

1961 SEED TREATMENT SURVEY IN THE PRAIRIE PROVINCESF. J. Greaney¹

The questionnaire type survey, begun in 1959, to determine the extent of the use of treated seed of wheat, oats, barley and flax in the Prairie Provinces, was continued in 1961. The results of the survey, presented in Tables 1 and 2 show that it is evident that there has been little change in the seed-treatment picture in any of the three Prairie Provinces in the past three years. They emphasize, however, the need for more intensive seed-treatment campaigns to encourage many more farmers in Manitoba and Saskatchewan to practice seed treatment.

Table 1. Percentage of total acreages planted with treated seed, 1959-1961.

Province	Wheat			Oats			Barley			Flax		
	1959	1960	1961	1959	1960	1961	1959	1960	1961	1959	1960	1961
Man.	47	48	46	26	25	23	42	42	37	40	41	42
Sask.	60	62	60	61	60	59	75	76	74	63	56	57
Alta.	86	86	85	81	81	80	91	88	88	81	76	74
Prairie Provinces	68	69	67	65	64	63	78	77	75	66	60	60

Table 2. Results of 1961 seed treatment survey.

Province and Crop District	Percentage of total acreage planted with treated seed:			
	Wheat	Oats	Barley	Flax
<u>MANITOBA</u>				
Average ¹	46.4 (109)	22.6 (106)	36.6 (108)	41.5 (105)
<u>SASKATCHEWAN</u>				
1A	50.8	25.8	50.0	59.3
1B	56.9*	46.9*	72.5*	67.9*
2A	66.8	49.0	71.8	45.3
2B	62.4	49.6	79.9	56.3
3AN	62.9	58.2	76.7	62.8
3AS	72.2	65.4	79.2	68.9
3BN	72.7	69.7	83.2	54.2
3BS	61.8	74.0	75.7	65.0
4A	76.3	70.9	78.3	58.8*
4B	79.4	79.5	83.6	67.5
5A	25.0	27.1	40.4	16.3
5B	29.5	33.0	54.0	41.5
6A	59.0	67.1	78.3	58.7
6B	75.8	72.5	86.4	53.6

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Results of 1961 seed treatment survey (cont'd).

Province and Crop District	Percentage of total acreage planted with treated seed:			
	Wheat	Oats	Barley	Flax
<u>SASKATCHEWAN</u>				
7A	81.0	83.1	91.6	70.1
7B	77.1	78.7	88.7	81.8
8A	38.4	33.4	52.5	35.9
8B	46.0	73.8	76.7	58.3
9A	60.3	66.4	78.9	50.6*
9B	40.2	49.4	65.8	53.3*
Average ^{1/}	59.9 (671)	59.3 (658)	73.7 (667)	57.3 (526)
<u>ALBERTA</u>				
1	84.7	84.5	83.8	69.1
2	91.2	85.5	92.6	79.9
3	88.9	80.2	89.7	78.8
4	79.5	77.5	84.3	56.9
5	74.1	71.4	79.1	75.0*
6	81.4	78.8	87.5	62.5*
7	89.2	78.3	88.2	66.7
Average ^{1/}	85.0 (382)	80.3 (381)	87.6 (380)	74.1 (233)
<u>PRAIRIE PROVINCES</u>				
Average ^{1/}	66.9 (1162)	62.9 (1145)	74.8 (1155)	59.9 (864)

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

The figures in brackets represent the number of individual reports used to determine the percentage acreage figures.