

264-666

11/30/2000

4/9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. James A. Barron  
Aventis CropSciences USA LP  
2 Alexander Drive  
Research Triangle Park, NC 27709

NOV 30 2000

Dear Mr. Barron:

Subject: Puma<sup>®</sup> IEC Herbicide  
EPA Registration No. 264-666  
Application and Letter Dated October 13, 2000, Request  
To Amend Registration To Revise Use Directions, as  
Described in Your Letter; and Resubmission of Labeling  
Received November 29, 2000 To Remove from Labeling  
Directions for Use of Adjuvants and To Clarify Use  
in Tank Mixtures with Other Pesticides

The subject application to amend the registration of Puma<sup>®</sup>  
IEC Herbicide by revising the "Directions for Use", as reflected  
on the label submitted on November 29, 2000, has been reviewed  
and found acceptable under the Federal Insecticide, Fungicide  
and Rodenticide Act (FIFRA), as amended, provided that you:

1. Add the omitted hyphen (-) following the second "2" in  
the chemical expression for the Active Ingredient:  
fenoxaprop-p-ethyl.
2. Revise the "First Aid" Statements to comply with  
PR Notice 2000-3.
3. In the "Tank Mix Combination" section revise the clause,  
"when application timing is correct for both products"  
(occurring twice), to read: "when timing for application of  
each tank mix partner is the same for the use site".  
Under the topic "Fungicides" give the complete name of  
each of the products that may be tank mixed. Note: Topsin<sup>®</sup> M  
does not contain mancozeb, as indicated. If you make  
generic claims, you must add directions for determining  
compatibility of the tank mix partners.

2/9

-2-

4. Submit one (1) copy of the final printed labeling before you release the product (twin-pack) for shipment under the subject amended labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

*Eugene M. Wilson*  
for Joanne I. Miller

Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

3/9

# PUMA™ 1EC HERBICIDE

**FOR SELECTIVE POSTEMERGENCE CONTROL OF GREEN AND YELLOW FOXTAIL (PIGEONGRASS), VOLUNTEER AND WILD MILLET SPECIES, BARNYARDGRASS, WILD OATS IN WHEAT (including Durum Wheat) and BARLEY**

ACTIVE INGREDIENT: fenoxaprop-p-ethyl: (+)-ethyl 2-[4-[(6-chloro-2 benzoxazolyl)oxy]phenoxy]propanoate*	11.53%**
INERT INGREDIENTS:***	88.47%
TOTAL	100.00%

\* Protected by U.S. Patent No. 5,254,527

\*\* Equivalent to 1.0 pound of pure fenoxaprop-p-ethyl (d isomer) per gallon

\*\*\* Contains petroleum distillates

EPA Reg No. 264-666

EPA Est. No. 45639-CAN-001

## KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577  
For PRODUCT USE Information Call 1-888-AVENTIS (1-888-283-6847)

### FIRST AID

**If Swallowed:** Call a physician or Poison Control Center. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

**If on Skin:** Wash with plenty of soap and water. Get medical attention.

**If in Eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention. If possible, bring the container and labeling to the attending physician.

**NOTE TO PHYSICIAN:** Possible mucosal damage may contraindicate the use of gastric lavage. May pose an aspiration pneumonia hazard.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### WARNING

Causes substantial but temporary eye injury or skin irritation. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear coveralls worn over short-sleeved shirt and short pants, socks and chemical resistant footwear, goggles or face shield and chemical resistant gloves (such as Nitrile, Butyl, Neoprene and/or Barrier Laminate). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

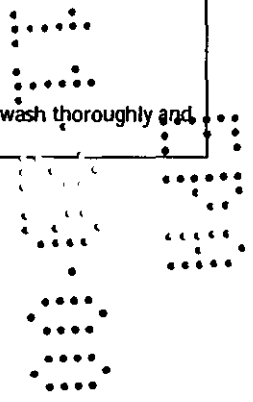
#### ENGINEERING CONTROL STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [(40 CFR 170.40(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the pesticide off of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.



