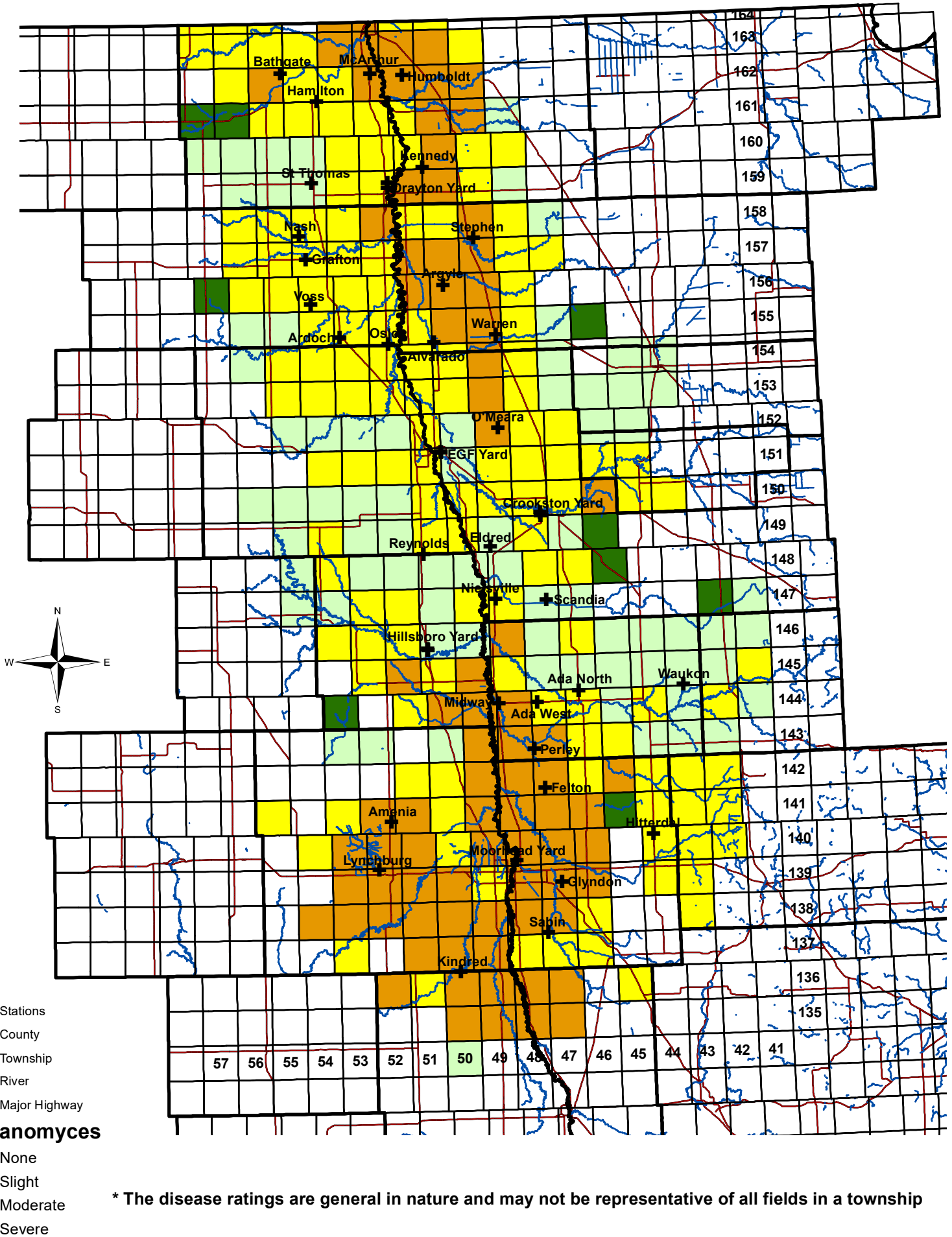


# 2018 Disease Rating\* Aphanomyces



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

\* Management strategies listed in priority order