

the previous stock bull, giving as high as 35 to 37 pounds of milk daily, while the yearlings and younger things, by Tam Glen 2nd, the present sire, show fine quality and conformation, and promise to eclipse their dams in dairy work. The Jerseys are headed by the richly-bred Fawn's Son 2nd of St. Anne's 47349, of pure St. Lambert lineage and fine dairy points; while many of the matrons are deep milkers and rich producers, and the heifers growing up show great promise for usefulness. North Nation Mills is a station on the Canadian Pacific Railway, 84 miles from Montreal and 36 miles from Ottawa. Rockland is reached in summer by steamer from Montreal and Ottawa, and the year round by the Canadian Pacific Railway and the Canada Atlantic, the latter making connections with the Grand Trunk at Coteau Junction.

Historic Bow Park Farm.

This ideal stock farm, consisting of 960 acres of fertile soil, is perhaps more widely known than any farm in America. Three miles from the City of Brantford, Ontario, nearly surrounded by a bend of the Grand River; studded with beautiful maple, oak, walnut, and other nut-bearing trees, bountifully supplied with numberless springs of clear water, with a warm soil where grasses and clovers luxuriate, lies this veritable stockman's paradise. In some

to 20 acres rape, and generally 40 to 50 acres is used for experimenting with different kinds of forage and fodder crops. Clovers grow abundantly, the crop of hay averaging about 500 tons per year. Alfalfa is very highly spoken of by the president, and a larger acreage is being seeded down to it each year. The soil seems to be especially adapted to the growth of all kinds of clover, is naturally rich and is becoming more fertile year by year owing to the great number of cattle being kept on the farm.

BUILDINGS.

The dairy cattle are housed in two brick buildings 175 feet in length. These buildings are fitted up with automatic water boxes; a steel hay fork track is used for carrying the manure trucks, and a driveway down the center from which the cattle are fed. The horse stable is another brick building 160 feet long. These buildings are all well lighted and ventilated; whitewash, sunlight and fresh air are to be found here in abundance. The main building is also a brick building 175 x 45, with an L 110 x 35, in which the grinders, crushers, granary and cutting boxes and feed-mixing rooms are to be found. We next come to the piggery, 280 feet long by about 30 broad, with a driveway from end to end. This building is raised two feet higher at one end so that all the liquid manure may run to a large tank at the lower end; pens are on each side of this driveway. This piggery is a model of cleanliness. Next we come to a large stock barn, also 280 feet long by about 40 broad, with a driveway from end to end and box stalls arranged on either side for young stock. There is storage capacity overhead for about 350 tons of hay. The next building is also 280 feet long, with a driveway from end to end, but with enclosed box stalls on one side only. This is used for brood sows. In

Gem Holstein Herd.

IN THE MILKY WAY.

Mr. Charles S. Ellis and Mr. Wm. G. Ellis are the members of the firm of Ellis Bros., Bedford Park, Ontario, breeders and owners of the Gem Herd of Holstein cattle. Mr. Wm. G. Ellis is president of the Holstein-Friesian Association of Canada and a member of the Special Cattle Committee of the Toronto Industrial Exhibition Board. Bedford Park is situated about three miles north of the City of Toronto, on Yonge street, and a line of electric railway passes the gate. The Bedford Park farm consists of one hundred acres, and the herd at present of twenty-five head, all thoroughbreds. The herd has been selected and bred for quality, as it is used to produce cream to supply one of Toronto's largest catering businesses, which must have the best that can be had, and of all the cream that they receive, the Holstein seems preferable, being so much smoother and so much easier worked.

A De Laval cream separator is used, and in this way the warm skim milk goes to the calves, which are fed on this, with oil cake, crushed oats, bran and sweet hay until they are one year old. This feeding produces rapid growth, and the young stock of the Gem Herd is remarkable for development and constitution.

The herd bull, in the frontispiece of the illustration, is Homestead De Kol Belle Boy, of the world-renowned De Kol family, the most wonderful producing Holstein tribe ever known. This young bull was selected from among all the known American bulls, and the Messrs. Ellis selected him as the best, and they have no reason to regret their choice.



