Priaxor fungicide controls disease and maximizes yield potential and seed quality in sorghum

Benefits of Priaxor® Fungicide

- Longer lasting preventative and post infection disease control
- Advanced Plant Health Benefits
- Maximize yield potential and grain quality

Research Results: Yield Benefit

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Lbs/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priaxor fungicide 4 fl oz/A</td>
<td>+ 988 lbs/A</td>
</tr>
<tr>
<td>Headline® fungicide 6 fl oz A</td>
<td>+ 734 lbs/A</td>
</tr>
<tr>
<td>Untreated</td>
<td>6026</td>
</tr>
</tbody>
</table>

2010-2013 BASF sponsored replicated trials (n=11) NE, TX (4), OK, AR (2), LA, TN, KS.

Disease Control and Plant Health Helps Maximize Yields

Untreated 6720 lbs/A  Quilt Xcel® 6888 lbs/A  Priaxor Fungicide 8176 lbs/A

2013 BASF Research conducted in Memphis, TN. Priaxor 4 fl oz/A, Quilt Xcel 10.5 fl oz/A. Applications made 50% heading. Disease is gray leaf spot.
**Field Evaluations of Gray Leaf Spot Control**

<table>
<thead>
<tr>
<th>% Gray Leaf Spot Severity</th>
<th>Untreated</th>
<th>Quilt Xcel® 10.5 fl oz/A</th>
<th>Priaxor® fungicide 4 fl oz/A</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>89</td>
<td>3</td>
</tr>
</tbody>
</table>

2012-2013 BASF sponsored small plot research (n=2) Texas.

**Best Use Recommendations**

- **Use Rate:** 4–8 fl oz/A
- **Best Application Timing:** Head emergence to 25% bloom
- **Non-ionic surfactant at 0.25% v/v**
- **PHI = 21 days**
- **Apply only one application per season**

**Target Diseases**

- Anthracnose (*Colletotrichum gramincola*)
- Gray leaf spot (*Cercospora spp.*)
- Northern leaf blight (*Exserohilum turcicum*)
- Rust (*Puccinia spp.*)
- Southern leaf blight (*Bipolaris spp.*)

**Maximize Yield Potential with Priaxor Fungicide**

<table>
<thead>
<tr>
<th>Lbs/A</th>
<th>Untreated</th>
<th>Quilt Xcel® 10.5 fl oz/A</th>
<th>Aproach® 9 fl oz/A</th>
<th>Priaxor fungicide 4 fl oz/A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4654</td>
<td>6121</td>
<td>6692</td>
<td>7157</td>
</tr>
</tbody>
</table>

2012-2013 BASF sponsored small plot research (n=2) Texas.