4/9

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates or nontarget plants. 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 by cleaning of equipment or disposal of equipment washwaters.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Keep container tightly closed when not in use. Avoid cross contamination with other pesticides.

Do not store over 100°F or below 32°F. Do not use or store near heat or open flame.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** [2½ Gallon Container Only]

Empty containers should be triple rinsed (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.

[Or, when mini-bulk containers are used.] This is a sealed returnable container to be used only for PUMA™ 1EC Herbicide. When this container is empty, it must not be opened, cleaned, or discarded. Empty containers must be returned to the original filling location and must be refilled with PUMA™ 1EC Herbicide only at an authorized bulk distribution location.

### GENERAL INFORMATION

PUMA™ 1EC Herbicide is a postemergence herbicide for the control of green and yellow foxtail (pigeongrass), volunteer and wild millet species, barnyardgrass and wild oats in wheat (including durum wheat) and barley.

### DIRECTIONS FOR USE

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

Do not use this product until you have read the entire label. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear: coveralls over long-sleeved shirt and long pants; socks and chemical resistant footwear. Wear goggles or face shield, and chemical resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate).

### APPLICATION INFORMATION

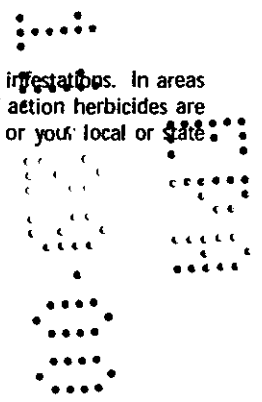
**Ground Application:** DO NOT apply when winds are gusty, or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and ensure consistent weed control, apply PUMA™ 1EC Herbicide with the spray boom as low as possible while maintaining a uniform spray pattern. Apply a minimum of 10 gallons of spray solution per acre, using a recommended spray pressure of 40 psi with flat-fan nozzle tips spaced 10 to 20 inches apart across the boom. Ground speed for application should not exceed 10 mph. To get uniform spray coverage, use nozzles to provide 200 to 350 micron size droplets. DO NOT apply with hollow cone type nozzles or other nozzles that produce a fine droplet spray. Under dense weed populations or adverse growing conditions, high spray volume (15 to 20 gpa) is required for best weed control.

**Aerial Application:** Calibrate the spray equipment prior to use. PUMA™ 1EC Herbicide should be applied in a minimum of 5 gallons of water per broadcast acre. To get uniform spray coverage, use nozzles to provide 200 to 350 micron size droplets. DO NOT use raindrop nozzles. Aerial applications with this product should be made at a maximum height of 10 feet above the crop with low drift nozzles at a maximum pressure of 40 psi. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Flagmen and loaders should avoid inhalation of spray mist and prolonged contact with skin.

### INFORMATION ON HERBICIDE TOLERANT WEEDS

Repeated use of the same herbicide or related herbicides may result in rare, naturally tolerant weeds multiplying to economic infestations. In areas with consistent use of the same herbicide or herbicide mode-of-action, crop rotation and application of alternative mode of action herbicides are encouraged to prevent and/or reduce weed tolerance. For further information, contact an Aventis CropScience representative or your local or State extension service.



**TIMING OF APPLICATION**

**Wheat**

Apply PUMA™ 1EC Herbicide to the crop from emergence up to 60 days prior to harvesting wheat in the States of Minnesota, Montana, North Dakota, and South Dakota. DO NOT apply PUMA™ 1EC Herbicide on wheat within 70 days of harvest in other states.

**Barley**

Apply PUMA™ 1EC Herbicide to the crop from emergence up to the 5-leaf stage. Do not spray barley after jointing begins. DO NOT apply PUMA™ 1EC Herbicide within 57 days of harvesting barley. Under cool, wet conditions, tank mixing MCPA Ester (at recommended rates) with PUMA™ 1EC Herbicide will further improve crop safety in barley.

