

POTATOES—*Concluded.*

EXPERIMENTAL FARM, AGASSIZ, B.C.

Number.	Varieties tested.	Average yield.		Yield in 1906.		Number.	Varieties tested.	Average yield.		Yield in 1906.	
		Bush.	Lbs.	Bush.	Lbs.			Bush.	Lbs.	Bush.	Lbs.
	(For five years.)	Bush.	Lbs.	Bush.	Lbs.		(For five years.)	Bush.	Lbs.	Bush.	Lbs.
1	Late Puritan.....	460	14	611	36	20	Vick's Extra Early....	327	8	231	36
2	American Wonder....	444	41	508	12	21	Early White Prize....	319	40	330	..
3	Uncle Sam.....	428	8	360	48	22	Carman No. 3.....	309	6	330	..
4	Dreer's Standard....	410	13	589	36	23	Money Maker.....	293	22	211	12
5	Rochester Rose.....	406	59	452	..	24	Canadian Beauty.....	283	49	171	36
6	Country Gentleman....	405	1	272	48		(For less than 5 years.)				
7	State of Maine.....	400	11	466	24		Pearce (4 years).....	393	4	297	..
8	Carman No. 1.....	398	55	404	48		Early Envoy (4 years).	220	55	218	50
9	Empire State.....	392	29	356	24		Pingree (4 years).....	201	40	200	12
10	Sabean's Elephant....	390	34	435	36		Vermont Gold Coin (2 years).....	539	..	514	48
11	L. X. L.....	381	11	396	..		Dooley (2 years).....	462	..	268	24
12	Reeve's Rose.....	375	6	218	56		Morgan Seedling (2 years).....	414	42	363	..
13	Holborn Abundance....	367	11	336	36		Ashleaf Kidney (1 year)	495	..
14	Maule's Thoroughbred	365	5	402	36		Dalmeny Beauty (1 year).....	277	12
15	Everett.....	342	3	453	12						
16	Irish Cobbler.....	339	1	248	36						
17	Early Rose.....	338	15	264	..						
18	Bovee.....	337	40	264	..						
19	Burnaby Mammoth....	329	32	323	24						

The average crop of the 32 varieties of potatoes tested on the Experimental Farm at Agassiz in 1906 was 353 bush. 53 lbs. per acre.

SUMMARY

The results obtained from the uniform trial plots in this bulletin show that there are marked differences in the relative productiveness of varieties even when grown side by side under similar conditions. The results of the average crops obtained for five years indicate also that the tendency to productiveness is in many instances persistent, manifesting itself under varying conditions of soil and climate to a remarkable degree. The establishment of such facts points to the importance of farmers choosing for seed those varieties which give the heaviest crops so that farming in Canada may thus be made more profitable.

During the past year the number of varieties under test has been further reduced by dropping some of those which have failed to come up to the high standard required. This reduction in the number tested will serve to give greater prominence to those varieties of the highest excellence.