2016 Disease Rating*
Aphanomyces

* The disease ratings are general in nature and may not be representative of all fields in a township
<table>
<thead>
<tr>
<th>Disease Severity</th>
<th>Management Opportunities</th>
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</table>
| **Severe**       | - 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 |
| **Moderate**     | - 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 |
| **Slight**       | - 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 |
| **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