

SEED TREATMENT SURVEY IN THE PRAIRIE PROVINCES - 1960

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Following the procedure established in 1959, individual elevator Agents were asked, through a questionnaire type survey form, to estimate, for the district served by their elevator, the percentage of the total seeded acreage of wheat, oats, barley and flax that was planted with treated seed. The results, presented in Table 2, are based on the replies received from some 1,100 elevator Agents. The survey data are summarized by provinces and for the Prairie Provinces as a unit. In the case of Saskatchewan and Alberta the data are also summarized by crop reporting districts. It is felt that the data presented here give a fairly reliable indication of the extent to which seed treatment was practiced by farmers in western Canada in 1960.

The 1960 survey results indicate that the usage of seed treatment in each of the Prairie Provinces this year was practically the same as in 1959. The figures for the two years are given in Table 1.

 Table 1. Percentage of Acreage Planted with Treated Seed.

<u>Province</u>	<u>Wheat</u>		<u>Oats</u>		<u>Barley</u>		<u>Flax</u>	
	<u>1959</u>	<u>1960</u>	<u>1959</u>	<u>1960</u>	<u>1959</u>	<u>1960</u>	<u>1959</u>	<u>1960</u>
Manitoba	47	48	26	25	42	42	40	41
Saskatchewan	60	62	61	60	75	76	63	56
Alberta	86	86	81	81	91	88	81	76
Prairie Provinces	68	69	65	64	78	77	66	60

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Table 2. Results of 1960 Seed Treatment Survey.

Province and Crop Reporting District	Percentage of Total Seeded Acreage Planted with Treated Seed ^{1/}			
	Wheat	Oats	Barley	Flax
<u>MANITOBA</u>				
Average**	47.8 (95)	24.5 (92)	41.8 (95)	40.8 (90)
<u>SASKATCHEWAN</u>				
1A	49.6	22.5	57.9	33.4
1B	48.1*	49.6*	75.0*	52.8*
2A	65.6	58.2	72.4	53.1
2B	60.4	50.3	74.3	51.7
3AN	60.9	54.3	78.1	50.5
3AS	68.8	64.3	78.0	53.8
3BN	74.3	69.4	81.4	63.3
3BS	65.8	67.6	73.2	57.4
4A	65.8	62.9	77.5	57.2*
4B	81.7	77.9	87.3	67.7
5A	25.5	31.1	47.6	29.7
5B	32.7	40.5	63.5	45.1
6A	63.9	61.7	78.6	60.5
6B	76.4	68.8	85.5	60.9
7A	84.3	80.0	93.3	78.4
7B	83.5	81.6	94.0	66.1
8A	44.0	49.0	61.7	29.2
8B	44.5	71.4	90.7	46.6
9A	64.6	69.3	77.1	61.7*
9B	45.0	60.2	70.7	46.3*
Average**	61.5 (628)	60.4 (611)	76.3 (624)	56.1 (497)
<u>ALBERTA</u>				
1	86.6	79.2	84.8	74.3
2	91.6	85.1	92.4	82.4
3	90.5	82.1	89.3	80.7
4	79.7	81.8	87.1	69.1
5	74.8	66.7	76.1	61.3*
6	84.8	77.9	86.1	42.1*
7	91.2	84.5	91.3	67.6
Average**	85.9 (371)	81.1 (367)	88.0 (372)	76.2 (228)
<u>PRAIRIE PROVINCES</u>				
Average**	68.6 (1094)	64.4 (1070)	77.3 (1091)	60.1 (814)

^{1/} *Based on less than 10 individual reports.

**Weighted.

^{1/} The figures in brackets represent the number of individual reports used to determine the percentage acreage figures.