

Symptoms of Stem Eye Spot

On flowering culms, symptoms varied from vague brown or brown-purple spots, linear in outline, through sharp brown linear streaks to clear eyespots with dark brown or purple-brown margins and white or gray-white centers. Lesions usually did not exceed 1 cm in length but were occasionally confluent. On the exterior of leaf sheaths the outline of a spot was less definite than on the culms; inside the leaf sheath brown streaking was apparent. On culms which had ceased to elongate, spots on the outside of the sheath corresponded with lesions on the stem inside. On culms which were still elongating, lesions on the exerted stems could be related to those on the leaf sheath through which the stem had grown. Spots occurred on the rachis, rachillae and glumes of plants in heavily infected crops. Leaf blade lesions were infrequent.