GEM HOLSTEIN HERD, PROPERTY OF ELLIS BROS., BEDFORD PARK, ONT., CANADA.

sense this is an historic place. The writer well remembers admiring a pair of portly prizewinning Bow Park Shorthorns being shown at the Provincial Fair in 1857. At this time the farm was owned by Mr. R. R. Bown; later on it was purchased by the late Hon. George Brown, from which time it became famous for its Shorthorn cattle. Great sales from time to time were held, which brought buyers from all parts of America and Europe. The fabulous prices realized for the cattle reared on Bow Park made one wonder where the money came from. Small fortunes were frequently the price of a single animal. During the early eighties the Messrs. Nelson, of Edinburgh, became interested with Mr. Brown, and a company was formed under the name of the Canada West Live Stock Association. After the death of Mr. Brown the Messrs. Nelson carried it on under the able superintendence of that past-master in the art of feeding and fitting cattle for the showing, the late Mr. John Hope. Towards the latter end of 1893 Messrs. Shuttleworth & Harris purchased the farm from the Messrs. Nelsons, shortly after forming what is now the Bow Park Co. (Limited). Under the president, Mr. J. M. Shuttleworth, many varied improvements have been made, necessitated by a change from a purely stock farm to a dairy and stock farm combined. A perfect system of waterworks have been laid, so that every stock barn is amply supplied with artesian spring water. A system of steam heating is just being completed, which will heat the large new building lately erected for the men's use, and drive the dairy machinery, as well as heat the president's new house.

The four-year crop rotation is followed; about 125 to 150 acres of corn is grown annually, 80 to 100 acres wheat, 100 to 125 of oats, 50 to 60 of barley, 15 to 70 of peas, 40 to 50 of mangels and sugar beets, 15

rear of this is a sheep shed, and a large hay-stack roof which covers about 500 tons of hay. Two immense silos, with a capacity of 600 tons each, completes the central stock buildings. A very large brick building has been built for the accommodation of the men. This building is modelled on the up-to-date hotel plan. Wash rooms, bath room, smoking room, reading room, and every comfort is provided. This accommodates 40 to 45 men.

The stock comprises some 130 to 140 dairy cows, and about 60 to 70 young ones coming on to take their places in due time. The herd is headed by Prince Frank 33972, A. J. C. C., and Nell's John Bull 21921, A. J. C. C., both well-known prize winners. Some 100 odd Shropshire sheep that would bring credit to any breeder are kept. Berk, shire pigs of the true bacon type are here "galore," something like 600 are now on the place. All sires are chosen for the desired result, length and depth, the best young stock being sold for breeding purposes, and the balance fed for the packing-house.

The aim of the president is to market all the produce of the farm right on the spot, nothing leaving the farm, except wheat, which is exchanged for bran, shorts and different concentrated feeding stuffs, only dairy products and finished live stock being sold. This means that the soil will year by year increase in fertility.

The management of this extensive establishment reflects great credit upon the superintendent, Mr. Fred Anstee, whose position is one of responsibility. The work is well systematized, and every department of the farm, as well as all the stock, is in first-class condition.

Inherited characteristics are sure to crop out sooner or later.

He is only a yearling, but his owners think him the coming bull of this country. He certainly is richly endowed, and in breeding, in constitutional vigor, in dairy form, quality and color of skin and softness of hair, ranks among the very best of the breed and is worthy of his phenomenal ancestry. This bull was purchased to crown the already splendid herd with the very best that could be produced, as the standard of quality stands first with the Gem Holstein Herd, and is that by which the owners are desirous it shall be judged. Their late stock bull, Sir Ruby Mascot, was one of the most meritorious Holstein bulls that has figured in this country. His dam, Princess Lida the 4th, is the large Holstein cow that stands showing her magnificent udder with bull calf by her side in the picture.

Princess Lida 4th is one of the largest Holstein cows in Canada, and is perfectly proportioned; in fact, is a model Holstein cow. This year, at Toronto Industrial Exhibition, she took second in the dairy test. She has given over seven gallons of milk per day at two milkings; she has left the showing with both red and blue cards, according to the whim of the judges. The cow just behind Homestead De Kol Belle Boy is Rideau Gretqui, another of the grand old type of imported Holsteins, weighing 1,800 lbs., and producing an average of six gallons per day for six months straightaway after calving. Rideau Gretqui also took second money in the dairy test at Toronto Industrial Exhibition. This is the type of Holstein that fills the pockets of dairymen. This cow's grandam, old Ethelka, gave over 108 lbs.