

MINNESOTA DEPARTMENT OF AGRICULTURE
PLANT QUARANTINE NO. 80-1 HEAD SMUT OF CORN

August 8, 1980

WHEREAS, it has been determined by the Commissioner of the Minnesota Department of Agriculture that a seriously injurious disease, commonly known as Head Smut of Corn, is present in Minnesota and, if not controlled, will contribute to serious loss and damage to the general welfare and economy of the state.

THEREFORE, under the authority conferred by Minnesota Statutes 1976, Section 18.48, subdivision 1-4, 1, Mark Seetin, Commissioner of Agriculture for the State of Minnesota, do hereby establish a quarantine hereinafter setting forth the name of the pest, the quarantine area, the articles regulated, and the procedures governing movement of regulated articles out of the quarantine area.

PEST: Head Smut of Corn (Sphacelotheca reiliana).

QUARANTINE AREA: Staples Area Vocational-Technical Institute farm, in the county of Wadena, Thomastown Township, Section 26.

REGULATED ARTICLES: Corn, including stalks, leaves, roots, cobs, and kernels. Soil in infested fields. Machinery used in harvesting, plowing, and cultivating of corn fields.

ARTICLES NOT REGULATED: Agricultural crops, other than corn.

REGULATIONS GOVERNING MOVEMENT FROM QUARANTINE AREA: Corn in fields designated infested or seriously infested with Head Smut of Corn by the Minnesota Department of Agriculture, must be handled in the following manner:

Infested Corn Fields - Current year corn after harvest must be shelled and the cobs burned in the quarantine area, or a picker sheller may be used to harvest the field. The shelled corn must be thoroughly ground either in the quarantine area or transported in closed vehicles directly to the nearest facility providing that service, after which the ground corn will not be further regulated. Vehicles transporting the shelled corn must return to the quarantine area immediately after unloading the shelled corn to be disinfested. Current year corn debris after harvest will be burned, if conditions permit, and must be "clean plowed" leaving essentially no exposed plant matter.

Severely Infested Corn Fields - Current year corn in fields designated as severely infested shall be cut immediately in such a manner as to minimize spore dispersal. Use of a silage chopper, rotary mower, or flail mower will not be permitted. The cut corn shall be dried in place and then burned. Following burning, the field shall be "clean plowed" leaving essentially no exposed plant matter.

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Soil in infested fields or severely infested fields must not be removed from such fields or out of the quarantine area.

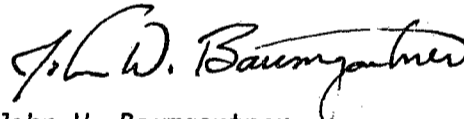
Machinery used in harvesting, plowing or other field preparation of infested or severely infested fields must be cleaned of corn debris and soil before moving from such fields.

It shall be the responsibility of the owners and/or operators in the quarantine area to prevent unauthorized persons from entering onto or removing regulated articles from the quarantine area.

REGULATIONS FOR GROWING FUTURE CROPS: Corn cannot be grown in fields designated infested or severely infested until written permission is received from the Minnesota Department of Agriculture. Any volunteer corn growing in fields designated as infested or severely infested must be removed immediately by the owners and/or operators in the quarantine area.

PENALTY: Any person violating these quarantine regulations is subject to the misdemeanor penalties set forth in Minnesota Statutes 1976, Section 18.60.

This notice and quarantine effective Friday, August 8, 1980.



John W. Baumgartner
Assistant Commissioner

for

Mark Seetin
Commissioner of Agriculture
Minnesota Department of Agriculture
90 West Plato Boulevard
St. Paul, Minnesota 55107

STATE OF MINNESOTA
DEPARTMENT OF STATE
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James Anderson Howe
Secretary of State

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