PM 25, 2217-763 Please , and instructions on reverse before completing form.			Note front ian
(A) United States Environmental Office of Pesticide Progra Washington, DC Application for	Protection Agency Ims (H7505C) 20460	Registration Amendment Other	OPP Identifier Number
Secti	on I		
I. Company/Product Number	2. EPA Product N	lanager 3. 1	Proposed Classification
2217-763	Robert Tayl	or	
. Company/Product (Name)	· ···-	ļĿ	
Embark@ 1-S Plant Growth Regulator	(PM 25)		
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation PO Box 4090 1217 West 12th Street Kansas City, MO 64101 Check if this is a new address	(b)(i), my produ to:	eview. In accordance wit ct is similar or identical in o	composition and labeling
Section			
Amendment - Explain below Resubmission in response to Agency letter dated Notification - Explain below.	Final printe	-	
Revision of the wetlands warning statement within the Environme <u>Notice 93-3.</u> "Labeling Statement Prohibiting Application to Water" PR-Notice 88-6. Three copies of the revised labeling are enclosed.	enuar mazaros seculon acc , March 9, 1993. This is i	to certify that this notification n	Neets every requirement of OTIFICATION EL NOT REVIEWED R PR NOTICE 00-0
Section	lit	DATE.	-tflef-
. Material This Product Will Be Packaged In:			
Yes*	Vater Soluble Packaging Yes No	2. Type of Contain Metal Plastic Glass Paper	er
			Specify)
3. Location of Net Contents Information 4. Size(s) of Ret	tail Container	5. Location of Label Dire	ctions
Label Container 6. Manner In Which Label Is Affixed To Product Lithograp Paper glu Stenciled			mpanying product)
Sectio Sectio Sectio Section Contact Point (Complete items directly below for identification of		d if necessary to process t	his application 1
Name Title))	Telepho	one No. (Include Area Code)
James A. Armbruster, Ph.D.	Mgr. Regulato	ry Services (8	16)421-4070
Certification I certify that the statements I have made on this form and all attact I acknowledge that any knowingly false or misleading statement both under applicable law. 2. Signature 3. T	t may be punishable by VAILABL Title	fine or imprisonment 3.	6. Date Application Peonived (Stan.ped)
4. Typed Name J. A. Aundhuster 5. 1	Mgr. Regulato		
James A. Armbruster, Ph.D. PA Form \$570-1 (Rev. 12-90) Previous editions are obsolet	May 20, 1993		

EMBARK® 1-S PLANT GROWTH REGULATOR

ACTIVE INGREDIENT:	
**Diethanolamine salt of mefluidide*(N-[2,4-dimethyl-5-[[
(trifluoromethyl)-sulfonyl]amino]phenyl]acetamide)	15.0%
INERT INGREDIENTS	<u>85.0%</u>
TOTAL 10	00.00%

*U.S. Patent Nos. 3,639,474; 3,894,078; 4,013,444. **Equivalent to 1.0 lbs. (11% by weight) (N-[2,4-dimethyl-5-[[(trifluoromethyl)-sulfonyl]amino]phenyl]acetamide) per gallon.

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EMBARK® is a registered trademark of PBI/GORDON CORPORATION for Mefluidide.

NOTIFICA LABEL NOT R PER PR NOT	
DATE/	Z/83

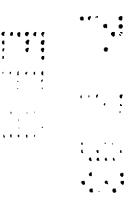
KEEP OUT OF REACH OF CHILDREN

CAUTION

NET CONTENTS ONE GALLON

AP 052093 EPA REG. NO. 2217-763 EPA EST. NO. 2217-XX-XX

Mfd. BYPBI/GORDON CORPORATION KANSAS CITY, MISSOURI 64101



Page 2

STOP! READ THE ENTIRE LABEL BEFORE USING OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wear protective clothing; including rubber gloves when handling. In case of contact immediately flush eyes or skin with plenty of water for 15 minutes. Get medical attention if irritation persists. If swallowed, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds, or streams. For terrestrial uses, do not apply directly to water, 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. Do not allow spray to drift onto nontarget crops or vegetation.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Store product in original container in locked storage area, inaccessible to children and pets.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION: EMBARK 1-S Plant Growth Regulator (PGR) is recommended for use in public, commercial, and industrial areas for regulating the growth of various species of turf grasses and broadleaf vegetation. EMBARK 1-S PGR reduces mowing requirements for up to 8 weeks following treatment by regulating growth and suppressing seedhead formation.

