

WE are indebted to John Starr, Esq. of Halifax, for the following item of news from Echo Farm. There is no good reason why every acre of land in Nova Scotia should not yield as good a crop as the mangal field of Echo Farm. All that is required to obtain as large a yield is to find out how it may be done, and then to do it. Will Mr. Starr kindly let us into the secret? Our farmers have energy enough to carry out the experiment:—

Echo Farm raises other products than Alderneys in wonderful profusion. This last season, on 2½ acres of this farm, were raised twenty-six hundred and fifty two bushels of mangal wurzel beets. About an acre of this field was grass ground, ploughed this Spring for the first time, and on that portion the yield was scarcely half as much in proportion to its area as upon the rest. Two-fifths of an acre of the other part of the field produced 516 bushels of beets. This yield of more than a thousand bushels to the acre upon the portion of the land which was best suited to the crop, is certainly a wonderful showing for the "sterile soil" of New England.

But then he is a Nova Scotian farmer who does it.

IN New Brunswick, the Annual Fair and Exhibition of the King's County Central Agricultural Society was held at Hampton on the 16th and 17th October. The attendance of visitors was larger than usual, more interest was manifested than on former occasions, and there was a larger number of thoroughbred animals. Of pure Devons there were about twenty, of Ayrshires about ten, and a few Jerseys. It was remarked by men who have seen a number of Provincial Exhibitions, that, excluding Shorthorns, this show of thoroughbred stock has never been matched in New Brunswick. The grade cattle, including oxen and steers, showed to good advantage, and their sleek coats and trim appearance evidenced good feed, and good care. In horses four matched teams contended for the prizes, and mares and foals, yearlings, two-year-olds and three-year-olds, gave the Judges some work to decide as to their respective merits. Sheep were out in average numbers—one pen of ten ewes attracted much attention. The Society had just imported from H. Longworth, Esq., P. E. I., seven rams, four of the seven being prize sheep at the late Provincial Exhibition at Charlottetown.

The display of grain, roots, dairy produce, wooden and fancy goods, within the Hall, was the centre of attraction to the sight-seers, who filled the available space from the opening till the close.—*Abridged from Colonial Farmer.*

At the Preston County Court a cattle dealer obtained \$150 and costs from the L. & N. W. Railway Co., for delay of 10 or 12 hours in delivery of 98 calves sent by rail.

ADDITIONS TO THE NOVA SCOTIA REGISTER OF THOROUGH-BRED STOCK.

JERSEY BULL CALF.

CXLVI.—ROYAL CHARLIE.—Calved at Calais, Maine, April 11, 1877. Light fawn along back, body dark brownish fawn, belly and legs white, switch white,—a white star on forehead, and white patch on right hip. Bred by Hon. C. R. Whidden, Calais, Me. Owned by Geo. A. Robinson, Esq., Digby, N. S.

Sire Saxe 805, from Sibyl, imported from the Island of Jersey.

Dam Estelle, 2005, from Bonabel, from Belleflower, from Belle imported from the Island of Jersey, now owned at the military Asylum at Togns, Augusta; it is claimed that she has the highest record of any cow in Maine, her milk raising 35 p. c. cream. These animals are all recorded in the Herd Register of the Jersey Cattle Club.

(Signed) M. F. WHIDDEN.

SHORT HORN DURHAM HEIFER CALF.

CCCLXXXVII.—QUEEN CAROLINE.—Calved 6th November, 1877, red and roan, with white flecks, and a white heart on forehead. Bred by Professor Lawson, Lucyfield Farm, Halifax Co., N. S.

Sire Viscount Oxford, CXXVIII, by Sixth Baron Oxtord, (by Eighth Duke of Geneva, 28390, from Lady Oxford 5th) dam Graceful Duchess by Baron Oxford 4th, 25580, g. d. Duchess by Fifteenth Grand Duke, 21852, g. g. d. Countess by Knightley Grand Duke, 24268, g. g. g. d. by 4th Duke of Thomdale, &c., to Comet 155 and Hubback 319.

