



PRAMITOL® 25E

HERBICIDE

FOR TOTAL VEGETATION CONTROL OF WEEDS IN NONCROP AREAS

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.

ACTIVE INGREDIENT:	% By Wt.
Prometon: 2,4-bis(isopropylamino)-6-methoxy-s-triazine	25%
OTHER INGREDIENTS:	75%
TOTAL	100%

This product contains 2.0 pounds active ingredient per gallon.
One gallon treats up to 10,000 square feet.

KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION

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.)

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • 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 further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. NOTE TO PHYSICIAN: Contains petroleum distillate; vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage. Treat for circulatory shock, respiratory depression, and convulsions, if needed. FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.</p>	

See additional precautionary statements and directions for use below.

EPA REG. NO. 66222-22-34704

EPA EST. NO. 34704-MS-001

NET CONTENTS 1.0 GAL (3.78 L)

031914 V1D 10P14

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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 E on an EPA chemical-resistance category selection chart.

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

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber \geq 14 mils, Neoprene Rubber \geq 14 mils, Viton \geq 14 mils

In addition, mixers and loaders supporting motorized ground equipment and handlers cleaning up spills or equipment must wear:

- Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber \geq 14 mils, Neoprene Rubber \geq 14 mils, Viton \geq 14 mils

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

This pesticide may adversely affect 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 wash waters or rinsate.

This chemical 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. Application around a cistern or well may result in contamination of drinking water or groundwater.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store the product near heat or open flame. Store at temperatures above 32 °F.

DIRECTIONS FOR USE

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

PRODUCT 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.**

This product will not provide herbicidal action in the treated area unless application is immediately followed by watering the area with at least 1/4 inch of water or application of the product just prior to a rain event sufficient to penetrate to the root system of the target vegetation.

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.

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

When an adjuvant is to be used with this product, Loveland Products, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

USE RESTRICTIONS

- **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.
- **DO NOT** use this product to sloped areas where desirable vegetation or nearby water bodies may be located downhill of the application area, since injury to desirable plants and other vegetation may result.
- **DO NOT** apply this product in a residential setting.
- Weeds greater than 4 inches must be mowed, removed, or hoed into the soil prior to application.
- **DO NOT** enter or allow entry until sprays have dried.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g. wind direction, wind speed, temperature, relative humidity) and method of application (e.g. groundboom, sprayer) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size: Use only Medium or coarser spray nozzles according to ASAE (S572) definition for standard nozzles.

Wind Speed: Do not apply at wind speeds greater than 10 mph.

INDUSTRIAL SITES AND NONCROP AREAS

Pramitol 25E can be applied before or up to 3 months after weed emergence. Application rates vary from 4.0 to 10.0 gallons 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 use rates, the higher rates are intended for use on heavier soils where weed growth is heavy and where rainfall is expected to be relatively high. Use higher rates where longer residual control is desired in regions with a long growing season.

For applications to industrial sites, not including treatments made under solid or block paving, limit to 1 application per year. The maximum use rate is 0.20 pound active ingredient per 500 square feet, or the equivalent to a maximum of 18.0 pounds active ingredient per acre.

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.** 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 and grasses such as Downy brome grass, Oatgrass, Goosegrass, Quackgrass, Puncturevine, Goldenrod, and Plantain: Broadcast 4.0 to 6.125 gallons Pramitol 25E in 50.0 to 100 gallons of water per acre.

For control of hard-to-kill perennial weeds and grasses such as Johnsongrass, Bindweed, and Wild carrot: Broadcast 7.5 to 10.0 gallons of Pramitol 25E in 50.0 to 100 gallons 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 to 200 gallons per acre. Tall, dense vegetation such as Johnsongrass will generally require 150 or more gallons of oil per acre for thorough coverage.

When applying Pramitol 25E to a small area with backpack or pump-up sprayers with capacities of 1.0 to 3.0 gallons, calibrate the sprayer so that 1.0 gallon of water covers 500 square feet. Then mix 1/2 to 7/8 pint Pramitol 25E with water to obtain a total volume of 1.0 gallon and apply uniformly over a 500 square foot 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.

RESTRICTIONS: WHEN USED ON INDUSTRIAL SITES AND NONCROP AREAS:

- 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.
- **DO NOT** use on land to be cropped.
- **DO NOT** use for weed control in greenhouses.

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.

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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. Recomposition 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 7.8 gallons per acre (23.0 ounces per 1000 square feet) in a minimum of 100 gallons of water. Use the lower rate to control annual and susceptible perennial weeds and grasses 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 Johnson grass, Bindweed, and Wild carrot.

- **DO NOT** use Pramitol 25E under asphalt coatings less than 2 inches thick.
- Limit to 1 application per year.
- The maximum use rate of 0.18 pound active ingredient per 500 square feet or the equivalent to a maximum of 16.0 pounds active ingredient per acre.

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 23.0 fluid ounces per 1000 square feet (equivalent to 7.8 gallons per acre 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 Johnson grass, 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.

RESTRICTIONS WHEN USED UNDER ASPHALT OR MIXED WITH CUTBACK ASPHALT:

- **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.
- **DO NOT** apply Pramitol 25E with asphalt emulsions such as SS.
- 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.
- **DO NOT** use on land to be cropped.
- **DO NOT** use for weed control in greenhouses.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store at temperatures above 32 °F.

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

CONTAINER HANDLING: Nonrefillable Container (5.0 gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Nonrefillable Container (greater than 5.0 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Refillable Container (greater than 55 gallons): Refillable container. Refill this container with prometon only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC – 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

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