

NOV 1 1994

Mr. Thomas J. Parshley
Ciba-Geigy Corporation
P.O. Box 18300
Greensboro, N.C. 27419-8300

Subject: Pramitol 25E
EPA Reg. No. 100-443
RE: Label amendments.
Your submission dated September 19, 1994.

Dear Mr. Parshley:

The above mentioned amendment submitted in connection with registration under FIFRA is acceptable. A stamped copy is enclosed for your records.

Sincerely,

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

Pramitol® 25E

HERBICIDE

Controls johnsongrass, bindweed, and other hard-to-kill weeds

For total vegetation control on industrial sites, noncrop areas around-the-farm, and for use in and under asphalt

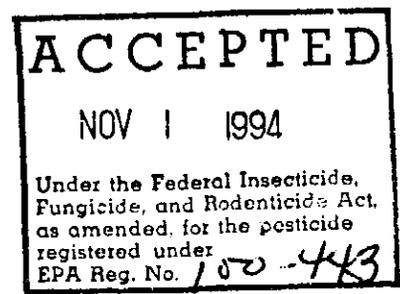
One Gallon
U.S. Standard Measure

Active Ingredient:	
Prometon: 2,4-bis(isopropylamino)-6-methoxy-s-triazine	25%
Inert Ingredients:	75%
Total:	100%

KEEP OUT OF REACH OF CHILDREN.

DANGER

See additional precautionary statements and directions for use on panel at right.



EPA Est. 100-AL-1
EPA Reg. No. 100-443

Bare ground weed control

- | | |
|--------------------|------------------------|
| around buildings | airports |
| storage areas | military installations |
| fences | highway medians |
| pumps | pipelines |
| machinery | railroads |
| fuel tanks | lumberyards |
| recreational areas | industrial sites |
| roadways | rights-of-way |
| guard rails | ... and similar areas |

Pramitol® 25E

HERBICIDE

Controls johnsongrass, bindweed, and other hard-to-kill weeds

For total vegetation control on industrial sites, noncrop areas around-the-farm, and for use in and under asphalt

Five Gallons
U.S. Standard Measure

Active Ingredient:

Prometon: 2,4-bis(isopropylamino)-6-methoxy-s-triazine

25%

Inert Ingredients:

75%

Total:

100%

KEEP OUT OF REACH OF CHILDREN.

DANGER

See additional precautionary statements and directions for use on panel at right.

Product ID. 06550

EPA Est. 100-AL-1

EPA Reg. No. 100-443

Bare ground weed control

around buildings
storage areas
fences
pumps
machinery
fuel tanks
recreational areas
roadways
guard rails

airports
military installations
highway medians
pipelines
railroads
lumberyards
industrial sites
rights-of-way
... and similar areas

Pramitol® 25E

HERBICIDE

Controls johnsongrass, bindweed, and other hard-to-kill weeds

For total vegetation control on industrial sites, noncrop areas around-the-farm, and for use in and under asphalt

30 Gall ns
U.S. Standard Measure

Active Ingredient:	
Prometon: 2,4-bis(isopropylamino)-6-methoxy-s-triazine	25%
Inert Ingredients:	75%
Total:	100%

KEEP OUT OF REACH OF CHILDREN.

DANGER

See additional precautionary statements and directions for use on panel at right.

Product ID. 06750

EPA Est. 100-AL-1
EPA Reg. No. 100-443

Bare ground weed control

- | | |
|--------------------|------------------------|
| around buildings | airports |
| storage areas | military installations |
| fences | highway medians |
| pumps | pipelines |
| machinery | railroads |
| fuel tanks | lumberyards |
| recreational areas | industrial sites |
| roadways | rights-of-way |
| guard rails | ... and similar areas |

Pramitol® 25E

HERBICIDE

Controls johnsongrass, bindweed, and other hard-to-kill weeds

For total vegetation control on industrial sites, noncrop areas around-the-farm, and for use in and under asphalt

2 1/2 Gallons
U.S. Standard Measure

Active Ingredient:

Prometon: 2,4-bis(isopropylamino)-6-methoxy-s-triazine 25%

Inert Ingredients: 75%

Total: 100%

KEEP OUT OF REACH OF CHILDREN.

