Fertilizer with Barricade .295%

ACTIVE INGREDIENT: 
Propamocarb [50% in propyglycyr, 4-aminomethyl] [phenylphenolamine] - .295%

OTHER INGREDIENTS: 
- Rust (inert ingredient)
- Calcium carbonate (inert ingredient)
- Quat (inert ingredient)
- Soap (inert ingredient)
- Styrene-ethylene-butylenestyrene copolymer (inert ingredient)
- Sodium chloride (inert ingredient)
- Silicon dioxide (inert ingredient)
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Use Precautions

The following precautions apply to the use of this product in turf grasses and lawns.

1. Application of this product may thin emerging annual crabgrass and newly emerged grasses.
2. Do not apply to overseeded turf within 60 days after seeding or until the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil, not trash plus soil.
3. Do not cut (harvest) treated sward before 120 days after application. Do not apply to newly sod until the following year.
4. Application of this turf stressed by drought, low fertility, or pest damage may result in turf injury.
5. Disturbing the herbicide barrier with cultural practices such as digging may result in reduced weed control.

Rates of Application

The product may be applied as a single application or sequential applications to control weeds growing throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds.

Maximum Use Rate Schedule should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

Maximum Annual Rates

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum rates as given in the following table:

<table>
<thead>
<tr>
<th>Turf Species</th>
<th>Maximum Application Rate: 220 oz./Acre (22.0 lbs/Acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bermudagrass</td>
<td>5.0 lbs.</td>
</tr>
<tr>
<td>Zoysiagrass</td>
<td>2.5 lbs.</td>
</tr>
<tr>
<td>Celebration</td>
<td>2.0 lbs.</td>
</tr>
<tr>
<td>Zoysia</td>
<td>1.0 lbs.</td>
</tr>
</tbody>
</table>

Use Rates

Apply this product at a rate of 220 to 510 lbs./Acre in fall and/or spring. Use higher rates of application for longer control periods. Sequential or single applications are allowed so long as the total amount of product applied does not exceed the maximum annual rate of 510 lbs./Acre.

Application Timing and Information

This product is a pre-emergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inches of rain or irrigation, or with shallow (1 to 2 inches) mechanical incorporation, prior to weed seed germination and within 14 days following application. Red weed control is obtained when this product is applied to soil free of boils, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand weeding, cultivation, or the use of an appropriate pre-emergence herbicide.

Established Landscape Ornamentals

This product may be applied to established ornamentals as a broadcast, over the top or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and active this product in the soil.

Newly Transplanted Landscape Ornamentals

This product may be applied to newly transplanted ornamentals as a broadcast, over the top or directed application. Allow the product to settle onto roots and soil, and wash up surface residues before transplanting or planting. Apply this product after cuttings form roots and become established. Apply before budding, grafting, or other transplanting or pruning techniques that may cause the plant to be damaged.

Tolerant Ornamental Species

This product will not harm most trees, shrubs, vines and flowers. Best results will be obtained when this product is uniformly applied to the soil surface. Avoid applying to ornamental shrubs which may destroy the effect of the product on the soil surface. This product may be applied over the top of seed. When plants are under stress (due to drought, disease, or pest damage), some chemical plants may be sensitive to this product.

Do not use on forested producing trees, vines, or plants.

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