PUMA™ 1EC Herbicide will control susceptible grass weeds in the 1-leaf (fully expanded) to 2-tiller stage of growth. Blackgrass can be controlled over a wide range of growth stages, from the 1-leaf (fully expanded) through the advanced tillering stage. Windgrass will be controlled from emergence to a height of 3 inches. Applications should be made to young, vigorously growing weeds.

PUMA™ 1EC Herbicide has no effect via the soil and will only control emerged grass weeds. PUMA™ 1EC Herbicide, when applied as recommended, controls the annual grass weeds listed in Table 1 below at rates indicated.

**Table 1.  
RATE RECOMMENDATION CHART  
for Grass Weed Control**

Grass Weed Species, Common Name	Grass Weed Species, Scientific Name	Rate, Pints per Acre (Fl. Oz./Acre)	Tankmix Table
Green foxtail	<i>Setaria viridis</i>	0.33 (5.3 Fl. Oz./A)	See Table 2
Foxtail millets (volunteer), common, Siberian, Hungarian, German millet	<i>Setaria italica</i>		
Volunteer corn	<i>Zea mays</i>		
Yellow foxtail	<i>Setaria lutescens</i>	0.40 (6.4 Fl. Oz./A)	See Table 3
Proso millet (volunteer, wild)	<i>Panicum iliaceum</i>		
Barnyardgrass	<i>Echinochloa crus-galli</i>	0.66 (10.6 Fl. Oz./A)	See Table 4
Blackgrass	<i>Alopecurus myosuroides</i>		
Hooded canarygrass	<i>Phalaris paradoxa</i>		
Littleseed canarygrass	<i>Phalaris minor</i>		
Windgrass	<i>Apera interrupta</i>		
Wild oats	<i>Avena fatua</i>		
Field Sandbur	<i>Incertus M.A. Curtis</i>		
Woolly cupgrass	<i>Erichloa villosa</i>		

**MOISTURE EFFECTS ON ANNUAL GRASS WEED CONTROL**

The following conditions will result in optimum wild oat control:

1. Adequate soil moisture which occurs under normal rainfall in wheat or barley following a fallow year.
2. Temperatures lower than 85° F for several days prior to application.

Low soil moisture levels, low humidity, and high temperatures might slightly reduce the wild oat control provided by PUMA™ 1EC Herbicide.

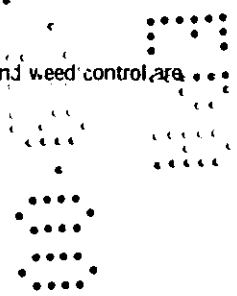
Foxtail (pigeongrass) can be controlled over a wide range of soil moisture conditions. Foxtail under drought stress will exhibit rolled leaves ("onion leaf") and should not be sprayed as poor control may result. Apply PUMA™ 1EC Herbicide when conditions improve.

**TANK MIX COMBINATIONS**

When tank mixing, read and follow the precautionary statements, directions for use, weeds controlled, geographic, and other restrictions on the labeling of each tank mix partner used. Use in accordance with the most restrictive of label limitations and precautions. Tank mix partners not recommended on this label may cause reduced annual grass control (antagonism) or crop injury. Therefore, Aventis CropScience recommends that PUMA™ 1EC should not be tank mixed with other herbicides or liquid fertilizers unless specifically recommended on this label.

**Insecticides**

PUMA™ 1EC Herbicide may be tank mixed with either Furadan® 4F, Sevin® XLR PLUS, or Warrior® insecticides if timing for insect and weed control are proper. Do not tank mix with malathion as wild oat control will be reduced.



6/9

**Fungicides**

Mancozeb (products such as Topsin® M), Tilt®, or Benlate® fungicides can be tank mixed with PUMA™ 1EC Herbicide when application timing is correct for both products.