DANGER

See additional precautionary statements and directions for use on panel at right.

EPA Est. 100-AL-1
EPA Reg. No. 100-443

Bare ground weed control

- | | |
|--------------------|------------------------|
| around buildings | airports |
| storage areas | military installations |
| fences | highway medians |
| pumps | pipelines |
| machinery | railroads |
| fuel tanks | lumberyards |
| recreational areas | industrial sites |
| roadways | rights-of-way |
| guard rails | ... and similar areas |

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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 Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

DIRECTIONS FOR USE

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

General Information

Pramitol 25E is a nonselective herbicide that can be applied in water or oil before or after plant growth begins. Although Pramitol 25E has considerable activity through foliar contact, much of its activity is through roots; therefore, its effectiveness is dependent on rainfall to move it into the root zone. Very dry soil conditions and lack of sufficient rainfall may result in poor weed control.

Important: Use only in areas where complete control of all vegetation is desired, such as industrial sites, rights-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.

Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, we recommend the use of this product in combination with other registered herbicides which are not triazines. Consult with your State Agricultural Extension Service for specific recommendations.

Pramitol 25E is generally noncorrosive to equipment, but may cause swelling or more rapid deterioration of hoses and fittings containing natural rubber.

Industrial Sites and Noncrop Areas

Pramitol 25E can be applied before or up to 3 months after weed emergence. Application rates vary from 5-10 gals. of Pramitol 25E per acre, depending on climatic conditions, soil type, the weeds present, and the stage of growth of the weeds. In the following rate recommendations, the higher rates are intended for use on heavier soils where weed growth is heavy, and where rainfall is expected to be relatively high. The higher rates should also be used where longer residual control is desired in regions with a long growing season.

For best results, apply Pramitol 25E before weeds emerge or when weeds are young and actively growing.

For control of annual and susceptible perennial weeds (such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain): Broadcast 4.0-6.125 gals.

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Pramitol 25E in 50-100 gals. of water per acre.

For control of hard-to-kill perennial weeds and grasses (such as johnsongrass, bindweed, and wild carrot): Broadcast 7.5-10 gals. Pramitol 25E in 50-100 gals. of water per acre.

For faster top-kill of existing vegetation, apply Pramitol 25E in diesel oil, fuel oil, or weed oil. Use oils at rates of 100-200 gals./A. Tall dense vegetation, such as johnsongrass, will generally require 150 or more gals. of oil per acre for thorough coverage.

When applying Pramitol 25E to a small area with backpack or pump-up sprayers with capacities of 1-3 gals., calibrate the sprayer so that 1 gal. of water covers 500 sq. ft. Then mix 1/2 to 7/8 pt. Pramitol 25E with water to obtain a total volume of 1 gal. and apply uniformly over a 500 sq. ft. area. For hard to kill perennial weeds and grasses, use the higher rate. If green foliage is present, part or all of the water can be substituted with oil to provide burndown.

Asphalt Pavement

Pramitol 25E may be used to extend the useful life of asphalt pavement by preventing weeds from emerging through it. Pramitol 25E may be applied to the ground before laying asphalt, or it may be mixed with cutback asphalts.

Pramitol 25E should be used only where the area to be treated has been prepared according to good construction practices. If rhizomes, tubers, or other vegetative parts are present in the site, they should be removed by scalping with a grader blade. Recomaction of the site following disking or plowing will allow good penetration of Pramitol 25E, and will help to ensure proper asphalt curing and good weed control.

Pramitol 25E will not control woody vegetation such as small trees, brush, or woody vines. Roots of such species should be grubbed and removed from the site before application.

Under Asphalt: Pramitol 25E may be applied to the ground before laying rapid, medium, or slow curing asphalt coatings such as those used on parking lots, highway shoulders and median strips, roadways, and other industrial sites. Pramitol 25E should be applied just before laying of the asphalt coating to prevent possible lateral movement of the herbicide by rainfall or other mechanical means. Sprayers should be equipped to provide continuous agitation of the spray mixture during application to ensure application of a uniform spray emulsion.

