

HALO BLIGHT (*Pseudomonas coronafaciens*) was recorded only from the northern location Athabasca, 4-tr. 1-sl./8.

Wheat Diseases

Wheat was surveyed only at the 11 northern stations where the following varieties were involved: Thatcher, Selkirk, Saunders, C.T. 229 and C.T. 233. The diseases recorded were:

ROOT ROT (*Bipolaris sorokiniana*, *Fusarium* spp.), Athabasca, 2-tr. 2-sl./5; Beaverlodge, 3-tr./6; Blueberry Mtn., 5-sl./5; Fairview, 1-tr./5; Goodfare, 3-sl. 2-mod./5; High Prairie, 2-tr. 2-sl./5; Wanham, 4-tr. 1-sl./5; Baldonnell, B.C., 2-tr. 2-sl./5; North Pine, B.C., 3-tr. 2-sl./5.

SPECKLED LEAF BLOTCH (*Septoria* spp.), Beaverlodge, 1-sl./6; High Prairie, 5-tr./5; North Pine, B.C., 1-tr./5.

Cereal Diseases in Cooperative Variety Tests in Alberta in 1959

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Twenty-nine plots of 6-rowed varieties of barley and 16 plots of 2-rowed varieties grown at Lacombe were surveyed for disease. In addition, 16 plots at Fallis and 16 at Airdrie were surveyed. The barley diseases were rated as follows:

On 6-rowed barley at Lacombe, scald (*Rhynchosporium secalis*), 14-tr. 10-sl. 2-mod./29; speckled leaf blotch (*Septoria passerinii*), 2-tr. 16-sl. 8-mod. 3-sev./29; net blotch (*Drechslera teres*), 14-tr. 7-sl./29; root rot (*Bipolaris sorokiniana*, *Fusarium* spp.), 9-tr. 2-sl./29; loose smut (*Ustilago nuda*), 4-tr. 3-1%, 1-3%/29; covered smut (*U. hordei*), 1-4%/29.

On 2-rowed barley at Lacombe, scald, 5-tr. 9-sl. 1-mod. 1-sev./16; net blotch, 4-tr. 3-sl./16; root rot, 3-tr. 8-sl./16; speckled leaf blotch, 3-tr. 6-sl. 1-mod./16; loose smut, 1-tr. 1-1%/16; barley false stripe, 1-tr./16.

At Fallis, scald, 4-sl. 12-sev./16; net blotch, 2-tr. 2-sl./16; root rot, 6-tr. 1-sl./16; loose smut, 3-tr. 1-1%/16; and at Airdrie, scald, 3-mod. 13-sev./16; net blotch, 6-tr./16; root rot, 7-tr. 1-sl./16.

Twenty-five plots of wheat and 24 of oats were also surveyed at Lacombe. The disease ratings for wheat were: root rot, 10-tr. 2-sl./25; speckled leaf blotch (*Septoria* spp.), 10-tr. 1-sl./25; loose smut (*Ustilago tritici*), 4-1%, 1-3%/25.

Oat disease ratings at Lacombe were: gray speck, 5-tr. 8-sl. 3-mod./24; and blast, 12-tr. 10-sl./24.

* See footnote, page 1 (D.W.C.).