ProTone® SG Plant Growth Regulator for Post-Bloom Thinning

ProTone® SG Plant Growth Regulator is now registered for post-bloom pear thinning. The active ingredient in ProTone is abscisic acid, a naturally occurring plant hormone that maximizes crop load management strategies in European pear varieties.

- **Flexible**—Can be applied anytime between 5–20 mm fruitlet diameter when weather conditions are favorable
- **Organic**—NOP compliant and OMRI listed for organic production

**ProTone on Bartlett Pears**

*ProTone* applied at 10–12 mm to Bartlett pears

Location: Methow, Washington

Application volume: 139 gal/A

Source: Valent

**Thinning with ProTone**

*ProTone Treated Bartlett Pears* vs. *Untreated*

Note the thinning of clusters down to singles
ProTone®
PLANT GROWTH REGULATOR

How To Use

<table>
<thead>
<tr>
<th>Rate</th>
<th>6.6–33.1 ounces (188–938 grams)/A. Use higher rates in well cross-pollinated blocks or varieties that have a history of being difficult to thin.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timing</td>
<td>Apply any time between 5 mm and 20 mm average fruitlet diameter when the weather forecast is favorable for product performance as noted below</td>
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<tr>
<td>Method</td>
<td>Apply by ground in a sufficient volume of water to ensure thorough coverage without runoff. In most cases, spray volumes of 100 gal/A have been shown to be adequate. Excessive volumes of water that result in run-off can cause foliar injury.</td>
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<tr>
<td>REI</td>
<td>4 hours</td>
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Other Important Information

- Apply in the morning or evening when weather conditions are best for slow drying (cooler temperatures and higher humidity). Avoid application over heavy dew as excessive run-off may occur. Air temperature during application should not exceed 85°F.
- Direct 80% of the spray into the upper ⅔ of the tree canopy
- Product performs best at a spray tank pH between 5 and 7. Do not exceed pH of 8.5.
- Spray trees only to wet. Excessive water volumes that result in run-off can cause foliar injury.
- Use of a nonionic surfactant at a final adjuvant concentration directed by the manufacturer can enhance performance
- Temperatures and weather conditions during application and the following 2–3 days can affect product performance. For further information, consult your Valent Agricultural Specialist (800-6-VALENT).
- For best results, apply when the weather forecast calls for either or both of the following conditions: 2–3 consecutive days of significant cloud cover; and/or 2–3 consecutive days of daytime high temperatures of at least 75°F
- ProTone® has been shown to be highly synergistic with other thinning agents. Use caution if tank mixing with any other thinning products as over-thinning may result.