Dam Polly Vaughan, CXXIV., by Seventeenth Duke of Oxford, 25994. (Polly Vaughan was bred by George Moore, Esq., of Whitehall, Cumberland, England.)

g. d. Rose Gwynne 4th by Duke of Cumberland 21584.

g. g. d. Rose Gwynne 2nd by General Jackson 2nd, 17954.

g. g. g. d. Rose Gwynne by General Jackson, 14604.

g. g. g. g. d. Rosebud by Mingo, 4359.

g. g. g. g. g. d. Cowslip by Wallace, 5586.

g. g. g. g. g. g. d. by Tom Gwynne, 5498.

g. g. g. g. g. g. g. d. by Marmion, 406.

g. g. g. g. g. g. g. g. d. bred by Mr. Matthews of Durham.

THE Editor of the *Canada Farmer* page of the *Toronto Globe* surely makes a mistake when he recommends the sowing of Sweet Vernal Grass and White Clover in a mixture for Hay, and when he affirms that the mushroom spawn sold by seedsmen is only the earth of old mushroom beds on which the spores of the fungus have fallen, pressed into blocks. More useful are the instructions of his correspondent for trapping apple thieves by running a spool of sewing machine thread round his orchard and tying the end of it to a spring-bell near his pillow, the muzzle of a double-loaded double-barrelled gun being meanwhile pointed through the window.

CHARLES E. BROWN, Esq., has addressed to the *Yarmouth Herald* a useful letter, explaining to growers and competitors in Yarmouth County various matters connected with the recent apple competitions at the County and Provincial shows. He opens with the remark that:—

The several respectable collections of Apples shown at the Exhibition of the County Agricultural Society, on the 12th Oct., gave an agreeable surprise to visitors, in contrast with the collections shown at our first Exhibition in 1868, when scarcely half-a-dozen standard varieties could be got together in the County; and these, in connection with the collection from this County shown at the Provincial Exhibition at Kentville, Oct. 1-5, merit a few observations, to encourage the further diligent prosecution of pomology.

The Provincial Prize List required all collections to be grown by exhibitors, this may have prevented collections from many of the Counties that are not considered Fruit Counties, which are really limited to three—Kings, Hants and Annapolis. This condition, however, was not insisted upon, and the collection of Apples from Yarmouth County, although placed in juxtaposition to a collection from Annapolis, was not strikingly inferior to it, received the prize offered (\$6), and was awarded favorable notice in the press and comments from judges. It was also superior in general appearance and in merit to any collection outside of the three Fruit Counties, giving us fourth rank as a Fruit County in the Province. Digby County was not represented, nor Lunenburg; both of these, and possibly Queen's and Shelburne, may take precedence of us, when the best they can grow is brought together in one collection. As it stands now, we have risen, in less than ten years, from the lowest rank to the fourth, and have by so much the start of the sleeping Counties."

With the view of securing a representation of the Apples of Yarmouth County, to compete at the Provincial Exhibition, Mr. Brown issued circulars to known growers, who responded liberally. Omitting the long list of men and apples we resume quotation:

Mr. Norris Reynard, of Tusket Lakes, grows the best Northern Spy and the best Fameuse (or Snow) Apples in the County; and Mr. Wm. H. Gavel, of Gaveltown, grows one or two seedlings of great merit, specimens of which have been recently received; also from Mr. C. R. Reeves, of Kempt, nearly twenty varieties from his vicinity, seedlings, or names lost; some of the specimens of fair quality, and well worth cultivation.

Andrews or Major's Sweet; a seedling originated by Major Andrews, is deservedly a favorite inland, the tree being a thrifty, vigorous grower, and productive, while the fruit is one of our best fall and early winter table apples, being a pleasant, tender sweet. Mr. Chas. Downing, one of the best authorities, judges that quality may rank as very good.

Chenango Strawberry is a very beautiful, delicate, highly colored, early fall apple; will not probably succeed on the coast.

Fameuse, or Snow, does well inland, a large bearer, fruit everywhere popular.