

DEPARTMENT OF AGRICULTURE

PRINCE EDWARD ISLAND.

ALSIKE.

Sample Number	Where obtained	Market price per Bushel	Weight of pure and Germinable Seed in 100 Pounds	Per Cent. Germination	Actual Cost of pure Living Seed per Bushel	Number of Weed Seeds per Pound
		\$ cts.	Lbs.		\$ cts.	
1 St. Peters		9 00	79 2	90	12 48	3,540
2 West Devon		9 00	52 9	77	17 01	50,130
3 Bridgetown		10 80	86 6	91	13 39	9,360
4 Murray River		10 20	13 2	70	23 61	18,630
5 Eldon Belfast		9 60	57 2	76	16 78	16,830
6 "		9 60	60 1	80	15 97	20,250
7 Abbeville		10 20	26 7	82	38 26	180,450

All of the samples received from Prince Edward Island were reported to have been obtained by the local seed merchants from a Charlottetown seed firm, except sample No. 7 which was reported to have been obtained from a farmer. It contained 26 per cent by weight of sand, of a colour characteristic of the Island seashore, in addition to having over 180,000 seeds of Sheep Sorrel per pound. Samples Nos. 4, 5 and 6 were also very impure, and contained sixteen, seventeen and seventeen species of weed seeds respectively. The impurities in sample No. 2 consisted chiefly of seeds of Sheep Sorrel.

BRITISH COLUMBIA.

ALSIKE.

Sample Number	Where obtained	Market price per Bushel	Weight of pure and Germinable Seed in 100 Pounds	PER CENT GERMINATION.	Actual Cost of Pure Living Seed per Bushel	Number of Weed Seeds per Pound
		\$ cts.	Lbs.	In Three Days.	In Ten Days.	
1 Langley		12 00	85 7	81	87	3,510
2 Vancouver			53 5	35	54	7,200
3 "			79 9	74	81	12,878
4 "			57 9	49	63	4,140
5 Victoria		11 40	85 7	79	87	5,040
6 Kamloops			69 6	70	80	2,520
7 "			88 2	92	91	4,950
8 Abbotsford		9 60	51 2	93	95	180

The market price per bushel of samples Nos. 6 and 7 are omitted from the above list, because the price quoted for the one half pound sample is evidently very much in advance of the price at which the seed was sold in quantity. The price quoted was forty cents per pound. No information regarding the market price was received with samples Nos. 2, 3 and 4. In all, seventeen species of weed seeds were found in the eight samples. Samples Nos. 2 and 4 were very low in vitality which would greatly increase the actual cost of pure and living seed per bushel.