

The prizes awarded were 1st, \$40; 2nd, \$30; 3rd, \$20; 4th, \$10. At Indian Head five prizes were given, the amount being \$150 in all. The following are the rules and the score card used.

RULES GOVERNING FIELD COMPETITIONS.

The following regulation to govern competitions were drafted and approved by the provincial Departments of Agriculture for the provinces of Saskatchewan and Alberta.

1. Competitions for this season shall be confined to fields of any variety of wheat in the province of Saskatchewan and wheat and oats in the province of Alberta.

2. Prizes to the amount of not less than \$100 shall be offered to be divided as follows: First prize, \$40; second prize, \$30; third prize, \$20; and fourth prize, \$10.

3. Fields entered for competition shall consist of 10 acres *en bloc*.

4. None but paid up members of the agricultural society controlling the competition shall be permitted to compete.

5. An entrance fee of \$2 will be charged.

6. Each competitor shall be allowed to make one entry only, and no one shall be permitted to enter for more than one competition in one year.

7. Each competitor shall enter under the society whose place of business is nearest to his farm and under one society only.

8. All plots for competition in any one society shall be within a radius of 15 miles of the chief place of business of each society.

9. All exhibits shall be judged by a committee of judges selected by the Seed Branch of the Dominion Department of Agriculture, according to the following scale of points:—Suitability of variety, 10 points. Freedom from weeds, 25 points. Freedom from other varieties and other kinds of grain, 20 points. Freedom from attack from smut, rust and insects, 15 points. Vigor of growth and uniformity, size of head, stiffness of straw, apparent yield, 30 points. Total 100 points.

It is necessary to explain that in scoring fields of wheat or oats, a cut of two or three points would be made on account of the presence of native though comparatively harmless weeds, an occasional head of bearded wheat in a field of Red Fife, or for even a trace of smut, which is much more conspicuous in the standing crop than in threshed grain. When wild oats or other noxious weeds were found in the crop, even in very small quantity, the cut in points would be more severe.

In conversation with one of the members of the Seed Growers' Association and a first prize winner in his district for wheat, the fact was elicited that many were deterred from taking up the work of seed selection on account of that work having to be done often at a time when farm work was beginning to push the farmer. His opinion is that improvement may be made if the wheat grower would only put to one side a fair number of good sheaves in the harvest time and select typical and large heads of the variety during the winter days or evenings when more time can be had, this being the next best method to that now recommended. In fact it has considerable advantage if the weather is windy when selection in the field has to be done, the work then being very trying on the eyes.

THE PREVALENCE OF SMUT.

A careful study of the scores made by all the judges will surely lead any person to the conclusion that smut is exceedingly prevalent and that very few fields of wheat are entirely free from it. During the month of August of the last year the writer examined more than seventy five fields of wheat widely spread over the provinces of Manitoba, Saskatchewan and Alberta, and found only five fields to be entirely free from smut. It may be well to note here that three out of the five were grown from selected seed by members of the Canadian Seed Growers' Association.

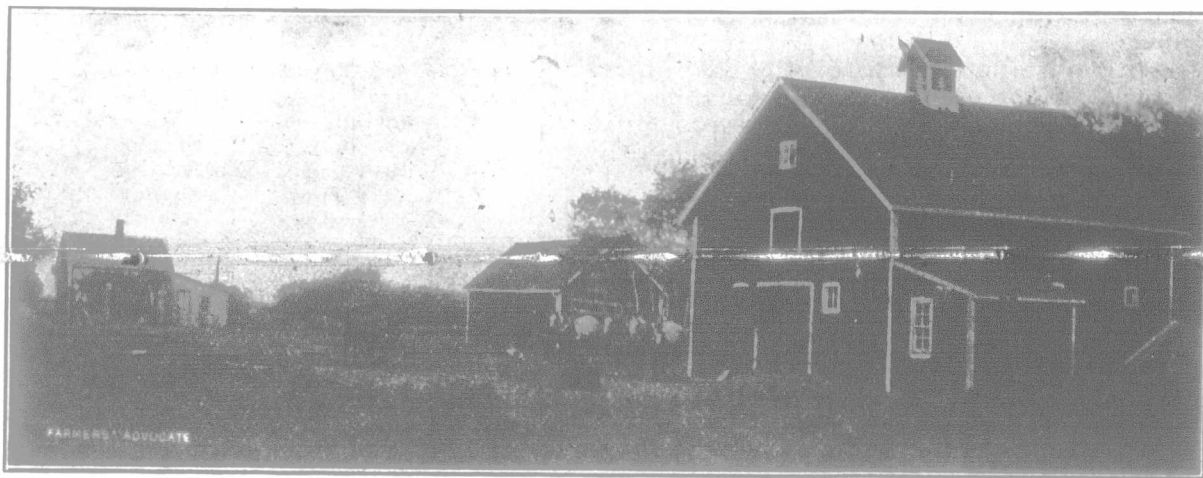
In most of the fields examined, there was to be found only a trace of smut—occasional smutted heads scattered over the field. The threshed grain from such fields would probably not show the presence of smut. Wherever possible enquiry was made of the owner as to whether he knew that his wheat crop contained smut, and as a rule was assured that such fields had been examined by him and found to be free from smut. Smutted heads of wheat are not apt to be detected in the crop, except by very careful observation. They are, as a rule in spring wheat, on less vigorous and shorter plants which are of a darker green color.

