo Beets Posch, the present herd sire for A. G. Hall. May Darkness Echo for test this year and expects her to go over 30 lbs. butter.

Altogether Mr. McPhee has already 50 pure bred in his stable. As it is only a year and a half since his dispersion sale, the stuff in his stable is yet pretty young. He intends, however, to begin his R. O. M. work again next year and from the tone of stuff he has in his stable, he should get some creditable records.

Real Pure Bred Farm.

The owner of Crystal Spring Farm is an enthusiast so far as pure bred stock is concerned. Raising the herd of Holsteins Crystal Spring is the home of pure bred Cleveland horses, Oxford Down sheep and White Holland turkeys. Even the brood sows for the farm carry in their veins blood as pure as the best line of breeding animals, and it must be remembered

time to time gone into the best herds in the country. He is a careful breeder and will make his influence felt in the Holstein world.

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