EMBARK® 2S IVM

PLANT GROWTH REGULATOR

Inhibits Seedheads and Reduces Frequency of Mowing and Trimming on Certain Grasses.

ACTIVE INGREDIENT:
Diethanolamine salt of mefluidide
(N-[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl]amino]phenyl]acetamide) . . . . . . . 28.00%
OTHER INGREDIENTS: . . . . . . . . . . . . . . . . 72.00%
TOTAL 100.00%

THIS PRODUCT CONTAINS:
2.0 lbs. mefluidide acid equivalent (N-[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl]amino]phenyl]acetamide) per gallon or 21% by weight.

KEEP OUT OF REACH OF CHILDREN

CAUTION
See accompanying booklet for complete Precautionary Statements and Directions for Use (including First Aid and Storage and Disposal).

686/9-2010

NET CONTENTS: ONE U.S. GALLON (3.785 liters)
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if swallowed.

First Aid

**If in eyes:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**If inhaled:**
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for treatment advice.

**If swallowed:**
- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

(continued on next column)

**If on skin or on clothing:**
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

This chemical (mefluidide) has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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EPA EST. NO. 2217-KS-2

MANUFACTURED BY
PBI/GORDON CORPORATION
1217 WEST 12TH STREET
KANSAS CITY, MISSOURI 64101
www.pbigordon.com
Inhibits Seedheads and Reduces Frequency of Moving and Trimming on Certain Grasses.

**ACTIVITIES/USE**
- Spray application to control new inflorescence development in mature established turf.

**INSECTICIDAL AND GRAMINICIDAL EFFECTS**
- Embark® 2S IVM is effective as a granular application on established turfgrass and as a spray application to actively growing turf for growth suppression up to 8 weeks. If temporary, slight discoloration of the plant tissue is visible, with surfactant, and spray colorant.
- Apply 2.5 to 3.5 gals per acre of Embark® 2S IVM per acre with a nonionic surfactant to actively growing turf for growth suppression up to 8 weeks. If temporary, slight discoloration of the plant tissue is visible, with surfactant, and spray colorant.
- Embark® 2S IVM can be incorporated into high labor cost management programs, soil application programs, or used as a component of soil application programs.

**APPLICATIONS**
- Embark® 2S IVM must be applied prior to the seedhead appearance at the stem or inflorescence development stage. It is impossible to eliminate all risks inherently associated with use of this product. It is the responsibility of the user and or handler to determine the feasibility and economic appropriateness of any application.

**PRECAUTIONARY STATEMENTS**
- To minimize the potential for ground drift, apply the product when conditions are right to achieve good ground contact without excessive turf moistening.
- If no such instructions are available, always follow the recommendations appropriate for California.

**CULTURAL PRACTICES**
- Mowing after application:
  - If mowing removes most of the green leaf tissue, spraying should be re-evaluated. If mowing removes all of the green leaf tissue, spraying may be unnecessary.

**STORAGE AND DISPOSAL**
- Do not contaminate water, food, feed or food or feedstuffs intended for sale or human consumption.

**LIMITED WARRANTY AND DISCLAIMER**
- The manufacturer does not warrant the applicability or suitability of the product for any specific purpose.

**TABLE 1.** Application Rates for Embark® 2S IVM for use on roadsides and low maintenance turfgrass in California only.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Amount of Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Embark® 2S IVM</td>
<td>12 to 16 oz.</td>
</tr>
<tr>
<td>Embark® 2S IVM</td>
<td>24 to 32 fl. oz.</td>
</tr>
</tbody>
</table>

**Table 2.** Product Name and Amount of Product to be Applied.

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**APPENDIX**
- Embark® 2S IVM can be applied more than one time per season, however follow an application of at least 2 weeks between applications.

- The maximum application rate is 4.0 fl. oz. per 100 gallons of spray solution.

**LEGAL NOTICES**
- The information in this manual is provided for educational purposes only.

**ACKNOWLEDGEMENTS**
- The author wishes to thank the following individuals who contributed to the preparation of this material: Dr. Barry L. Price, Dr. Robert T. Hill, and Dr. Mark W. Reiff.