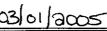
62719-510





U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

NOTICE OF PESTICIDE:

X Registration Reregistration

(under FIFRA, as amended)

EPA	Reg
Manne	or.

Date of Issuance:

MAR

1 2005

62719-510

Term of Issuance:

Conditional

Name of Pesticide Product:

BastionTM T

Name and Address of Registrant (include ZIP Code):

Dow AgroSciences LLC 9330 Zionsville Road Indianaplis, IN 46268

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
 - 2. Make the following label change:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 62719-510".
 - b. Under the headings entitled "PRECAUTIONARY STATEMENTS", please incorporate the following dermal sensitization statement: "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."
 - c. Under the Directions for Use section, please include the following statement: "This product should be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposure."
 - d. Please incorporate the following additional precautionary labeling to minimize potential off-site exposure:
 - Under some conditions, this product may have a potential to run-off to surface water or adjacent land. Where possible, use methods which reduce soil erosion,

Signature	οf	Approving	Officials

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March 1, 2005

such as no-till, limited till and contour plowing; these methods also reduce pesticide run-off. Where feasible, use application techniques such as T-banding, and in-furrow techniques which incorporate the pesticide into the soil. Use of vegetation filter strips is recommended along rivers, creeks, streams, wetlands, etc or on the downhill side of fields where run-off could occur to minimize water runoff.

- ii. Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and for high temperatures.
- 3. Submit, within one (1) year of the date of this pesticide registration notice, the following product chemistry data: one year storage stability study (830-6317) and corrosion characteristics study (830-6320).
 - 4. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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

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

Joanne I. Miller

Product Manager (23)

Herbicide Branch

Registration Division (7505C)

Enclosures

ACCEPTED

with COMMENTS

in EPA Letter Dated

Under the Federal Insecticide,

egicide, and Rodenticide Act amended, for the pesticide

MAR

(Base Label):

(Logo) Dow AgroSciences

Bastion™ T

For the control of annual and perennial broadleaf weeds in established turf, including but not limited to sod farms, residential lawns, golf courses, recreational, commercial and public turf areas

Active Ingredients:

Fluroxypyr 1-methylheptyl ester: ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyi)oxy) acetic acid, 1-methylheptyl ester...... 6.38% Mecoprop-P: potassium salt of (+)-(R)-2-(4-chloro-2-methoxyphenyl) propionic acid 31.29% Inert Ingredients 62.33% Total 100.00%

Acid Equivalent: Fluroxypyr 4.4% = 0.4 lb/gal Mecoprop-P 26.6% = 2.5 lb/gal

registered under EPA Reg. No. 62719-510

Keep Out of Reach of Children

DANGER PELIGRO

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.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed Or Absorbed Through Skin

Do not get in eyes or on clothing. Avoid contact with skin.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- Chemical-resistant gloves (≥ 14 mills) such as Barrier Laminate, Butyl Rubber, Nitrile Rubber or Viton
- · Shoes plus socks
- Protective eyewear (goggles or face shield)

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 PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (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 outside of gloves before removing.
 As soon as possible, wash thoroughly and change into clean clothing.

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 on skin or 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.

If swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

This product is toxic to fish. Drift or runoff from treated areas may be hazardous to aquatic organisms and non-target 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 when cleaning equipment or disposing of equipment washwaters.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to label booklet for Directions for Use, including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

S3D / Bastion T / Proposed Section 3 Labeling / 02-28-05

Page 3

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

Shake Well Before Use - Protect From Frost.

EPA Reg. No. 62719-XXX

EPA Est. _____

™Trademark of Dow AgroSciences LLC

Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Specialty Herbicide

Net Contents ____

(Front cover of label booklet):

(Logo) Dow AgroSciences

Bastion™ T

For the control of annual and perennial broadleaf weeds in established turf, including but not limited to sod farms, residential lawns, golf courses, recreational, commercial and public turf areas

Active Ingredients:

Acid Equivalent: Fluroxypyr 4.4% = 0.4 lb/gal

Mecoprop-P 26.6% = 2.5 lb/gal

Keep Out of Reach of Children

DANGER PELIGRO

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.)

