

TRIAL PLOTS OF INDIAN CORN.

Twenty-four varieties of Indian Corn have been tested during 1898. These were planted on fairly uniform soil in rows three feet apart, and the plants thinned out to six or eight inches apart in the rows. The dates of planting were as follows:—At Ottawa, 18th May; Nappan, 28th May; Brandon, 23rd May, Indian Head, 16th May, and at Agassiz, 17th May. All were cut green and put into the silo for the winter feeding of stock. The dates of cutting were:—At Ottawa, 17th September; Nappan, 26th September; Brandon, 1st September; Indian Head, 7th September, and at Agassiz, 23rd September. The yield per acre has been calculated in each case from the weight obtained from two rows, each 66 feet long.

UNIFORM TEST PLOTS OF INDIAN CORN, YIELD AT THE SEVERAL EXPERIMENTAL FARMS, SEASON OF 1898.

Number.	Name of Variety.	Ottawa, Ont.	Nappan, N.S.	Brandon, Man.	Indian Head, N.W.T.	Agassiz, B.C.	Average of all Farms.
		Per acre. Tons. Lbs.	Per acre. Tons. Lbs.	Per acre. Tons. Lbs.	Per acre. Tons. Lbs.	Per acre. Tons. Lbs.	Per acre. Tons. Lbs.
1	Red Cob Ensilage....	24 1,170	18 300	27 1,410	14 1,964	33	23 1,375
2	Early Mastodon.....	24 1,060	21 1,450	27 120	8 764	29 1,400	22 558
3	Cloud's Early Yellow	24 473	12 1,850	27 1,000	12 420	26 1,460	20 1,410
4	Giant Prolific Ensilage.....	22 1,100	16 1,550	25 380	15 492	38 450	23 1,191
5	Early Butler.....	21 1,340	12 970	24 1,940	12 552	28 100	19 1,780
6	Evergreen Sugar....	21 900	11 550	14 160	6 540	16 1,000	13 1,830
7	Rural Thoroughbred White Flint.....	20 1,800	23 1,850	29 1,840	18 620	23 200	23 462
8	Champion White Pearl.....	20 247	16 1,220	21 1,560	16 1,264	28 1,760	20 1,610
9	Sanford.....	20 113	20 1,800	23 200	13 1,720	22 1,100	20 186
10	Selected Leaning....	19 1,380	14 1,150	19 1,160	13 796	22 220	17 1,711
11	Pride of the North...	19 940	15 1,350	24 1,500	9 742	20 80	19 1,322
12	White Cap Yellow Dent.....	19 170	17 1,200	28 1,200	12 1,740	25 160	20 1,294
13	Extra Early Huron Dent.....	18 1,180	15 1,020	23 200	11 572	25 1,920	18 1,778
14	Mammoth Cuban....	18 80	16 1,770	20 1,800	9 216	20 1,800	17 353
15	King of the Earliest..	17 1,200	17 100	19 940	10 1,780	24 1,610	17 1,926
16	Ruby Mexican.....	17 100	9 150	19 720	8 632	22 1,980	15 716
17	Mammoth Eight-row- ed Flint.....	16 1,440	16 1,770	24 840	11 968	24 1,000	18 1,603
18	Canada White Flint..	16 340	17 100	21 1,200	12 816	21 900	17 1,471
19	North Dakota White	15 1,240	16 1,770	22 1,100	8 236	22 1,320	17 333
20	Longfellow.....	14 1,920	17 650	23 1,080	10 1,384	19 1,600	17 526
21	Pearce's Prolific.....	14 1,113	17 1,200	25 600	9 1,800	24 1,000	18 712
22	Angel of Midnight...	14 1,060	16 450	24 1,720	11 1,232	21 900	17 1,472
23	Compton's Early....	13 180	16 1,550	25 1,700	14 1,568	24 1,500	19 99
24	Mitchell's Extra Early	11 660	9 1,250	23 1,300	9 876	16 1,200	14 257

The six varieties of Indian Corn which have given the heaviest crops at the several experimental farms during 1898, are the following:—

CENTRAL EXPERIMENTAL FARM, OTTAWA, ONT.

	Per acre. Tons. Lbs.		Per acre. Tons. Lbs.
1. Red Cob Ensilage.....	24 1,170	4. Giant Prolific Ensilage.....	22 1,191
2. Early Mastodon.....	24 1,060	5. Early Butler.....	21 1,340
3. Cloud's Early Yellow.....	24 473	6. Evergreen Sugar.....	21 900

An average crop of 23 tons 340 lbs. per acre.