2018 Disease Rating*
Rhizoctonia

* 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 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 Azaoxystrobin (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 Azaoxystrobin (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  

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