Apply Pramitol 25E uniformly at the rate of 7.5-10 gals./A (22.0-29.4 fl. oz./1,000 sq. ft.) in a minimum of 100 gals. of water. Use the lower rate to control annual and susceptible

perennial weeds such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain. Use the higher rate to control hard-to-kill perennial weeds and grasses such as johnsongrass, bindweed, and wild carrot.

Precaution: Do not use Pramitol 25E under asphalt coatings less than 2 inches thick.

Mixed with Cutback Asphalt: Pramitol 25E may be mixed with standard and special cutback asphalts (such as RC, MC, and SC) for weed control in areas being stabilized, such as highway shoulders, highway median strips, under highway fences and guard rails, along airport runways and lights, soil and small stone aggregates on shoulders, and cracked asphalt surfaces being resurfaced.

Pramitol 25E should be simultaneously mixed with the cutback asphalt as it is being pumped into the applicator or transport truck to assure a homogeneous mix. Temperatures in the applicator or transport truck should not exceed 170°F.

Pramitol 25E should be used at the rate of 22.0-29.4 fl. oz./1,000 sq. ft. (equivalent to 7.5-10 gals./A of Pramitol 25E). Use the lower rate on ordinary weed and grass complexes such as dallisgrass, King Ranch bluestem, knotroot bristlegrass, and the higher rate where johnsongrass, bermudagrass, or other deep-rooted perennials are present.

In arid areas where deep-rooted perennials are a problem, best results can be obtained by making the application from midsummer through late fall or prior to the rainy season.

Precautions: (1) Do not apply cutback asphalt mixtures containing Pramitol 25E to soil saturated with water. The condition of the soil should be favorable for penetration or proper asphalt curing may be affected. (2) Do not apply Pramitol 25E with asphalt emulsions such as SS.

Precautions (All Uses): (1) Feeder roots of desirable plants often extend far beyond the drip line of the branches. Do not apply this product, or drain or flush application equipment in locations where the chemical may come into contact with root zones of desirable trees, shrubs, or plants, or injury may occur. (2) Do not use on land to be cropped; (3) Do not use for weed control in greenhouses.

Storage and Disposal

Pesticide Disposal

Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes may be acutely hazardous. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation.

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of federal law. If these wastes cannot be used 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 in proper disposal methods.

Container Disposal (1, 5, 30 Gallon)

Triple rinse container (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.

Container Disposal (1 and 2 1/2 Gallon Plastic)

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

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER

Corrosive - causes irreversible eye damage. Wear goggles or face shield and rubber gloves when handling. Causes skin irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing spray mists. Do not get in eyes, on skin, or on clothing. Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment

If swallowed: DO NOT INDUCE VOMITING. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, a large quantity of water. Do not give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin: Wash thoroughly with soap and water. Get medical attention if irritation persists.

If in eyes: Immediately flush eyes with a steady, gentle stream of water for 15 minutes and get medical attention.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Treat for circulatory shock, respiratory depression, and convulsions if needed.

Environmental Hazards

Do not contaminate water used for irrigation or domestic purposes.

Do not contaminate water when disposing of equipment wash waters. Apply this product only as specified on this label.

Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame. Store at temperatures above 32°F.

Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

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CGA 8L4Y 094 (1 Gal.)
CGA 8L5Z 094 (5 Gal.)
CGA 8L9T 094 (30 Gal.)
CGA 8L25B 094 (2 1/2 gal.)

	June 16, 1980
Revised	November 7, 1980
Revised	February 4, 1981
Revised	May 2, 1984
Revised	October 4, 1990
Revised	November 15, 1990
Revised	July 15, 1993
Revised	September 8, 1994

[GANNONC.LABELP]PRM25EF9 - 9/15/94

Pramitol® 25E
EPA Reg. No. 100-443

Changes in typed label:

5/2/84

Revised storage and disposal. Added "It is a violation..." and revised Directions for Use heading. Changed zip code.

10/4/90

Change telephone number, revise warranty.

11/16/90

Reduce rates, delete drainage ditch banks, add precautions, reformat, etc.

7/15/93

New logo.

9/8/94

Revised use directions for small area applications on industrial sites and noncrop areas. Added 2.5 gal. container. Revised Statement of Practical Treatment.