



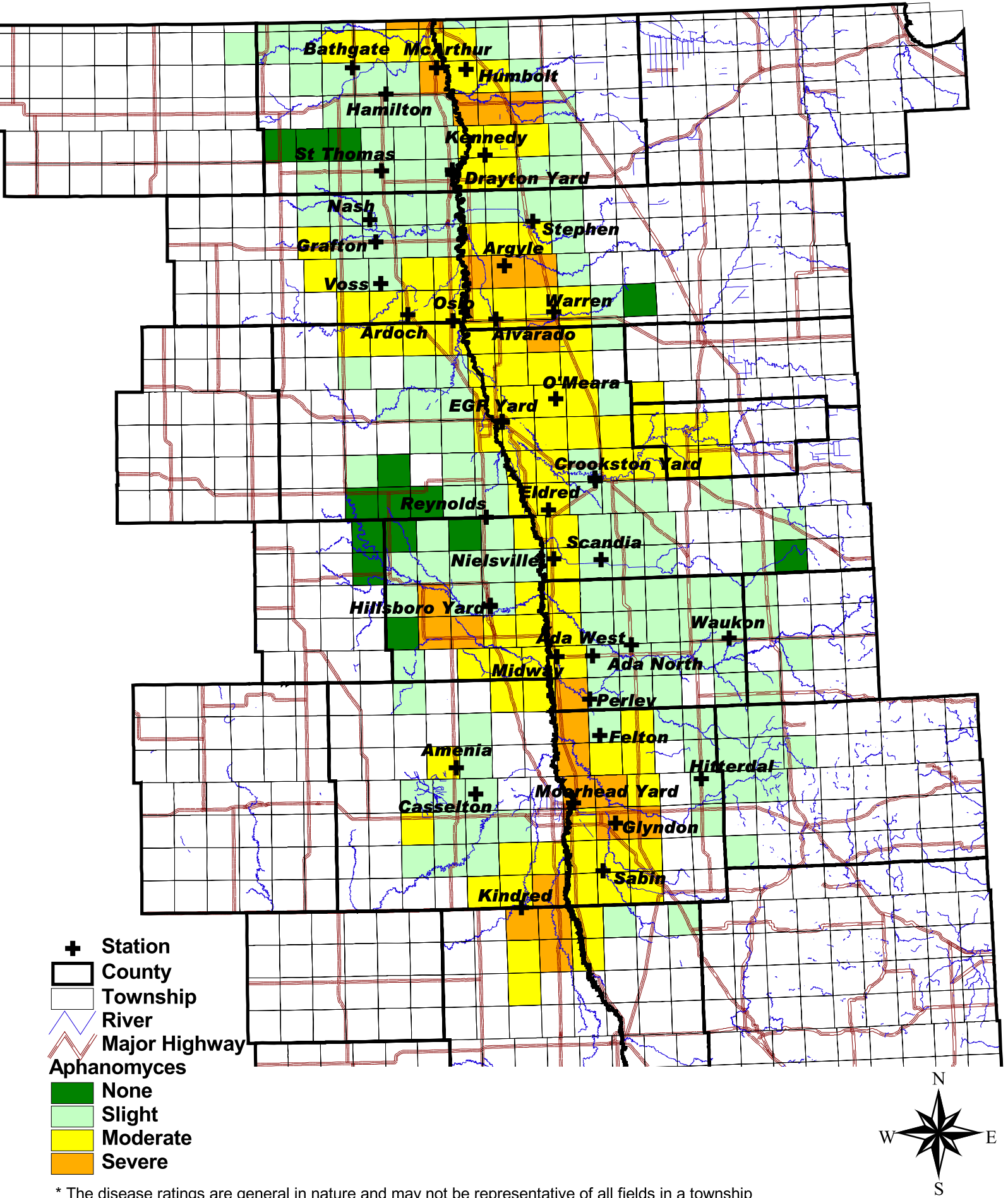
Aphanomyces Management*



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

* Management strategies listed in priority order

2010 Disease Rating * Aphanomyces



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