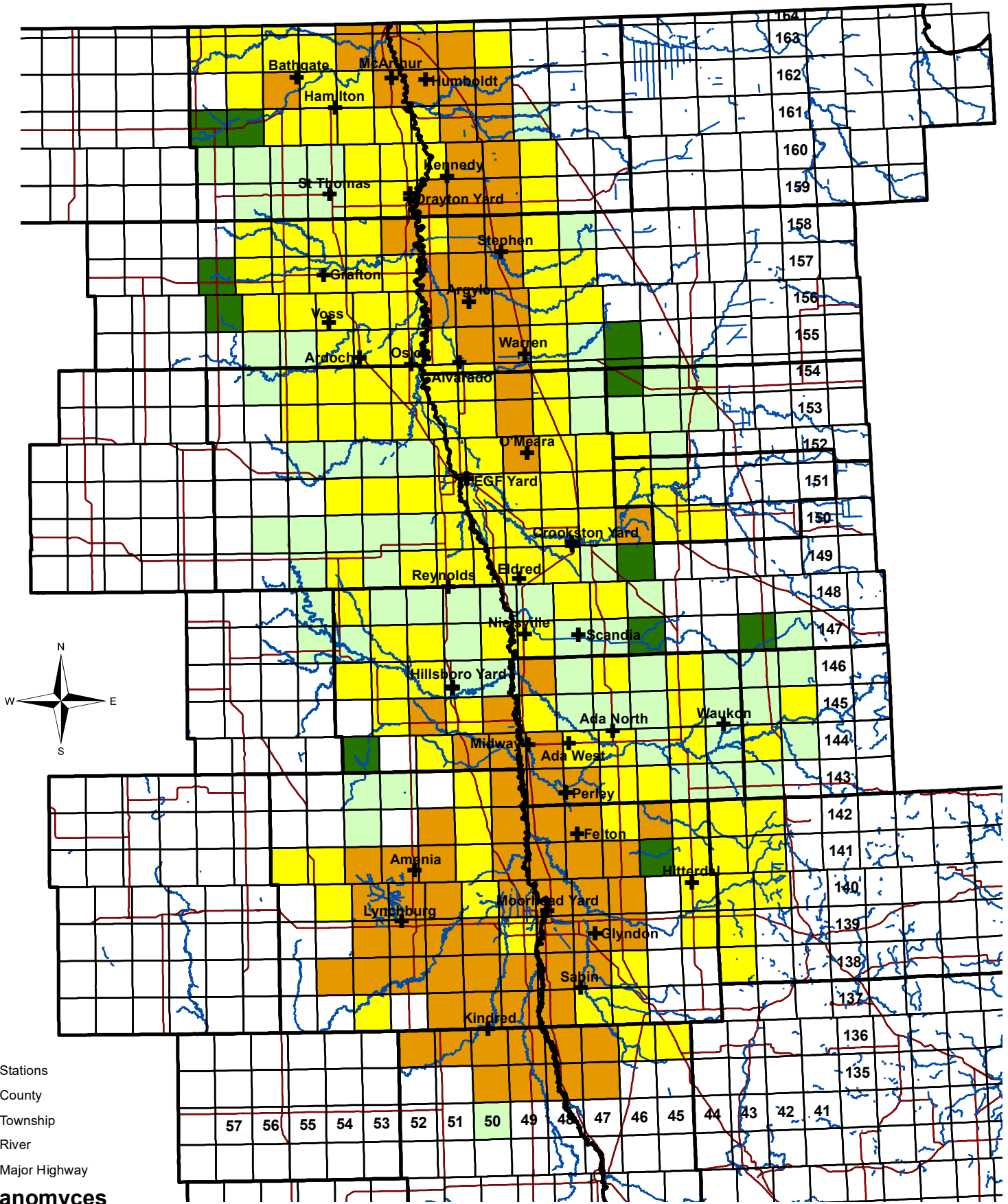


2020 Disease Rating* Aphanomyces



- ⊕ Stations
- ▭ County
- ▭ Township
- River
- Major Highway

Aphanomyces

- 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.

Disease Severity	Management Opportunities
<p>Severe</p>	<ul style="list-style-type: none"> ▪ Plant specialty varieties with a rating of 4.4 or less ▪ Apply Versalime at a rate of 7 dry tons per acre ▪ Plant early ▪ Provide excellent field drainage ▪ Avoid fields with severe loss history if possible ▪ Good weed control, especially of pigweed and lambsquarters ▪ Rent disease-free land if possible ▪ Maximize crop rotation length ▪ Use 45 gram Tachigaren rate ▪ Strongly consider tile drainage ▪ Re-apply Versalime after 5 years ▪ Oat precrop may reduce severity ▪ Control insects
<p>Moderate</p>	<ul style="list-style-type: none"> ▪ Plant higher resistant varieties to slow disease buildup, 4.9 rating or lower ▪ Apply Versalime at a rate of 5-7 dry tons per acre ▪ Plant early ▪ Provide excellent field drainage ▪ Good weed control, especially of pigweed and lambsquarters ▪ Maximize crop rotation length ▪ Use 20 gram Tachigaren rate ▪ Control insects
<p>Slight</p>	<ul style="list-style-type: none"> ▪ Plant higher resistant varieties to slow disease buildup, 4.9 rating or lower ▪ Consider liming to minimize future losses ▪ Plant early ▪ Provide good field drainage ▪ Good weed control, especially of pigweed and lambsquarters ▪ Use long crop rotations ▪ Control insects
<p>None</p>	<ul style="list-style-type: none"> ▪ Prevent introduction of disease ▪ Choose any variety ▪ Good drainage practices ▪ Good weed control, especially of pigweed and lambsquarters ▪ Proper crop rotations

* Management strategies listed in priority order