

## EXPERIMENTAL FARM FOR THE MARITIME PROVINCES, NAPPAN, N.S.

Per acre.		Per acre.	
Tons.	Lbs.	Tons.	Lbs.
1. Thoroughbred White Flint...	23 1,850	4. Red Cob Ensilage..	18 300
2. Early Mastodon.....	21 1,450	5. Pearce's Prolific.....	17 1,200
3. Sanford.....	20 1,800	6. White Cap Yellow Dent.....	17 1,200

An average crop of 19 tons 1,967 lbs. per acre.

## EXPERIMENTAL FARM FOR MANITOBA, BRANDON, MAN.

Per acre.		Per acre.	
Tons.	Lbs.	Tons.	Lbs.
1. Thoroughbred White Flint...	29 1,840	4. Cloud's Early Yellow.....	27 1,000
2. White Cap Yellow Dent.....	28 1,200	5. Early Mastodon.....	27 120
3. Red Cob Ensilage.....	27 1,440	6. Compton's Early.....	25 1,700

An average crop of 27 tons 1,550 lbs. per acre.

## EXPERIMENTAL FARM FOR THE NORTH-WEST TERRITORIES, INDIAN HEAD, N.W.T.

Per acre.		Per acre.	
Tons.	Lbs.	Tons.	Lbs.
1. Thoroughbred White Flint...	18 620	4. Red Cob Ensilage.....	14 1,964
2. Champion White Pearl....	16 1,264	5. Compton's Early.....	14 1,568
3. Giant Prolific Ensilage....	15 492	6. Sanford.....	13 1,720

An average crop of 15 tons 1,271 lbs. per acre.

## EXPERIMENTAL FARM FOR BRITISH COLUMBIA, AGASSIZ, B.C.

Per acre.		Per acre.	
Tons.	Lbs.	Tons.	Lbs.
1. Giant Prolific Ensilage.....	38 450	4. Pride of the North.....	29 80
2. Red Cob Ensilage.....	33 .....	5. Champion White Pearl.....	28 1,760
3. Early Mastodon.....	29 1,400	6. Early Butler.....	28 100

An average crop of 31 tons 298 lbs. per acre.

The six varieties of Indian Corn which have given the heaviest crops, in 1898, taking the average of the results obtained on all the experimental farms, are as follows:—

Per acre.		Per acre.	
Tons.	Lbs.	Tons.	Lbs.
1. Red Cob Ensilage.....	23 1,375	4. Early Mastodon.....	22 558
2. Giant Prolific Ensilage....	23 1,194	5. Champion White Pearl.....	20 1,610
3. Thoroughbred White Flint...	23 462	6. Cloud's Early Yellow.....	20 1,440

An average crop of 22 tons 773 lbs. per acre.

As the season of 1898 was very favourable for maturing the corn crop, all the varieties grown, attained a sufficient degree of ripeness to permit of their being made into useful and nutritious food for stock.

The average weight cut green of all the varieties of Indian Corn, tested at each of the experimental farms, in 1898, was as follows:—At Ottawa, 18 tons 1,216 lbs.; Nappan, 15 tons 1,625 lbs.; Brandon, 23 tons 1,450 lbs.; Indian Head, 11 tons 1,399 lbs.; and at Agassiz, 24 tons 1,444 lbs. The average return given by the whole of the varieties at all the farms was 18 tons 1,827 lbs per acre.

## TRIAL PLOTS OF TURNIPS.

Nineteen varieties of turnips were tested during 1898, sown on drills or on the flat, 2½ feet apart. Two sowings were made at each farm, one sowing two weeks later than the other. The dates of sowing will be found in the accompanying table, the dates on which the roots were pulled were as follows:—At Ottawa, 13th October; Nappan, 14th October; Brandon, 7th October; Indian Head, 11th October, and at Agassiz, on the 19th October. The yield per acre in each case has been calculated from the weight of roots gathered from two rows, each 66 feet long.