# Louisiana Commercial Citrus Disease Spray Schedule

Check the chemical labels for safe handling, application procedures and usage restrictions. It is against the law to apply chemicals not recommended for citrus. Do not apply in excess of the label recommended rates.

<table>
<thead>
<tr>
<th>Season</th>
<th>Citrus Variety</th>
<th>Fungicide (FRAC)</th>
<th>Dose (per acre)</th>
<th>Target Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early spring</td>
<td>Grapefruit Oranges Satsuma</td>
<td>Fixed coppers¹ (M) Abound² (11) Enable 2F (3) Gem 500SC (11) Headline, Headline SC (11) Pristine (7+11) Quadris Top² (11+3)</td>
<td>See label rates 12.0-15.5 fl oz 8.0 fl oz 1.9-3.8 fl oz See label rates 16-18.5 oz See label rates</td>
<td>Citrus canker (fixed copper) suppression only Citrus scab Melanose Post-bloom fruit drop Sweet orange scab</td>
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<tr>
<td>Mid to late spring</td>
<td>Grapefruit Kumquats Oranges Satsumas</td>
<td>Abound² (11) Enable 2F (3) Gem 500SC (11) Headline, Headline SC (11) Pristine (7+11) Quadris Top² (11+3) Amtide propiconazole 41.8EC³ (3) Banner MAX³, MAX II³ (3) Bumper ES³, Bumper 41.8EC³ (3) Fitness³ (3) Quilt³ (11+3)</td>
<td>12-15.5 fl oz 8 fl oz 1.9-3.8 fl oz See label rates 16-18.5 oz See label rates 6-8 fl oz 20-24 fl oz/100 gal 6-8 fl oz 6-8 fl oz 20.5-27.5 fl oz</td>
<td>Anthracnose (leaves) Citrus scab Greasy leaf spot Melanose Post-bloom fruit drop Sweet orange scab Do not apply fungicides containing propiconazole as an active ingredient on fruit bearing citrus trees within 1 year of harvest (PHI= 1 year)</td>
</tr>
<tr>
<td>Summer</td>
<td>All citrus</td>
<td>Fixed coppers¹ (M) Abound² (11) Enable 2F (3) Gem 500SC (11) Headline, Headline SC (11) Pristine (7+11) Quadris Top² (11+3)</td>
<td>See label rates 12-15.5 fl oz 8 fl oz 1.9-3.8 fl oz See label rates 16-18.5 oz See label rates</td>
<td>Citrus canker (fixed copper) suppression only Anthracnose (leaves) Citrus scab Greasy leaf spot Melanose Sweet orange scab</td>
</tr>
<tr>
<td>Crop Ref. Ind.</td>
<td>Crop</td>
<td>Treatment</td>
<td>Rate</td>
<td>Comments</td>
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</tbody>
</table>
| Amtide propiconazole 41.8EC<sup>3</sup> (3)  
Banner MAX<sup>3</sup>, MAX II<sup>3</sup> (3)  
Bumper ES<sup>3</sup>, Bumper 41.8EC<sup>3</sup> (3)  
Fitness<sup>3</sup> (3)  
Quilt<sup>3</sup> (11+3) | 6-8 fl oz  
20-24 fl oz/100 gal  
6-8 fl oz  
6-8 fl oz  
20.5-27.5 fl oz | Do not apply fungicides containing propiconazole as an active ingredient on fruit bearing citrus trees within 1 year of harvest (PHI= 1 year) |

**Fall (October to November)**

All citrus  
*Fixed coppers<sup>1</sup>*  
Abound<sup>2</sup> (11)  
Fungi-Phite (33)  
Graduate A+ (11+12)  
Aliette WDG<sup>4</sup> (33)  
Ridomil Gold SL (4)  
Ultra Flourish (4)

12-15.5 fl oz  
2 qtqt/100 gal  
32-64 fl oz/100 gal  
5 lb  
See label rates  
See label rates  
Citrus canker (fixed copper)  
(suppression only)  
Anthracnose (leaves & fruit)  
Brown rot  
Penicillium decays (Green, blue & whisker molds) (suppression only with Fungi-Phite)  
Do not apply Alliette on fruit bearing citrus trees for brown rot within 30 days of harvest (PHI=30 days)

**Soil treatment (pre-planting or during growing season)**

All citrus  
*Aliette WDG<sup>4</sup>(33)*  
Fungi-Phite (33)  
Helena Prophyt (33)  
Phostrol (33)  
Ridomil Gold SL (4)  
Ultra Flourish (4)

5 lb  
2 qt/100 gal  
4 pt  
4.5 pt  
See label rates  
See label rates  
Phytophthora root rot/foot rot/gummosis  
Do not apply Alliette on fruit bearing citrus trees within 30 days of harvest (PHI= 30 days)

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<sup>1</sup> Follow label rates specified on the copper fungicide used. Do not use copper during bloom. Do not mix copper with other pesticides. Do not use more than 4 times per season. Do not use on tangerine, tangelos, red grapefruit or red blush grapefruit.

<sup>2</sup> Do not use on propagation nurseries.

<sup>3</sup> Do not apply fungicides containing propiconazole as an active ingredient on fruit bearing citrus trees within 1 year of harvest (PHI= 1 year).

<sup>4</sup> Do not apply Alliette on fruit bearing citrus trees as foliar or soil treatments within 30 days of harvest (PHI=30 days).

Authors: Raj Singh, Associate Professor and Director, LSU AgCenter, Monique De Souza, Research Associate, Plant Diagnostic Center, LSU AgCenter and Joe Willis, Extension Agent, Horticulture, LSU AgCenter