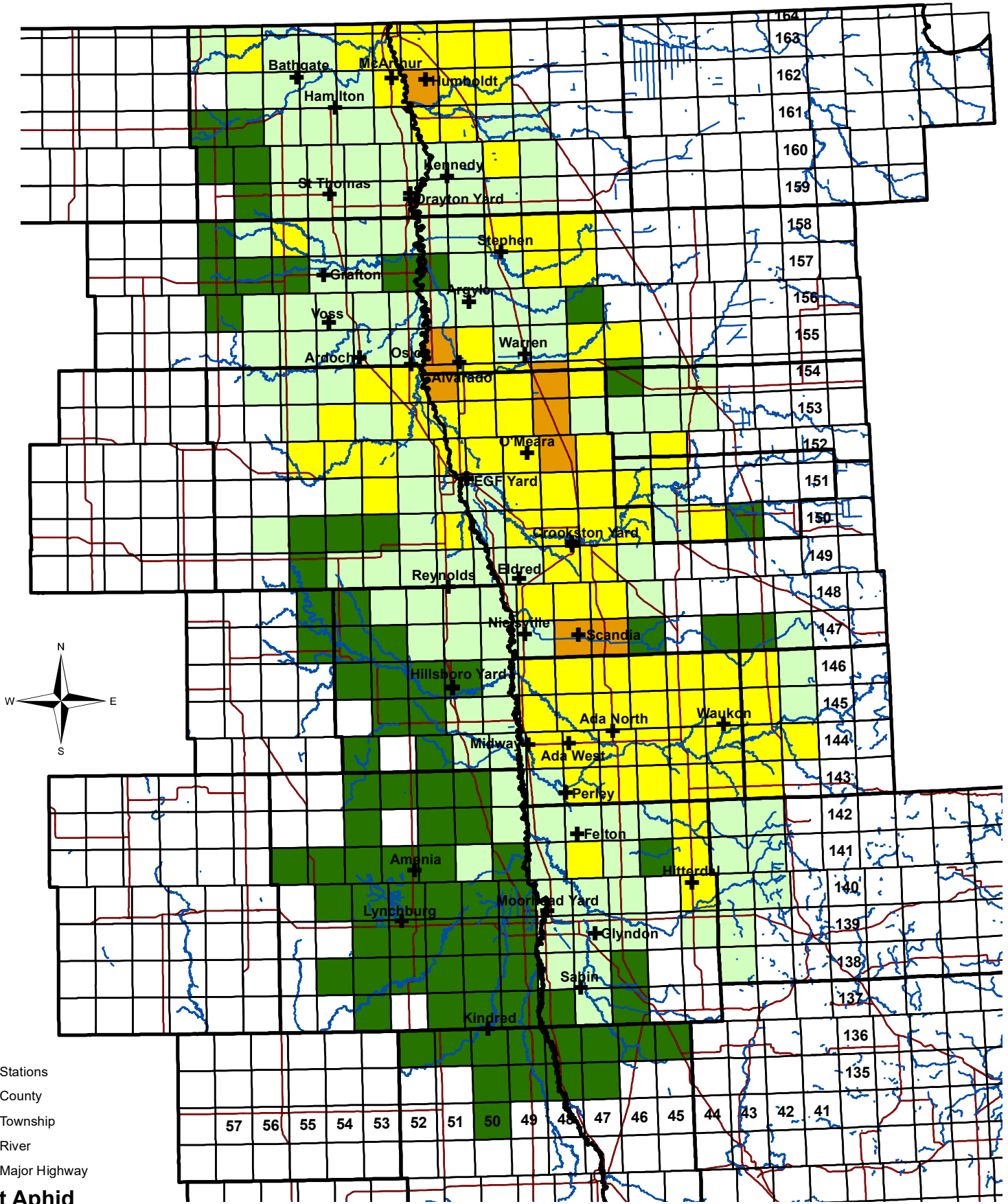


2022 Disease Rating* Root Aphid



- ⊕ Stations
 - ▭ County
 - ▭ Township
 - River
 - Major Highway
- Root Aphid**
- 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.



Root Aphid Management*



Severity	Management Opportunities
Severe	<ul style="list-style-type: none">▪ Plant varieties with Root Aphid rating having HIGH Tolerance▪ Avoid planting sugarbeet fields next to/near previous year sugarbeet fields▪ Utilize crop rotations of 3 years or more▪ Consider POST application of Terbufos (Counter) insecticide▪ Monitor severity change with each sugarbeet crop▪ Control alternate weed hosts (e.g. Pigweed, Curly dock, and Lambsquarters)▪ Plant early▪ Heavier soils (higher clay low sand content) are more prone to cracking and easier entry for Root aphid▪ Dry soil conditions favor insect infestation
Moderate	<ul style="list-style-type: none">▪ Plant varieties with Root Aphid rating having HIGH Tolerance▪ Avoid planting sugarbeet fields next to/near previous year sugarbeet fields▪ Utilize crop rotations of 3 years or more▪ Consider POST application of Terbufos (Counter) insecticide▪ Monitor severity change with each sugarbeet crop▪ Control alternate weed hosts (e.g. Pigweed, Curly dock, and Lambsquarters)▪ Plant early▪ Heavier soils (higher clay low sand content) are more prone to cracking and easier entry for Root aphid▪ Dry soil conditions favor insect infestation
Slight	<ul style="list-style-type: none">▪ Plant varieties with Root Aphid rating having MODERATE Tolerance▪ Avoid planting sugarbeet fields next to/near previous year sugarbeet fields▪ Utilize crop rotations of 2 years or more▪ Monitor severity change with each sugarbeet crop▪ Control alternate weed hosts (e.g. Pigweed, Curly dock, and Lambsquarters)▪ Plant early▪ Heavier soils (higher clay low sand content) are more prone to cracking and easier entry for Root aphid
None	<ul style="list-style-type: none">▪ Plant varieties with Root Aphid rating having MODERATE Tolerance▪ Avoid planting sugarbeet fields next to/near previous year sugarbeet fields▪ Utilize crop rotations of 2 years or more▪ Monitor severity change with each sugarbeet crop▪ Control alternate weed hosts (e.g. Pigweed, Curly dock, and Lambsquarters)▪ Plant early▪ Heavier soils (higher clay low sand content) are more prone to cracking and easier entry for Root aphid

* Management strategies listed in priority order