

Experimental Farm, Agassiz, B.C.

CARROTS.

Five varieties of carrots were sown on May 4 in drills two feet apart. One of the varieties failed to germinate owing to dry weather just after the seed was sown. The young plants were thinned to 4 or 5 inches apart in the rows. The roots were pulled on October 21.

Number.	Variety.	Average yield for five years.		Yield in 1910.	Number.	Variety.	Average yield for five years.		Yield in 1910.
		Tons. Lbs.	Tons. Lbs.				Tons. Lbs.	Tons. Lbs.	
1	Improved Short White	32	139	31	40	3	White Belgian	28	994
2	Ontario Champion	30	315	30	1,050	4	Manimoth White Intermediate	26	1,011
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The average yield in 1910 of the four varieties of carrots was 28 tons 1997 lbs. per acre.

SUGAR BEETS.

Three varieties of sugar beets were sown in drills two feet apart on May 4. Germination was irregular and the yield is, therefore, light. The yield was computed from the returns from two rows, each 66 feet long. The roots were pulled on October 21.

Number.	Variety.	Average Yield per acre for five Years.		Yield per acre in '10.	Number.	Variety.	Average Yield per acre for five Years.		Yield per acre in 1910.
		Tons. Lbs.	Tons. Lbs.				Tons. Lbs.	Tons. Lbs.	
1	Vilmorin's Improved	14	589	17	1,200	3	French Very Rich	11	821
2	Klein Wanzleben	14	518	14	1,960			13	620

The average yield in 1910 of the three varieties of sugar beets was 15 tons 593 lbs. per acre.

POTATOES.

Seventeen varieties of potatoes were planted in the test plots this season. Fourteen of these have been tested for the last five years. The dates of planting were May 6 to 11 and the dates of digging September 24 to 26. The potatoes were planted in rows thirty inches apart and one foot apart in the row, the sets being cut with two strong eyes in each. There was no disease in the tops or tubers and the latter are of very good appearance and quality.

Number.	Variety.	Average yield for five years.		Yield in 1910.	Number.	Variety.	Average yield for five years.		Yield in 1910.
		Bush. Lbs.	Bush. Lbs.				Bush. Lbs.	Bush. Lbs.	
1	Late Puritan	402	42	246	24	8	Empire State	354	18
2	American Wonder	397	46	310	12	9	Everett	344	42
3	Gold Coin	396	14	277	12	10	Ashleaf Kidney	324	14
4	Dree's Standard	392	19	321	12	11	Dalmeny Beauty	309	10
5	Morgan Seedling	388	7	400	24	12	Irish Cobbler	291	41
6	Carman No. 1	374	45	283	12	13	Reeves' Rose	285	56
7	Rochester Rose	361	52	250	48	14	Money Maker	285	41
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The average yield in 1910 of the fourteen varieties was 17,753 lbs. (295 bush. 55 lbs.) per acre.