From a careful enquiry of a large number of farmers into the methods adopted by them in treating seed wheat, it would seem clear that most farmers in the Western provinces, but not all, have been careful to do the work well and according to methods that have been approved.

Judges, Competitors and Their Scores.

MANITOBA

Variety.	Freedom from weeds.	Freedom from other grains.	Freedom from smut.	Vigor of growth.	Total
HARTNEY—					
J. Bracken, Judge					
Possible score	10	25	20	15	30
Alex Duthie	10	20	14	10	25
J. L. Graham	10	19½	17	9½	21
Wm. Laughland	10	17	15	11	23½
Jno. Scharff	10	22	15	9	20
J. W. Thomas, Jr.	10	20	14	10	21
R. Jackson	10	19	15	10	20
Chas. Thomas	10	14	14	12	21
Jas. Duthie	10	14	10	10	19
John Borthwick	10	22	12	9	25
Geo. Graham	10	20	16	9	21
J. C. Thomas	8	20	16	8	21
T. A. Gray	10	24	0	14	24
A. Lawson	10	19	8	10	23



GASCOIGNE FARM, THE RESIDENCE OF GEO. SPENCE, AUSTIN.

SASKATCHEWAN.

GAINSBORO—	Jas. Shields	10	21	16	10	23	80
F. W. Green.	S. Shaw	10	10	15	11	23	69
	W. Taylor	10	5	19	12	20	66
	W. Shearer	10	8	10	8	25	61
CARIEVALE—	W. W. Lolandt	10	16	18	13	26	83
F. W. Green.	R. J. Lombard	10	16	17	13	25	81
	J. S. Hopkins	10	16	17	12	25	80
	J. H. Leask	10	19	14	10	25	78
	S. Robertson	10	17	16	10	23	76
	Thos. Frost	10	12	6	10	21	59
OXBOW—	J. C. Hood	10	15	18	5	24	72
F. W. Green.	W. W. McBain	10	18	15	8	18	69
	W. A. Noble	10	10	10	5	16	51
	F. Darrell	10	5	10	12	13	50
ALAMEDA—	J. McCaughey	10	20	17	13	24	84
	J. Coffey	8	18	15	10	26	77
	J. Deyell	10	13	17	10	24	74
	E. Johnston	10	10	15	12	22	69
MOOSE MOUNTAIN	J. Anderson	10	20	17	7	21	75
(Carlyle)—	J. Flynn	10	20	18	3	26	77
J. E. Wright.	Geo. T. Anderson	10	13	18	14	28	83
	John Dotz.	10	17	18	10	26	81
STOUGHTON—	Wm. F. Hopkins	10	18	13	8	20	69
J. H. Fraser.	R. D. Skuce	10	17	12	7	18	64
	Robt. Tully	10	16	12	7	16	61
	A. A. Pocock	10	16	12	7	14	59
	G. M. Landerkin	10	15	10	6	15	56
	D. McIntosh	10	15	9	6	14	54
	Neil M. Gray	10	14	10	6	14	54
	E. Slater	10	14	9	6½	14	53
	W. J. McIntosh	10	13	8	6	14	51
	N. Irwin	10	13	7	6	14	50
	A. Young	10	11	6	6	14	47
CREELEMAN—	W. M. Black	10	17	12	7	19	65
J. H. Fraser.	J. E. Good	10	16	10	5	23	64
	F. S. Wilbur	10	16	11	5	20	62
	F. French	10	15	10	6	19	60
	E. Killaby	8	15	10	7	19	59
	F. S. W. Davis	10	14	7	5	18	54
	A. F. Davis	10	13	6	5	17	51
	W. J. Davis	10	11	4	3	15	43
MOOSOMIN—	H. Thompson	10	22	14	8	23	77
A. E. Wilson.	H. Douslir	10	22	12	10	22	76
	D. Osborne	10	22	8	7	24	71
	K. Webster	10	10	15	10	23	68
	C. V. Stenberg	10	15	15	7	20	67
	R. McLeod	10	22	4	7	23	66
	R. Whittton	8	23	12	8	15	66
WAPELLA—	A. D. Hunt	10	23	15	8	22	78
A. E. Wilson.	A. F. Bartleman	10	18	15	10	20	73
	R. McIntyre	10	20	13	10	18	71
FAIRMEDE—	R. D. Clements	10	23	15	6	23	77
A. E. Wilson.	Jas. Wilson	10	22	12	10	22	76
	Richard Weeklaw	10	20	10	10	23	73
GRENFELL—	F. Dash	10	20	19	14	26	89
Angus Mackay.	A. J. Loveridge	10	20	18	13	25	87
	A. Switzer	10	20	18	13	25	86
	Jas. Fotheringham	10	18	17	13	26	84
	Thos. Fleming	10	25	11	10	26	82
	W. A. Reeve	10	20	12	14	26	82
	Jno. Mitchell	10	16	17	12	25	80
	R. A. Copeland	10	20	12	11	26	79
	W. H. Thompson	10	17	13	12	26	78
	B. P. Richardson	10	18	12	12	26	78
	Browne Bros.	10	18	12	13	25	78
	D. E. McDonald	10	18	13	12	25	78