Cutless® Granular

Bringing out the best in Landscape Growth Regulation

Product Use Guide

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New 01/23/17.
Precent Increase in Flowering of Confederate Jasmine

Percent Increase (%)

June September

Precent Reduction in Shoot Growth of Confederate Jasmine

Percent Reduction (%)

June September

Precent Reduction in Plant Water Use in Cape Honeysuckle

Percent Reduction (%)

Days after Application

Cutless Granular Landscape Growth Regulator is formulated to provide consistent performance, unmatched plant safety, and systemic activity—a combination only found in Cutless Granular.

The SePRO proprietary active ingredient in Cutless Granular—flurprimidol—is root absorbed and distributed evenly within a plant via water movement throughout the plant. Once inside, flurprimidol systemically inhibits gibberellic acid (GA) biosynthesis, the plant hormone responsible for cell elongation and expansion, ensuring consistent regulation.

**Features and Benefits of Cutless Granular**

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
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</thead>
<tbody>
<tr>
<td>Systemic</td>
<td>Flurprimidol is root absorbed and distributed evenly throughout a plant via water movement throughout the plant.</td>
</tr>
<tr>
<td>Broad-Spectrum</td>
<td>Effectiveness on a wide range of species ensures consistent regulation across your landscape.</td>
</tr>
<tr>
<td>Long-Lasting</td>
<td>Several months of regulation following application means fewer applications for better results.</td>
</tr>
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<td>Promotes Flowering</td>
<td>Some species will increase flowering following application, improving beauty of the landscape.</td>
</tr>
<tr>
<td>Cost Effective</td>
<td>Research has demonstrated shoot growth can be reduced up to 75% and green waste reduced up to 60%.</td>
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<tr>
<td>Forgiving</td>
<td>Flurprimidol has low phytotoxicity potential. You don’t have to sacrifice plant appearance.</td>
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<tr>
<td>Residue Free</td>
<td>No unsightly residue remains on the leaf surface following application. In addition, worker exposure is minimized.</td>
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<td>Unique Activity</td>
<td>Cutless Granular is the only granular, systemic, landscape growth regulator for small to medium sized landscape ornamentals available.</td>
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Cutless Granular is the only granular, systemic, landscape growth regulator for small to medium sized landscape ornamentals. No unsightly residue remains on the leaf surface following application. In addition, worker exposure is minimized. Research has demonstrated shoot growth can be reduced up to 75% and green waste reduced up to 60%. Flurprimidol has low phytotoxicity potential. You don’t have to sacrifice plant appearance. Cutless Granular is the only granular, systemic, landscape growth regulator for small to medium sized landscape ornamentals available.

**Cutless Granular Landscape Growth Regulator**

Cutless Granular is the only granular, systemic, landscape growth regulator for small to medium sized landscape ornamentals. No unsightly residue remains on the leaf surface following application. In addition, worker exposure is minimized. Research has demonstrated shoot growth can be reduced up to 75% and green waste reduced up to 60%. Flurprimidol has low phytotoxicity potential. You don’t have to sacrifice plant appearance. Cutless Granular is the only granular, systemic, landscape growth regulator for small to medium sized landscape ornamentals available.

**When to apply Cutless Granular**

Apply Cutless Granular for growth suppression as needed to actively growing, healthy landscape ornamentals. Only apply when rainfall is expected, or the treated area can be irrigated with 1/2” of water following application. Repeat applications should be applied every 2 to 6 months or when growth regulation is no longer visible. For extremely aggressive and vigorous landscape ornamentals, pruning or shaping should occur 4 weeks following application. Repeat applications should be applied every 2 to 6 months or when growth regulation is no longer evident.

**Application Rate Recommendations** (Based on drip-line area of treated plants)

<table>
<thead>
<tr>
<th>Landscape Ornamentals</th>
<th>Plant Height (ft)</th>
<th>Cutless Granular Landscape Growth Regulator (lb/1000 ft²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perennial non-woody ground covers and herbaceous landscape ornamentals</td>
<td>0 - 4 ft</td>
<td>5</td>
</tr>
<tr>
<td>Examples include: Lantana, Asiatic Jasmine, Plumbago, Duranta</td>
<td>4 - 8 ft</td>
<td>15</td>
</tr>
<tr>
<td>Perennial woody ground covers and woody ornamental shrubs and hedges</td>
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<td>10</td>
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<td>Examples include: Ficus, Ligustrum, Viburnum Ellagaucus, Holly, Jasmine, Spirea, Ground Ivy, Vinca Minor, Hibiscus, Euonymus, Boxwood, Flesbush</td>
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1. Dripline
2. Rate
3. Calculate
4. Weight
5. Water
6. Shape

**6 easy steps to Cutless Granular application**

1. Dripline: Determine the dripline area (ft²) beneath the plants.
2. Rate: Select the rate specific to the target plants.
3. Calculate: Determine the amount of Cutless Granular needed. Weigh out the material needed to treat the target area.
4. Weight: Weigh out the material needed to treat the target area.
5. Water: Water in with at least 1/2” of irrigation, or rainfall.
6. Shape: Trim and reshape 4 weeks following application.

