

AT AGASSIZ, BRITISH COLUMBIA.

The heaviest weight of pulled flax cured grown at Agassiz—3,400 lbs. per acre—was produced by a plot sown on May 15, with 80 lbs. of seed per acre, the second heaviest, 3,280 lbs. per acre, was from a plot sown May 22, also with 80 lbs. of seed per acre. The average weight of the pulled flax cured from the four plots sown with 80 lbs. of seed per acre was 2,740 lbs., whereas the average weight of crop obtained from the four plots sown with 40 lbs. of seed per acre was 2,490 lbs.

These figures show that at Ottawa, Indian Head and Agassiz the plots sown with 80 lbs. of seed per acre gave the larger average weight of pulled flax per acre, while at Nappan and Brandon the advantage in weight was in favour of the plots sown with 40 lbs. of seed per acre.

FURTHER EXPERIMENTS IN GROWING FLAX FOR SEED.

As the evidence obtained in 1896 as to the small quantity and poor quality of the fibre obtainable from flax grown in the Northwest provinces of Canada was in harmony with the general opinion of experts who had worked with similar material in like climates in the Western States, it was regarded as conclusive and it was not thought necessary to continue the experiments further. These were continued, however, in growing flax for its seed for several years, using 40 and 80 lbs. of seed per acre with each of the four sowings made one week apart. In all the subsequent trials the straw was allowed to ripen then cut and threshed.

RESULTS OF EXPERIMENTS WITH FLAX GROWN FOR SEED.

	Largest crop.		Seed sown per acre.	Date of sowing.	Second largest crop.		Seed sown per acre.	Date of sowing.	Average yield from 40 lbs. seed per acre.		Average yield from 80 lbs. seed per acre.	
	Bush.	lbs.	lbs.		Bush.	lbs.	lbs.		Bush.	lbs.	Bush.	lbs.
For four years at Ottawa, Ont.												
1896	17	8	40	May 14	15	15	80	May 14	13	31	12	11
1897	10	30	40	May 26	9	26	40	May 19	9	23	7	35
1898	13	42	80	April 25	13	12	40	April 25	9	33	12	51
1902	9	20	80	April 30	8	40	40	April 30	8	10	7	30
For two years at Nappan, N.S.												
1896	34	20	40	June 4	32	40	80	May 21	24	43	25	43
1899	21	30	80	May 18	21	30	80	June 1	16	53	19	53
For four years at Brandon, Man.												
1896	17	26	80	June 6	17	8	80	May 16	14	14	16	45
1897	14	16	80	June 2	12	48	80	June 9	10	52	12	38
1898	28	32	40	May 28	25	00	80	May 28	22	15	19	29
1900*	7	8	40	May 12	6	44	80	May 12	6	19	6	24
For four years at Indian Head												
1896	13	12	80	May 23	12	48	80	May 16	10	25	12	13
1897	13	30	40	May 25	13	10	80	May 18	10	27	12	24
1898	22	00	80	May 28	16	00	80	May 21	11	22	17	10
1899	21	10	80	June 9	21	00	80	May 26	18	26	19	21
For three years at Agassiz, B. C.												
1896	12	8	80	May 22	12	8	80	May 15	7	28	8	52
1899	18	52	40	May 19	17	48	40	May 12	16	4	15	20
1900	11	4	80	April 24	9	16	80	May 1	7	28	8	54

* The season of 1900 was a very unfavourable one in Manitoba, owing to severe spring frosts and a very unusual drought.