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

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In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

Shake	Well	Refore	lise	- Protect	From	Frost

EPA Reg. No. 62719-XXX

EPA Est.	
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™Trademark of Dow AgroSciences LLC

Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Specialty Herbicide

Net Contents ___

(Page 2 through end):

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER

Corrosive • Causes Irreversible Eye Damage • Harmful if Swallowed Or Absorbed Through Skin

Do not get in eyes or on clothing. Avoid contact with skin.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- Chemical-resistant gloves (≥ 14 mills) such as Barrier Laminate, Butyl Rubber, Nitrile Rubber or Viton
- · Shoes plus socks
- Protective eyewear (goggles or face shield)

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 PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (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 outside of gloves before removing.
 As soon as possible, wash thoroughly and change into clean clothing.

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 on skin or 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.

If swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

This product is toxic to fish. Drift or runoff from treated areas may be hazardous to aquatic organisms and non-target 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 when cleaning equipment or disposing of equipment washwaters.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

This product is not intended for manufacturing or formulating use.

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 12 hours.

PPE required 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, is:

- Coverails
- Chemical-resistant gloves (≥ 14 mills) such as Barrier Laminate, Butyl Rubber, Nitrile Rubber or Viton
- Shoes plus socks
- Protective eyewear

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Entry Restrictions for Non-WPS Uses: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter into treated areas until sprays have dried.

W/13

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store above 32°F. Shake well before use.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. 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 (Plastic): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers, after triple rinsing, may be incinerated if allowed by state and local authorities. If burned, stay out of smoke.

Container Disposal (Metal): Do not reuse container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

General: Consult federal, state, or local disposal authorities for approved alternative procedures.

Shake Well Before Use - Protect From Freezing.

Bastion™ T specialty herbicide is a broad-spectrum weed killer for control of broadleaf weeds in established cool and warm season turfgrasses, including but not limited to sod farms, residential lawns, golf courses, recreational, commercial and public turf areas.

Bastion T is recommended for use on the following cool season turfgrass species:

Common Name
bentgrass
Agrostis species

bluegrass, Kentucky Poa pratensis

fescue, chewing Festuca rubra var. commutata fescue, creeping red Festuca rubra

fescue, sheeps Festuca ovina

fescue, tall Festuca arundinaceae ryegrass, perennial Lolium perenne

Bastion T is recommended for use on the following warm season turfgrass species ^{††}:

Common NameScientific NameCommon BermudagrassCynodon speciesCentipedegrassEremochloa ophiuroidesZoysiagrassZoysia japonica

^{††} Do not apply more than 2.5 pt/acre (0.9 fl oz/1000 sq ft) per application to warm season turfgrass species. Additional applications, if required, should be made at least 4 weeks apart. Avoid spray swath overlap. Do not use on St. Augustinegrass (*Stenotaphrum secundatum*) or hybrid bermudagrass.

Use Precautions and Restrictions

- Do not apply to exposed roots of shallow rooted trees and shrubs.
- Do not allow sprays of Bastion T to contact exposed suckers and/or roots of trees and shrubs or injury
 may occur.

[†] Do not apply to bentgrass unless injury can be tolerated. Do not apply more than 3.5 pt/acre (1.3 fl oz/1000 sq ft) per application. Additional applications, if required, should be made at least 4 weeks apart. Avoid overlapping spray swaths.



- Do not apply Bastion T directly to, or otherwise permit it to come into direct contact with cotton, grapes, tobacco, vegetable crops, flowers, fruit or ornamental trees, or other nontarget desirable broadleaf plants and do not permit spray mists to drift onto them.
- · Do not reseed for three weeks after application.
- Do not use Bastion T on golf course putting greens or tees.
- Do not apply on ditches used to transport irrigation water.
- . Do not apply where runoff or irrigation water may flow onto susceptible crops as injury may result.
- Do not apply more than 3.5 pints of Bastion T per acre per application or more than 6.0 pints per acre
 per year.

Use of rates above those recommended on this label could result in turf injury. Avoid overlapping of the spray swaths which could result in higher than recommended application rates.

Avoiding Injurious Spray Drift

Do not allow sprays of Bastion T to contact nearby susceptible broadleaf crops or other desirable broadleaf plants. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants including ornamental trees and shrubs. Do not apply under conditions that would allow the wind to carry spray mist toward susceptible crops or ornamental plants.

