



LAND OF QUALITY FOODS

OFFICE OF THE COMMISSIONER

## STATE OF MINNESOTA

### DEPARTMENT OF AGRICULTURE

90 W. PLATO BOULEVARD  
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November 3, 1980

#### Notice of Revocation Plant Quarantine 80-1 Head Smut of Corn (Sphacelotheca reiliana)

Notice is given that I, Mark W. Seetin, Commissioner of Agriculture for the State of Minnesota, under authority conferred by Minnesota Statutes 1976, Section 18.48, subdivision 3, do hereby revoke Plant Quarantine No. 80-1, head smut of corn and amendments.

The head smut of corn quarantine is being revoked because it is not effective in containing or suppressing the long distance spread of the organism and control measures are available.

In the three months since the original quarantine was established, laboratory screening of shelled corn has located head smut of corn spores in hybrid seed corn produced in 1977 and stored since then, in hybrid seed of several Minnesota companies, and in random samples of grain corn in elevators from various locations in the state. Based on these significant finds, it is apparent that the organism is widespread in Minnesota and has been in Minnesota for several years.

Information has been obtained indicating that several seed corn hybrids have resistance or tolerance to head smut of corn. There is also a seed treatment now available for control of seed borne head smut of corn spores. Either or both of these control measures coupled with crop rotation and sanitation practices should minimize the damage from head smut of corn.

This notice and quarantine revocation is effective November 3, 1980.

Mark W. Seetin, Commissioner  
Minnesota Department of Agriculture

MWS:crb

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*Jean Anderson Howe*  
Secretary of State

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