# Lentils

## SEED TREATMENT

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Application</th>
<th>Dosage&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Control&lt;sup&gt;2&lt;/sup&gt; of Seedling Blights&lt;sup&gt;3&lt;/sup&gt;</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| Azoxystrobin  
Dynasty 9.6%, Protege 9.6% | Slurry | 0.153-0.765 fl oz/cwt | X | For seed-borne and soil-borne fungi. Not for Pythium if used alone. |
| Fludioxonil  
Maxim 4FS, 40.3% | Slurry | 0.08-0.16 fl oz/cwt | X | For seed-borne and soil-borne fungi. |
| Mefenoxam  
Apron XL LS, 32.3% | Slurry or mist | 0.32-0.64 fl oz/cwt | X | Use 0.32-0.64 fl oz/cwt for Pythium damping off. For early season Phytophthora, use 0.64 fl oz/cwt. |
| Mefenoxam + Fludioxonil  
Apron Maxx RTU 1.1%:0.73% | Slurry | 5 fl oz/cwt | X | For protection against damping-off and seed rots. |
| Mefenoxam + Fludioxonil + Thiamethoxam  
Cruiser Maxx 1.7%:1.12%:22.61% | Slurry or mist | 3 fl oz/cwt | X | |
| Metalaxy  
Aquire, 28.39%  
Allegiance FL, 28.35%  
Sebring 318 FS  
Allegiance Dry Seed Protectant, 12.5%  
Dyna-Shield, 28.35% | Slurry or mist | 0.75 fl oz/cwt | X | Metalaxy controls only Pythium. |
| Pyraclostrobin  
Stamina, 18.4% | Slurry or mist | 0.4-1.5 fl oz/cwt | X | |
| Thiabendazole  
Mertect 340-F, 42.3% | Slurry | 1.05 fl oz/cwt | X | For seed-borne control of *Ascochyta rabiei*. |
| Trifloxystrobin  
Trilex, 22% | Slurry | 0.32 fl oz/cwt | X | For seed-borne and soil-borne fungi. |
| Trifloxystrobin + Metalaxy  
Trilex 2000, 7.12%:5.69% | Slurry or mist | 1.0 fl oz/cwt | X | |

<sup>1</sup>Dosage = amount of formulated product to apply.

<sup>2</sup>X = product labeled for crop and disease; Blank = product not labeled for specific disease.

<sup>3</sup>Seedling blights due to various fungal infections of seed.

**Note:** Some seed treatments may affect Rhizobia inoculants; read inoculant label for specific information.
# Lentils

## FOLIAR SPRAYS

<table>
<thead>
<tr>
<th>Chemical (Fungicide Group)</th>
<th>Application¹</th>
<th>Dosage²</th>
<th>Ascochyta Control³</th>
<th>Anthracnose Control³</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Bacillus subtilis</em> strain QST 713 (44) Serenade ASO</td>
<td>Spray or fungigation</td>
<td>2-6 qt/A</td>
<td></td>
<td></td>
<td>Begin applications when environmental conditions and plant stage are conducive to disease development.</td>
</tr>
<tr>
<td>Boscalid (7) Endura, 70%</td>
<td>Spray or fungigation</td>
<td>8-11oz/A</td>
<td>X</td>
<td></td>
<td>Begin applications prior to disease development and repeat on a 5- to 14-day interval. Do not make more than 2 applications per season (22 oz/A/season).</td>
</tr>
<tr>
<td>Prothioconazole (3) Proline 480 SC, 41%</td>
<td>Spray</td>
<td>5.0-5.7 fl oz/A</td>
<td>X</td>
<td></td>
<td>Apply at early flowering or at the first sign of disease. Use the higher rate when conditions are favorable for severe disease pressure and/or when growing more susceptible varieties. Do not make more than 3 applications per year. Repeat applications as needed on a 10- to 14-day interval. Do not apply within 7 days of cutting or swathing the crop for harvest.</td>
</tr>
<tr>
<td>Qols</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Resistance Statement 5.</td>
</tr>
<tr>
<td>Azoxystrobin (11) Quadris, 22.9%</td>
<td>Spray or fungigation</td>
<td>6.2-11oz/A</td>
<td>X</td>
<td>X</td>
<td>Begin applications prior to disease development and continue on a 7- to 14-day interval. Do not apply more than 2.88 qt/A/season for Quadris.</td>
</tr>
<tr>
<td>Pyraclostrobin (11) Headline, 23.6% Headline SC, 23.3%</td>
<td>Spray or fungigation</td>
<td>6-9 fl oz/A</td>
<td>X</td>
<td>X</td>
<td>Begin applications prior to disease development and repeat on a 7- to 14-day interval if conditions are conducive for disease development.</td>
</tr>
</tbody>
</table>

¹Spray = ground or aerial; Fungigation = application through sprinkler irrigation system.
²Dosage = amount of formulated product to apply.
³X = product labeled for crop and disease; Blank = product not labeled for specific disease.
⁴See fungicide resistance management statements on Page 10.