

Regional Economic Impacts of Fusarium Head Blight in Wheat and Barley

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Abstract

Fusarium Head Blight is a fungus affecting wheat and barley in the upper Midwest region of the United States. The purpose of this study is to estimate the direct and secondary regional economic impacts of Fusarium Head Blight infestations from 1998 to 2000. Cumulative direct production and price impacts from Fusarium Head Blight in hard red spring, soft red winter, durum wheat, and barley are estimated at \$871 million over the period, with secondary economic losses of \$1.8 billion. The total impacts of \$2.7 billion were concentrated in North Dakota and Minnesota, which accounted for 55% of total losses over the period.

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