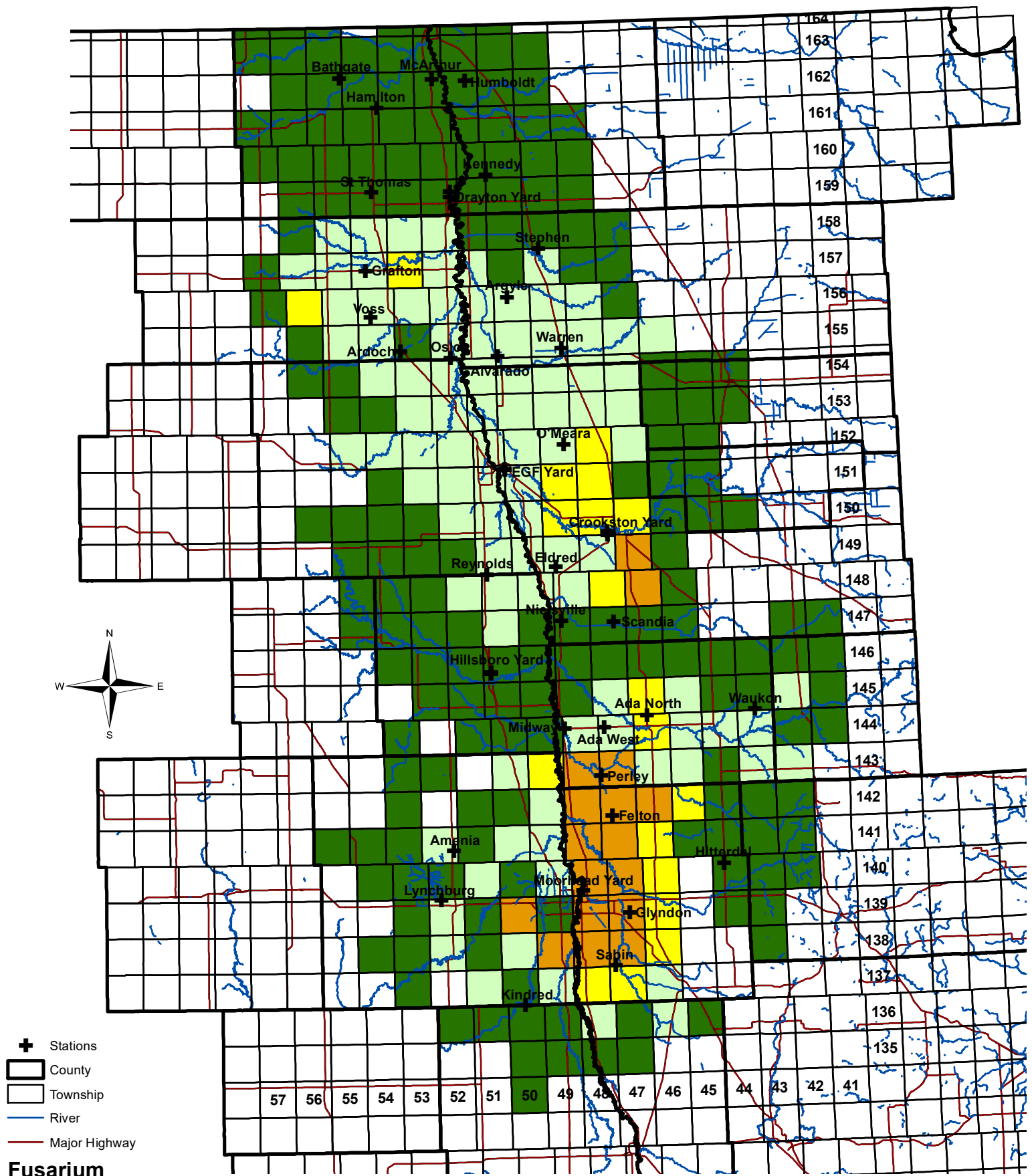


# 2020 Disease Rating\* Fusarium



- ⊕ Stations
  - ▭ County
  - ▭ Township
  - River
  - Major Highway
- Fusarium**
- None
  - Slight
  - Moderate
  - Severe

\* The disease ratings are general in nature and may not be representative of all fields in a township

\*\* Township disease ratings are based on current and historical observations of severity. The highest severity rating for a township is maintained since disease presence can remain in the soil for many years. Selecting proper varieties and production practices reduce disease incidence.



# Fusarium Management\*



| Disease Severity | Management Opportunities  |
|------------------|---|
| <b>Severe</b>    | <ul style="list-style-type: none"><li>▪ Plant varieties with a rating of 3.00 or less, the lower the better</li><li>▪ Use good drainage practices</li><li>▪ Monitor severity change with each sugarbeet crop</li><li>▪ Control alternate weed hosts</li><li>▪ Plant early</li><li>▪ Rent Fusarium-free land</li><li>▪ Consider tile drainage</li><li>▪ Proper crop rotation</li><li>▪ Emphasize excellent insect control of root maggot, springtails, wireworms</li></ul> |
| <b>Moderate</b>  | <ul style="list-style-type: none"><li>▪ Plant varieties with a rating of less than 4.00, the lower the better</li><li>▪ Use good drainage practices</li><li>▪ Monitor severity changes with each beet crop</li><li>▪ Control alternate weed hosts</li><li>▪ Plant early</li><li>▪ Rent Fusarium-free land</li><li>▪ Proper crop rotation</li><li>▪ Emphasize excellent insect control of root maggot, springtails, wireworms</li></ul>                                    |
| <b>Slight</b>    | <ul style="list-style-type: none"><li>▪ Plant varieties with a rating of less than 5.00, the lower the better</li><li>▪ Use good drainage practices</li><li>▪ Monitor severity changes with each beet crop</li><li>▪ Control alternate weed hosts</li><li>▪ Plant early</li><li>▪ Proper crop rotation</li><li>▪ Emphasize excellent insect control of root maggot, springtails, wireworms</li></ul>  |
| <b>None</b>      | <ul style="list-style-type: none"><li>▪ Prevent disease introduction</li><li>▪ Control alternate weed hosts</li><li>▪ Choose any variety - tolerant varieties slow disease development</li><li>▪ Use good drainage practices</li><li>▪ Plant early</li><li>▪ Proper crop rotation</li></ul>   |

\* Management strategies listed in priority order