**Broadleaf Herbicides**

Additional broadleaf weed control can be obtained by tank mixing PUMA™ 1EC Herbicide with herbicides listed in Tables 2, 3, or 4, if application timing is correct for both products. Always check the tank mix partner label to determine if adding a surfactant is required. Do not add a surfactant when tank mixing PUMA™ 1EC with broadleaf herbicides in barley.

**Tank Mixes for Green Foxtail, Foxtail Millets and Volunteer Corn Control**

The tank mix partners listed in Table 2 may be used for the control of green foxtail, foxtail millets, and volunteer corn with PUMA™ 1 EC at a rate of 0.33 pt/A. If wild oat or yellow foxtail is the primary weed, see sections addressing tank mixes for these weeds.

**Table 2.  
Green Foxtail, Foxtail Millets, Volunteer Corn**

Herbicides for Broadleaf Weed Control	Rate	Range of Dosages: *** ½ - 3/4 pt/A of MCPA Ester (4 lb/gal – formulation) may be added as an option
*/** Buctril® 4 Cereals Herbicide	0.5 pt/A	Yes
*/** Buctril® Herbicide	1.0 pt/A	Yes
*/** Bronate® Herbicide	1.0 pt/A	No
MCPA Ester (4 lb/gal)	0.75 pt/A	No
Curtail™ M	1.75 pt/A	No
Curtail™ M + Clarity® (for use on wheat only)	1.75 pt/A + 2 oz/A	No
Curtail™ M + Starane™	1.75 pt/A + up to 0.66 pt/A	No
Finesse	0.28 oz/A	Yes
Rave®	4 oz/A	No
Stinger™	0.25 – 0.33 pt/A	Yes
Express® 75DF	1/6 oz/A	Yes
Harmony® GT	3/10-1/2 oz/A	Yes
Harmony® Extra 75DF	3/10 – 4/10 oz/A	Yes
Amber® 75DF	0.28 oz/A	Yes
Peak®	0.5 oz/A	Yes
Ally® 60DF	1/10 oz/A	Yes
Banvel® (for use on wheat only) (4 lb/gal)	2.0 fl oz/A	Yes
Banvel® SGF(for use on wheat only) (2 lb/gal)	4.0 fl oz/A	Yes
Clarity® (for use on wheat only)	2.0 fl oz/A	Yes
Starane™	Up to 0.66 pt/A	Yes
Tordon™ 22K (not for use on durum wheat or barley)	1.0 – 1.5 fl oz/A	Yes

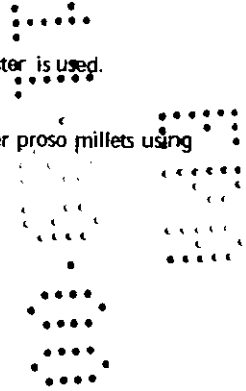
\* Equivalent generic bromoxynil products may be substituted in a tank mix for these products.

\*\* Do not tankmix PUMA™ 1EC with either Buctril® Herbicide or Bronate® Herbicide on two row malting barley.

\*\*\* 4 lb/gal formulation of MCPA Ester. Other formulations of MCPA Ester may be used providing 0.25 – 0.375 lb a.i./ A of MCPA Ester is used.

**Tank Mixes for Yellow and Green Foxtail, Wild and Volunteer Proso Millets Control**

The tank mix partners listed in Table 3 below are approved for the control of yellow and green foxtail and/or wild and volunteer proso millets using PUMA™ 1 EC at a rate of 0.4 pt/A. If wild oat is the primary weed, see the section addressing tank mixes for wild oat control.



