### Fungicide Evaluations for Suppression of Fusarium Head Blight (Scab) Durum Wheat Evaluation

<table>
<thead>
<tr>
<th>ID</th>
<th>Fungicide Treatment</th>
<th>Product Rate/Acre</th>
<th>Application Timing</th>
<th>Grain Yield</th>
<th>Test Weight</th>
<th>1000 Grain Protein</th>
<th>Leaf Disease Incid.</th>
<th>Head Severity</th>
<th>Plot Severity Don</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Untreated Check</td>
<td>NA</td>
<td>NA</td>
<td>41.1</td>
<td>56.1</td>
<td>29.9</td>
<td>15.6</td>
<td>73.0</td>
<td>92.1</td>
</tr>
<tr>
<td>2</td>
<td>Folicur + NIS</td>
<td>4.0 fl oz + 0.125 % v/v</td>
<td>10.51</td>
<td>51.0</td>
<td>58.7</td>
<td>34.1</td>
<td>15.5</td>
<td>28.0</td>
<td>90.0</td>
</tr>
<tr>
<td>3</td>
<td>AMS 21619 + NIS</td>
<td>5.7 fl oz + 0.125 % v/v</td>
<td>10.51</td>
<td>51.0</td>
<td>59.0</td>
<td>34.2</td>
<td>15.5</td>
<td>33.5</td>
<td>84.2</td>
</tr>
<tr>
<td>4</td>
<td>BAS 505 + NIS</td>
<td>0.4 lb + 0.125 % v/v (??)</td>
<td>10.51</td>
<td>54.1</td>
<td>59.3</td>
<td>34.7</td>
<td>15.3</td>
<td>29.3</td>
<td>93.3</td>
</tr>
<tr>
<td>5</td>
<td>OH 182.9 + NIS (UDSA Bio.)</td>
<td></td>
<td>10.51</td>
<td>40.9</td>
<td>56.9</td>
<td>31.0</td>
<td>15.2</td>
<td>43.3</td>
<td>90.8</td>
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<tr>
<td>6</td>
<td>Folicur + NIS</td>
<td>4.0 fl oz + 0.125 % v/v</td>
<td>7 days post 10.51</td>
<td>51.0</td>
<td>58.5</td>
<td>33.2</td>
<td>15.2</td>
<td>29.0</td>
<td>95.8</td>
</tr>
<tr>
<td>7</td>
<td>AMS 21619 + NIS</td>
<td>5.7 fl oz + 0.125 % v/v</td>
<td>7 days post 10.51</td>
<td>51.9</td>
<td>59.2</td>
<td>34.9</td>
<td>15.1</td>
<td>24.0</td>
<td>88.3</td>
</tr>
<tr>
<td>8</td>
<td>AMS 21619 + Folicur + NIS</td>
<td>3.6 fl oz + 4.0 fl oz + 0.125 % v/v</td>
<td>10.51</td>
<td>56.1</td>
<td>59.4</td>
<td>34.9</td>
<td>15.0</td>
<td>32.0</td>
<td>92.5</td>
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<tr>
<td>9</td>
<td>Tilt + NIS</td>
<td>4.0 fl oz + 0.125 % v/v</td>
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<td>47.7</td>
<td>58.2</td>
<td>34.9</td>
<td>15.3</td>
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<td>94.2</td>
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<td>10</td>
<td>Folicur + NIS</td>
<td>2.0 fl oz + 0.125 % v/v</td>
<td>10.51 + 7 days</td>
<td>50.8</td>
<td>58.5</td>
<td>34.2</td>
<td>15.3</td>
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<tr>
<td>11</td>
<td>AMS 21619 + NIS</td>
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<td>53.2</td>
<td>59.1</td>
<td>34.6</td>
<td>15.3</td>
<td>23.3</td>
<td>84.2</td>
</tr>
<tr>
<td>12</td>
<td>Stratego</td>
<td>10 fl oz + 0.125 % v/v</td>
<td>10.51</td>
<td>48.7</td>
<td>57.9</td>
<td>32.8</td>
<td>15.3</td>
<td>24.8</td>
<td>93.3</td>
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<tr>
<td>13</td>
<td>Headline</td>
<td>6 fl oz + 0.125 % v/v</td>
<td>10.51</td>
<td>51.1</td>
<td>58.4</td>
<td>35.7</td>
<td>15.5</td>
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<td>84.2</td>
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<tr>
<td>14</td>
<td>PropiMax + NIS</td>
<td>4.0 fl oz + 0.125 % v/v</td>
<td>10.51</td>
<td>46.5</td>
<td>57.7</td>
<td>33.3</td>
<td>15.3</td>
<td>30.8</td>
<td>92.5</td>
</tr>
<tr>
<td>15</td>
<td>BAS 505 + NIS</td>
<td>0.4 lb + 0.125 % v/v (??)</td>
<td>7 days post 10.51</td>
<td>46.1</td>
<td>58.2</td>
<td>33.7</td>
<td>15.4</td>
<td>36.5</td>
<td>95.8</td>
</tr>
</tbody>
</table>

**Mean:**
- Grain yield: 48.9
- Test weight: 58.2
- 1000 KWT: 33.5
- Protein: 15.3
- Disease: 35.1
- Head severity: 90.8
- Plot severity: 44.5
- Don: 40.9
- CV: 2.3

**C.V.:**
- Grain yield: 8.9
- Test weight: 1.5
- 1000 KWT: 6.0
- Protein: 2.0
- Disease: 10.6
- Head severity: 7
- Plot severity: 25.3
- Don: 27.0
- LSD: 22.8

**LSD.05:**
- Grain yield: 6.2
- Test weight: 1.3
- 1000 KWT: 2.9
- Protein: 5.3
- Disease: NS
- Head severity: NS
- Plot severity: NS
- Don: 0.7

**LSD.01:**
- Grain yield: 8.3
- Test weight: 1.7
- 1000 KWT: 3.9
- Protein: 7.1
- Disease: NS
- Head severity: NS
- Plot severity: NS
- Don: 1.0

**#REPS:**
- 4

**LSD.10:**
- 7.3

**Notes:**
- All treatment applications were made at Feeke's growth stage 10.51 unless noted.
- Treatments 1 through 5 and 8 are part of Uniform Scab Fungicide Evaluation effort.
- 'Induce' was the NIS product utilized.
- Treatments applied with 17.0 gallons of water per acre at 35 psi pressure using 8002 Twinjet tips.
- Durum Wheat Cultivar = Munich; Planting Rate = 1.6 million PLS
- Planting Date = May 3 ; Harvest Date = August 19 ; Previous Crop = Soybean (*wheat straw distributed)*