SPRAY EQUIPMENT: EMBARK 1-S PGR may be applied to localized areas with small spray units, such as backpack sprayers, or to larger areas with conventional spray equipment. To be assured of proper dosage and uniform spray coverage it is essential that spray equipment is properly calibrated. When calibrating with small spray equipment, a trial application is recommended over a small measured turf area. Do not apply this product through any type of irrigation system.

MIXING: Pour the required amount of EMBARK 1-S PGR into the spray tank containing approximately 1/2 the required amount of water. Fill the tank as required with water and spray as recommended. Minimal agitation in the spray tank is necessary since the 1-S formulation is soluble in water.

RINSING: Rinse EMBARK 1-S PGR container with water and pour the rinse solution into the spray tank prior to spraying. Do not use spray equipment for other purposes until thoroughly cleaned. Flush spray equipment with plenty of water immediately after use to avoid contamination of later sprays.

RECOMMENDED APPLICATION

4045

Apply EMBARK 1-S PGR uniformly to green, actively growing turf. At the time of treatment, turf should be at the height which is desired to be maintained during the period of growth regulation. For season tong seedhead suppression of cool season grasses apply no later than when the seedhead can be felt at the base of the stem. (Approximately 2 weeks prior to seedhead appearance.) Do not apply to closely mowed areas where most of the green growth has been cut. Turf may be mowed up to 1 day before or 3 to 7 days after application. Remove all grass clippings and leaves prior to treatment. Avoid spray overlaps that will increase dosage above those recommended. EMBARK 1-S PGR may be applied twice per season on Kentucky bluegrass, fescues, and Bermudagrass; however, an interval of at least 6 weeks should occur before the second application. Use the higher rate of application where the greatest growth regulation and seedhead suppression are desired.

RECOMMENDED USE AREAS: EMBARK 1-S PGR applied uniformly as a broadcast spray to turf will reduce mowing requirements for up to 8 weeks in the following commercial and public areas:

<u>Commercial-Industrial:</u> Highway Rights-of-way, Utility Rights-of-way, Buildings, Industrial Parks, Tank Farms, Airports.

Public: Schools, Libraries, Hospitals, Cemeteries, Golf Courses, Parks, Roads and Walkways.

Tank Mixing with 2,4-D or Mecoprop (MCPP): EMBARK 1-S PGR may be tank mixed with up to 2.0 lbs. active ingredient per acre of 2,4-D in low volatility ester and amine salt formulations of MCPP in amine salt formulations. Follow the instructions and precautionary statements on the 2,4-D and MCPP product labels.

Amount of EMBARK 1-S PGR					
USE ON:	per acre in 15-50 gal water	per 1000 sq ft in 3-10 gals water			
TURFGRASSES:					
Kentucky Bluegrass Tall, Red, and Chewings Fescues Perennial Ryegrass Timothy Teed Canarygrass Quackgrass Centipedegrass Kikuyugrass	2-4 pints	8-16 fl.oz.			
Crested Wheatgrass Orchardgrass Smooth Brome	3-4 pints	12-16 fl.oz.	· · · · · · · · · · · · · · · · · · ·		
St. Augustinegrass	2 pints	8 fl.oz.	•		
Common Bermudagrass	8 pints	32 fl.oz.	·		

APPLICATION RATE TABLE:

CALIFORNIA NATIVE GRASSES AND BROADLEAF VEGETATION:

Grasses: Wild Barley, Red Brome, Ripgut Brome, Wild Oats			•• • <u>•</u>
Broadleaves: Ice Plant, Algerian Ivy, Cheeseweed, Sour Clover, Fiddleneck, Redstem Filaree, Black Mustard	4-8 pints	16-32 fl.oz.	

NOTE: In comparison with untreated, actively growing turf areas, treated turf which is being maintained in height by EMBARK 1-S PGR may appear less dense and temporarily discolored following application. However, with increasing time, turf may appear darker green than untreated areas.

Limitations:

EMBARK 1-S PGR should not be applied to golf greens. Do not apply EMBARK PGR to turf areas within 4 growing months after seeding and do not reseed within 2 weeks following application. Do not allow animals to graze on treated areas. Optimum results may not be obtained if rainfall or overhead irrigation occurs within 8 hours following application.

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied acording to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. Nr employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