With ground broadcast equipment, drift can be reduced by keeping the spray boom as low as possible, by applying no less than 20 gallons of spray per acre (except under "Low Volume Applications"); by keeping the operating spray pressures at the lower end of the manufacturer's recommended pressures for the specific nozzle type used, and by spraying when the wind velocity is low. For application with hand-held sprayers, select the minimum spray pressure that will provide adequate plant coverage (without forming a mist). **Do not** apply with a mist blower.

Treatment of Turf Species Not Listed on the this Label

Users who wish to use Bastion T on a turf species not recommended on this label may determine the suitability for such use by treating a small area at a recommended rate. Prior to treatment of larger areas, the treated area should be observed for any sign of herbicidal injury during 30 days of normal growing conditions to determine if the treatment is safe to the target turf species. The user assumes the responsibility for any plant damage or other liability resulting from use of Bastion T on turf species not recommended on this label.

Weeds Controlled and Use Rate Recommendations

	Suggested Use Rate			
Weeds Controlled	pt/acre	fi oz/1000 sq ft	tsp [†] /1000 sq ft	
black medic common purslane common ragweed curly dock hop clover lambsquarters lespedeza red clover stichwort white clover	2.5 ††	0.9	5 1/2	
catchweed bedstraw common chickweed common yellow woodsorrel ground ivy henbit purple deadnettle	3.0	1.1	6 1/2	

10/	
14/12	

rock speedwell velvetleaf			
broadleaf plantain common dandelion healall narrowleaf plantain (buckhorn) Virginia buttonweed wild mustard	3.5	1.3	8
(Repeat Treatment May Be Necessary) creeping woodsorrel English lawn daisy Veronica species wild violet	3.5	1.3	8

 $^{^{\}dagger}$ 1 fl oz = 30 ml = 2 Tbs = 6 tsp

Preparing the Spray

Add one-half the desired amount of clean water to spray tank. Add Bastion T and complete addition of water with agitation running. Mix thoroughly and continue agitation while spraying.

Application Directions

Use application equipment that will insure uniform spray coverage (see specific application directions below). Apply Bastion T when broadleaf weeds are actively growing. Application under dry conditions may provide less than desirable results. Broadleaf weed species germinate at different times. Only emerged weeds present at time of application are controlled.

Apply 2.5 to 3.5 pints of Bastion T per acre to control broadleaf weeds. Do not apply more than 3.5 pints per acre of Bastion T per application. Additional applications, if required, should not be made less than four weeks apart to minimize potential for grass injury. Do not apply more than 6.0 pints per acre of Bastion T per year. Newly seeded turf should be mowed two or three times before being treated. Do not water for 6 hours after application.

Standard Volume Applications

Apply 2.5 to 3.5 pints of Bastion T in 20 gallons or more of spray volume per acre (0.5 gallon or more of spray volume per 1,000 square feet). Up to 200 gallons of spray volume per acre may be used when applying Bastion T with liquid fertilizers.

Low Volume Applications

Apply 2.5 to 3.5 pints of Bastion T in 5 to 20 gallons of total spray volume per acre (1/8 to 1/2 gallon spray per 1,000 square feet). Use low-pressure spray equipment capable of delivering uniform droplet size and spray coverage. Uniform coverage of leaf surfaces is required. Spray coverage may be improved by addition of a non-ionic surfactant at the manufacturer's recommended rate. Use the higher recommended rates of surfactant for lower rates of product and lower spray volumes.

The use of ULV applications is not recommended.

Spot Treatment of Ornamental Turf Using Portable Sprayers

To not exceed 2.5 pt per acre for warm season turfgrass species. To broaden the spectrum of control, Bastion T at 2.5 pints per acre may be applied in tank mix combination with other postemergence turf herbicides.

Mix 0.9 to 1.3 fluid ounce of Bastion T in 1 gallon of water. One gallon of spray is sufficient to treat approximately 1000 sq ft of turf area (an area 30 X 33.3 ft or about 10 X 11 paces). Uniformly spray the treatment area when broadleaf weeds are actively growing.

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

Warranty Disclaimer

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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EPA Accepted:	/_	<i>_</i>	