**Benefits**

- Enhanced flowering in hours after treatment with Cutless Granular.
- Forgiving
- Cost Effective
- Promotes Flowering
- Long-Lasting
- Broad-Spectrum
- Systemic
- Versatile
- No Unsightly Residue
- Worker Safety
- Systemic Activity
- Quick Results

**Features**

- Flurprimidol is root absorbed and distributed evenly throughout the plant via water movement throughout the plant.
- Effectiveness on a wide range of species ensures consistent regulation across your landscape.
- Several months of regulation following application means fewer applications for better results.
- Some species will increase flowering following application, improving beauty of the landscape.
- Research has demonstrated shoot growth can be reduced up to 75% and green waste reduced up to 60%.
- Flurprimidol has low phytotoxicity potential. You don’t have to sacrifice plant appearance.
- No unsightly residue remains on the leaf surface following application. In addition, worker exposure is minimized.
- Cutless Granular is the only granular, systemic, landscape growth regulator for small to medium sized landscape ornamentals available.
Precent Increase in Flowering of Confederate Jasmine

Precent Reduction in Shoot Growth of Confederate Jasmine

Cutless Granular Landscape Growth Regulator is formulated to provide consistent performance, unmatched plant safety, and systemic activity—a combination only found in Cutless Granular.

The SePRO proprietary active ingredient in Cutless Granular—flurprimidol—is root absorbed and distributed evenly within a plant via water movement throughout the plant. Once inside, flurprimidol systemically inhibits gibberellic acid (GA) biosynthesis, the plant hormone responsible for cell elongation and expansion, ensuring consistent regulation.

Cutless Granular Landscape Growth Regulator is formulated to provide consistent performance, unmatched plant safety, and systemic activity—a combination only found in Cutless Granular.

Unique Activity

Cutless Granular is the only granular, systemic, landscape growth regulator for small to medium sized landscape ornamentals available.

Features and Benefits of Cutless Granular

Features Benefits
Systemic Flurprimidol is root absorbed and distributed evenly throughout a plant via water movement throughout the plant.
Broad-Spectrum Effectiveness on a wide range of species ensures consistent regulation across your landscape.
Long-Lasting Several months of regulation following application means fewer applications for better results.
Promotes Flowering Some species will increase flowering following application, improving beauty of the landscape.
Cost Effective Research has demonstrated shoot growth can be reduced up to 75% and green waste reduced up to 60%.
Forgiving Flurprimidol has low phytotoxicity potential. You don't have to sacrifice plant appearance.
Residue Free No unsightly residue remains on the leaf surface following application. In addition, worker exposure is minimized.

Percent Increase in Flowering of Confederate Jasmine

Percent Reduction in Shoot Growth of Confederate Jasmine

Percent Reduction in Plant Water Use in Cape Honeysuckle

Plant Height (ft)

Cutless Granular Landscape Growth Regulator (lb/1000 ft)

Perennial non-woody ground covers and herbaceous landscape ornamentals
Examples include: Lantana, Asadi, Jasmine, Plumbago, Duranta

Perennial woody ground covers and woody ornamental shrubs and hedges
Examples include: Ficus, Ligustrum, Viburnum, Elaeagnus, Holly, Jasmine, Spirea, Ground ivy, Vinca Minor, Hibiscus, Euonymus, Boxwood, Flesibus

Precent (%) Reduction

0 - 4 ft

5 10 15 20 24

4 - 8 ft

20 32

When to apply Cutless Granular

Apply Cutless Granular for growth suppression as needed to actively growing, healthy landscape ornamentals. Only apply when rainfall is expected, or the treated area can be irrigated with 1/2” of water following application. Repeat applications should be applied every 2 to 6 months or when growth regulation is no longer visible.

For extremely aggressive and vigorous landscape ornamentals, pruning or shaping should occur 4 weeks following application. Repeat applications should be applied every 2 to 6 months or when growth regulation is no longer evident.

6 easy steps to Cutless Granular application

1. Dripline Determine the dripline area (ft) beneath the plants.
2. Rate Select the rate specific to the target plants.
3. Calculate Determine the amount of Cutless Granular needed.
4. Weight Weigh out the material needed to treat the target area.
5. Water Water-in with at least ½” of irrigation, or rainfall.
6. Shape Trim and reshape 4 weeks following application.

Application Rate Recommendations (based on dripline area of treated plants)

Landscape Ornamentals

Plant Height (ft)

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NOTICE TO USERS:

The rates recommended above are rate ranges of Cutless Granular for growth regulation of established perennial landscape ornamental and should be used only as guidelines. The amount of Cutless Granular required for optimum growth regulation response is dependent upon the height and mass of woody elements, foliage volume, sunlight exposure, soil texture, spatial and temperature conditions, and species tolerances. The higher rate range should be considered in regions of the country with higher temperatures and longer growing conditions. The users should evaluate Cutless Granular on a small area prior to large scale applications to target landscape ornamentals.

1. Rate recommendations based on plant height are general starting rate recommendations and may vary based on plant species, growth habit, soil type, and climatic conditions. The user should evaluate Cutless Granular on a small area prior to large scale applications to target landscape ornamentals.

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New 01/23/17.

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