7/9

Table 3.  
Yellow and Green Foxtail, Wild & Volunteer Proso Millets

Herbicides for Broadleaf Weed Control	Rate	Range of Dosages: *** ½ - 3/4 pt/A of MCPA Ester (4 lb/gal – formulation) may be added as an option
MCPA Ester (4 lb/gal)	0.75 pt/A	No
Stinger™	0.25 – 0.33 pt/A	Yes
Curtail™ M	1.75 pt/A	No
Curtail™ M + Clarity® (for use on wheat only)	1.75 pt/A + 2 oz/A	No
Banvel® (for use on wheat only) (4 lb/gal)	2.0 fl oz/A	Yes
Banvel® SGF (for use on wheat only) (2 lb/gal)	4.0 fl oz/A	Yes
Clarity® (for use on wheat only)	2.0 fl oz/A	Yes
Peak®	0.5 oz/A	Yes
Starane™	Up to 0.66 pt/A	Yes
Tordon™ 22K (not for use on durum wheat or barley)	1.0 – 1.5 fl oz/A	Yes

\*\*\* 4 lb/gal formulation of MCPA Ester. Other formulations of MCPA Ester may be used providing 0.25 – 0.375 lb a.i./A of MCPA Ester is used.

Tank Mixes for Wild Oats, Green and Yellow Foxtail, Blackgrass and Barnyardgrass Control

The tank mix partners listed in Table 4, below are approved for the control of wild oat, green and yellow foxtail, Blackgrass, and Barnyardgrass using PUMA™ 1 EC at a rate of 0.66 pt/A. If yellow foxtail is the primary weed, see the section addressing tank mixes for yellow foxtail control.

Table 4.  
Wild Oats, Green and Yellow Foxtail, Blackgrass and Barnyardgrass

Herbicides for Broadleaf Weed Control	Rate	Range of Dosages: *** ½ - 3/4 pt/A of MCPA Ester (4 lb/gal – formulation) may be added as an option
*/** Buctril® Herbicide	1.0 pt/A	Yes
*/** Bronate	1.0 pt/A	No
*/** Buctril™ 4 Cereals Herbicide	0.5 pt/A	Yes
Curtail™ M	1.75 pt/A	No
Stinger™	0.25 – 0.33 pt/A	Yes
† Harmony® GT	3/10-1/2 oz/A	Yes
† Harmony® GT + Starane™	3/10 oz/A + up to 0.66 pt/A	No
† Harmony® Extra 75DF	3/10 – 4/10 oz/A	No
† Harmony® Extra 75DF + Starane™	3/10 oz/A + up to 0.66 pt/A	No
MCPA Ester (4 lb/gal)	0.75 pt/A	No
Peak®	0.5 oz/A	Yes
Peak® + Starane™	0.5 oz/A + up to 0.66 pt/A	No
Starane™	Up to 0.66 pt/A	Yes
Tordon™ 22K (not for use on durum wheat or barley)	1.0 – 1.5 fl oz/A	Yes

† Control of yellow foxtail reduced to suppression.

\* Equivalent generic bromoxynil products may be substituted in a tank mix for these products.

\*\* Do not tank mix PUMA™ 1EC with either Buctril® Herbicide or Bronate® Herbicide on two row malting barley.

\*\*\* 4 lb/gal formulation of MCPA Ester. Other formulations of MCPA Ester may be used providing 0.25 – 0.375 lb a.i./A of MCPA Ester is used.

8/9

NOTE: When tank mixing PUMA™ 1EC Herbicide with the recommended herbicides above, do not exceed the labeled use rate shown for each tank mix partner, as reduced annual grass control will occur.

**FOR THE CONTROL OF WILD OATS AND BLACKGRASS IN WINTER WHEAT IN THE STATES OF WASHINGTON, OREGON AND NORTHERN IDAHO**

In winter wheat only, liquid nitrogen fertilizer may be tank mixed with PUMA™ 1EC alone or with PUMA™ 1EC and recommended broadleaf tank mixes. Only 28 - 32% liquid nitrogen fertilizer may be added. Do not exceed 5 gallons/acre of liquid nitrogen for ground applications or 50% of the total spray volume by air.

