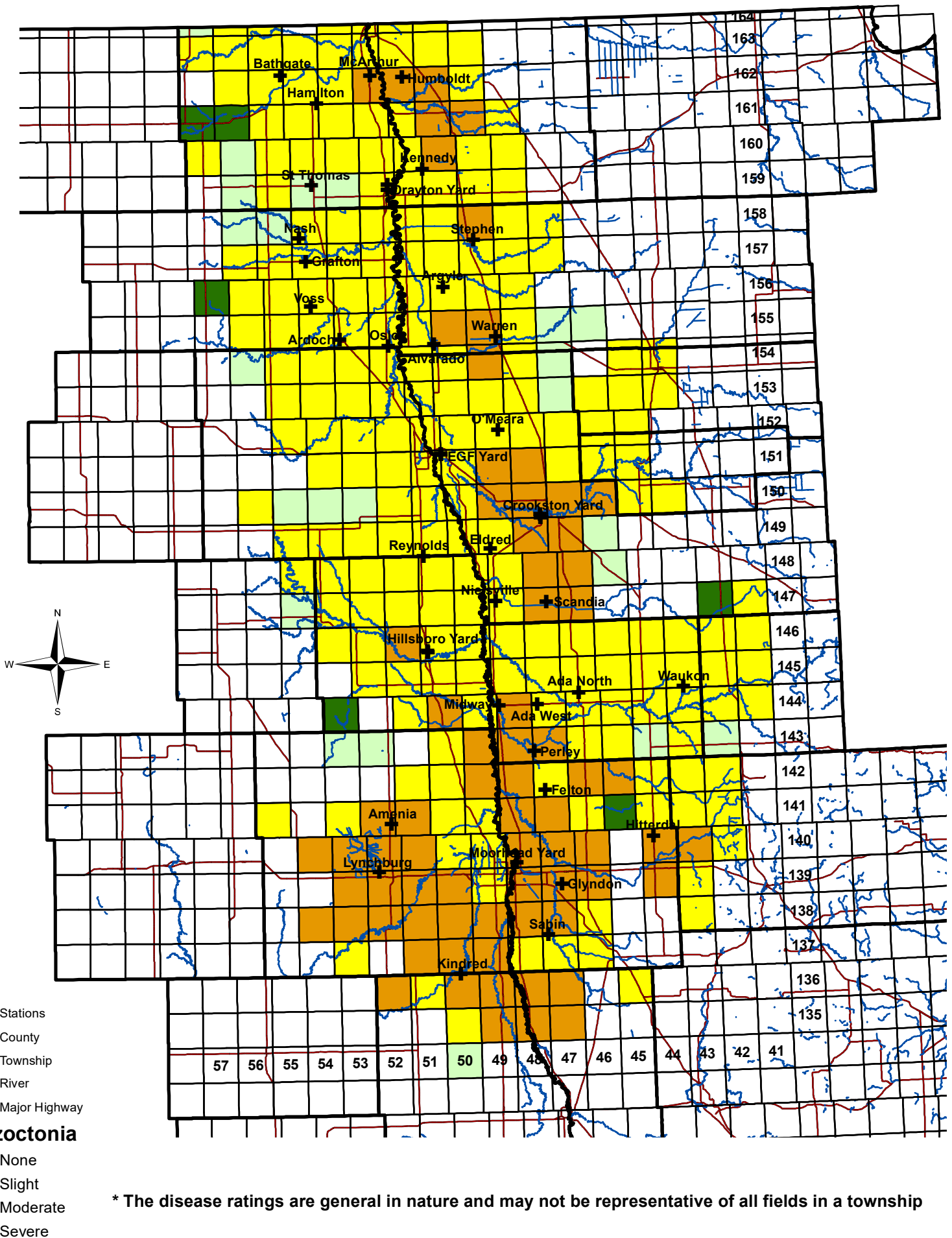


2018 Disease Rating* Rhizoctonia



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



Rhizoctonia Management*



Disease Severity

Management Opportunities

Severe

- Plant varieties with a rating of less than 3.82, the lower the better
- Band apply full rate of fungicide once or twice starting 4-5 weeks after planting
- Use a Rhizoctonia fungicide seed treatment
- Use at-plant Azoxystrobin (AZteroid, if mixing with starter fertilizer)
- Use long crop rotations
- Use good field drainage practices
- Previous crop in rotation should be small grains
- Plant early
- Control alternate weed hosts
- Consider tile drainage
- Rent disease-free land if possible
- Don't practice mechanical weed control
- Consider two small grain crops prior to sugarbeets
- Plant Rhizoctonia resistant soybeans if available
- Effectively control insects
- Control soybean cyst nematodes

Moderate

- Plant varieties with a rating of less than 4.4, the lower the better
- Band apply full rate of fungicide 4-5 weeks after planting
- Use a Rhizoctonia fungicide seed treatment
- Consider using at-plant Azoxystrobin (AZteroid, if mixing with starter fertilizer)
- Use long crop rotations
- Use good field drainage practices
- Previous crop in rotation should be small grains
- Plant early
- Control alternate weed hosts
- Don't practice mechanical weed control
- Effectively control insects
- Control soybean cyst nematodes

Slight

- Plant high yielding resistant varieties with a rating of less than 5.00
- Band apply full rate of fungicide 4-5 weeks after planting
- Use a Rhizoctonia fungicide seed treatment
- Use long crop rotations
- Use good field drainage practices
- Plant early
- Control alternate weed hosts
- Don't practice mechanical weed control
- Effectively control insects
- Control soybean cyst nematodes in rotation

None

- Prevent introduction of disease, use long crop rotations
- Control weeds effectively

* Management strategies listed in priority order

** Consider use of American Crystal Sugar Company Agronomy App to aid in Rhizoctonia management

January, 2019