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MOUNT BIRDS

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## Pine Grove Herd of Shorthorns is applied as the work of the farm

(Continued from page 4) remarkably successful as a lumberremarkably successful as a lumber-man, Senator Edwards has never lost his taste and love for farming and particularly for farm animals. In 1878 the real foundation of the

In 1878 the real foundation of the purchase of two heifers and a young bull from the late John Mills, "Thistle Hall," of Brougham, Ont. In later ears, additions were made by purchases of imported and home. chases of imported and home bred stock. The first importa-tion of Cruikshank and Campbell blood was made in 1892 direct from the great Collynie Herd of Mr. Duth ie, Aberdeenshire. The importations, comprised seven females and three Since then a number of imbuils. Since then a number of in-portations have been made, these be-ing almost entirely of Cruikshank and Marr blood. Possibly three-fourths of the present herd is of Cruickshank breeding.

UNUSUAL UNIFORMITY

UNUSUAL UNIFORMITY
Last week an editor of Farm and
Dairy visited Pine Grove Farm. Inspection of the herd brought out the
fact that the stock was unusually uniform in type. "Our aim," said Mr.
James Smith, the farm manager, who
is well known to Shorthorn breeders all over the continent and who is to judge next week at the Guelph Win-ter Fair," is to breed animals of good size that are low down and thickly fleshed." Success seems to have crowned these efforts. Bulls and heifers were seen that carried an amount of well placed flesh seldom seen and yet not an animal was noted that showed any sign of being over done. They were all active and vigorous to an extent unusual in animals of their

PARM OPERATIONS

Pine Grove Farm contains about 1,000 acres. Only about 350 acres are under cultivation. The balance is in pasture except about 50 acres is in passure except grout ou acres of bush. The crops raised this year included about 60 acres of corn, 30 of roots, 100 of hay and 150 of oats. On another farm of 200 acres a few miles away, 100 acres of oats and 100 res of hay were raised.

The crops are fed on the farm. live stock includes about 180 Short-horns, 40 pure bred Clydesdale and horns, 40 pure ored Ciydesdale and Hackney horses, including several stallions, 100 breeding Shropshire ewes and 130 lambs. The flock of sheep is headed by imported Buttar,

Harding and Mintone rams.

One of the features of the farm are the splendid shady pastures. One 200 acre field during the summer is like a park. In this field, to insure the cattle having an abundance of pure water, it was found necessary to erect a windmill and sink a shaft 200 feet through the rock. In these fields the stock roam through the summer in comfort as in the spring everything is turned out to pasture, but the calves. Some of the fields, including one of 80 acres, have never been plowed. An abundance of man-are is secured on the farm as well as from the village of Rockland. This

permits, the pastures receiving a full share. In this way, they are kept in excellent condition and the stock

FEEDING RATIONS

During the winter, the breeding herd is fed ensilage, cut straw, hay and roots. All the feed is cut. "We find," said Mr. Smith, "that when the feed is cut, there is no waste, but it is eaten up clean. For this reason, it takes one-third less to feed our cattle, with the consideration also, that the, with the consideration also, that when it is cut, it makes a more valuable feed, as we are able to mix it with the ensilage to better advantage. We have two winter silo, 24 by 24 by 30 feet and a summer silo 12 by 12 by 30 feet and a summer silo 12 by 12 by 15 by 1 30 feet. The grain is fed to the cows are kept in good condition, but are not fed grain. They get a couple of pounds of oil cake with their feed. The stock is fed three times a day. Calves and young stock are given pulped roots, crushed oats, oil cake and cut clover hay.

erally been represented by a few in-dividuals at both the Toronto and Ottawa exhibitions. The high quality of the young stock in the herd was

STOCK SOLD BY PUBLIC SALE

Up to recent years, Senator Edwards used to sell a large proportion of his stock by private sale. Now it is all sold by public auction. None of the young stock is sold privately, all animals being reserved for the annual public sale. The first of these annual public sale. The first of chesc sales was held some years ago, on the farm. Last year, however, a com-bination sale was held in Toronto with three other well known Canadian Shorthorn Aftic cute cover hay.

Shorthorn breeders. It proved so successful, another sale will be held most expensive of the kind in Can-stock that will be offered from the

tions, the Pine Grove Herd has genof the young stock in the herd was shown conclusively last Soptember when at the Toronto Exhibition, the youngsters from this herd won prac-tically all the young herd prizes, in-cluding the Young Breeders' Herd, the best four calves and the open-herd. At the Ottawa Exhibition, there herd was a way little compatition with the was very little competition, with the result that the Pine Grove Herd carried off practically all the honors.

> was a boy. He thus has been associated with Shorthorns since his youth. Much of the success of the noted herds with which he has been associated has been due to his thor-ough knowledge of the breed, careful management and good judgment. Breeders like Senator Edwards and pure bred herds like that on Pine Grove Farm are doing much for the live stock interests of Canada.

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Horse Barn and Sale Pavilion on Pine Grove Stock Farm, Rockland, Ont.

All down both sides of this building are box talls, each with a window in it, in which the breeding horses are kept. In winter the horses are turned out in a large open space in the center of the building in which some of the large public sales of the stock raised on the farm have been led.

ada. Some four years ago the cattle Pine Grove Farm is indicated by the barns were destroyed by fire. The fact that bull calves from this herd new buildings that have been erected are composed entirely of concrete and steel. They are well lighted and comsteel. They are well righted and com-modious and contain numerous box stalls, in which all the bulls and a considerable number or the breeding stock is kept. Adjoining the stalls being fitted for the sale. is a large covered manure shed.

The farm machinery is most complete in its nature. It includes a

Five stock bulls are kept. These include Missie Champion, an illustration of whom appears on page 4; Royal Favorite, a grand champion Royal Favorite, a grand champion at Toronto, as a yearling; Gold Sul-tan, bred by W. F. Harding, Wau-kesha, Wis.; and Missie's Governor, a yearling bull imported last summer from Scotland. Gold Sultan was sired by the World Renowned White Hall Sultan, whose stock is famous in the prize ring all over the continent.

Among the young stock worth spe-cial mention was Prince of Orange, a son of Missie's Champion; Orange a son of Missie's Champion: Orange Prince, a 2-year-old bull, from Roval Favorite, and Emm. Wen Tokin, by Missie's Champion. Wen Toking, over the herd, one is struck the fact that the herd bull, Missie Cham-pion is leaving stock, both some and daughters, that are remarkably uni-form and of rare quality. Although no special effort is made to win honors at the leading exhibi-

that won the first, fourth and fifth prizes at the Toronto exhibition last September, out of a class of over 30, will be offered at the coming sale. In addition to this young stock, a lot of fine young bulls and heifers are

THE FARM MANAGER
Senator Edwards is fortunate in having as a farm manager, Mr. James DB h.p. gasoline engine, two large ensilage cutters, and a fixed threshing machine in the barn.

THE SHORTHORN HERD

THE SHORTHORN HERD herd that was formerly owned by the late George Brown and which at one time comprised 360 head of cattle. Later Mr. Smith had charge of the noted herd of Mr. W. D. Flatt. Since then he has been manager for the past four years for Senator Edwards. Smith's father was a breeder of Short-horns in England, when Mr. Smith

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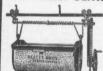
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