In winter wheat only, the following broadleaf herbicides may be tank mixed with PUMA™ 1EC Herbicide at the 0.66 pint per acre rate when the target grass weeds are wild oats and/or blackgrass:

- Bronate® Herbicide at a maximum of 1.5 pt/A.
- Bronate® Herbicide + Harmony® Extra at a maximum of 1 pt/A + 1/3 oz/A.
- Bronate® Herbicide + Harmony® GT at a maximum of 1 pt/A + 1/2 oz/A.
- Curtail™ M + Harmony® GT at a maximum of 1.75 pt/A + 1/2 oz/A.
- MCPA Ester + Harmony® Extra at a maximum of 0.75 pt/A + 1/3 oz/A.
- Buctril® Herbicide + Harmony® Extra 75DF at a maximum of 1 pt/A + 1/3 oz/A.
- Buctril® Herbicide + Harmony® GT at a maximum of 1 pt/A + 1/2 oz/A.
- Buctril® Herbicide + Peak® at a maximum of 1 pt/A + 1/2 oz/A.
- MCPA Ester (4 lb/gal) + Harmony GT at a maximum of 0.75 pt/A + 1/2 oz/A.
- MCPA Ester (4 lb/gal) + Peak® at a maximum of 0.75 pt/A + 1/2 oz/A.

**DIRECTIONS FOR THE CONTROL OF WILD OAT, LITTLESEED CANARYGRASS, and HOODED CANARYGRASS IN WHEAT and BARLEY IN CALIFORNIA ONLY**

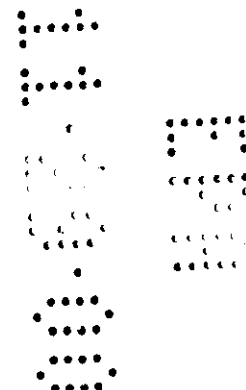
**PUMA™ 1EC HERBICIDE APPLICATION RATES**

Grasses (2-leaf to 2-tiller stage)	Broadcast Rate in Pints/Acre (FL.Oz./Acre)
Wild oat	0.66 (10.6)
Hooded canarygrass	
Littleseed canarygrass	

Notes: In California, PUMA™ 1EC Herbicide may be tank mixed with Buctril® Herbicide. Follow the label directions, use restrictions and precautions for use of Buctril® Herbicide, when tank mixing it with PUMA™ 1EC Herbicide.

**SPECIAL NOTES**

1. Rainfall within 1 hour of an application may cause a reduction in weed control.
2. DO NOT make more than 1 application in a growing season; DO NOT apply more than 0.66 pints per acre per growing season.
3. DO NOT apply this product through any irrigation system.
4. Tank mix partners not recommended on this label may cause reduced annual grass control or crop injury. It is recommended not to apply any pesticides other than those listed on this label within 5 days of a PUMA™ 1EC Herbicide application (split application).
5. Due to reduced weed control, do not tank mix with other herbicides or liquid fertilizers unless specifically recommended on this label.
6. DO NOT use when there is hazard from drifting mists. Coarse sprays are less likely to drift.





9/9

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aventis CropScience. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** AVENTIS CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Aventis CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Aventis CropScience disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AVENTIS CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

NOV 30 2000

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.**

264-666

Net Contents: 2.5 gallons, 15 gallons, 60 gallons, 120 gallons and bulk

- Buctril, Bronate, and Sevin are registered trademarks of the Aventis Group.
- Puma is a trademark of the Aventis Group.
- Ally, Express, Harmony, and Benlate are registered trademarks of DuPont Company.
- Banvel, and Clarity are registered trademarks of BASF Corporation.
- Stinger, Curtail, Starane, and Tordon are trademarks of Dow AgroSciences L.L.C.
- Furadan is a registered trademark of FMC Corporation.
- Amber, Peak, Rave and Tilt are registered trademarks of Novartis Crop Protection, Inc.
- Topsin is a registered trademark of Elf Atochem North America, Inc.
- Warrior is a registered trademark of ZENECA Group Company.

Aventis CropScience USA LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709

PUMA 1EC Herbicide (PENDING) Submitted 10/17/00, Resubmitted 12/1/00.

