

28-OCT-2004

FRONT

GROUP	4	HERBICIDE
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**PAR III®**

TURF HERBICIDE

COMMERCIAL

CAUTION                      POISON

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

GUARANTEE:

Mecoprop-P 100 g/L

2,4-D              190 g/L

Dicamba        18 g/L

(all present as dimethylamines)

REGISTRATION NO. 27884

PEST CONTROL PRODUCTS ACT

IN CASE OF SPILLS, POISONING OR FIRE TELEPHONE EMERGENCY

RESPONSE NUMBER

1-800-561-8273 (24 HOURS A DAY)

UNITED AGRI PRODUCTS CANADA INC.

789 Donnybrook Drive

Dorchester, Ontario N0L 1G5

15491

10/04

NET CONTENTS: 10L

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin, eyes and clothing. Do not inhale fumes. Avoid breathing spray mist. DO NOT APPLY BY AIR.

PROTECTIVE CLOTHING AND EQUIPMENT:

HANDLING THE CONCENTRATE (MIXING AND LOADING): Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, and protective eye wear (face shield or safety glasses). Rinse gloves before removal. Coveralls or a chemical-resistant apron should also be worn when open pouring from containers greater than 5 L.

HANDLING THE DILUTE SPRAY SOLUTION (DURING APPLICATION OR REPAIRING OR CLEANING EQUIPMENT): Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor.

OPERATOR USE PRECAUTIONS:

- Wear freshly laundered clothing and clean protective equipment daily.
- Rinse gloves before removal.
- Wash hands before eating, drinking, using tobacco or using the toilet.
- If herbicide penetrates clothing, remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.
- After using this product, remove clothing and launder separately, and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.
- After work, remove all clothing and shower using soap and water.

FIRST AID: If swallowed induce vomiting. Rush patient to nearest hospital taking this label with you or contact a poison control centre IMMEDIATELY. Never give anything by mouth to an unconscious person. In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water. In case of eye contact, flush with plenty of water for 15 minutes and get medical attention or contact a poison control centre. If inhaled, remove to fresh air and get medical attention or contact a poison control centre.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE: Store container tightly closed and away from seeds, feeds, fertilizer, plants and foodstuffs. Protect from freezing. Product exposed to sub-freezing temperatures should be warmed to 5°C and mixed thoroughly before using. Insecticides and fungicides should be segregated from herbicides so as to prevent the possibility of cross-contamination. SHAKE WELL BEFORE USING.

RETURNABLE CONTAINERS: Do not reuse this container for any purpose. For disposal, this container may be returned to the point of purchase (distributor/dealer).

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DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

DATAPAK

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- After work, remove all clothing and shower using soap and water.

**MIXING:** Shake this product well before using. Half fill the spray tank with clean water. Add the required amount of product and agitate thoroughly. Fill tank with clean water and agitate well before use. **NOTE:** If spray solution has been left standing, agitate thoroughly before use.

**TRANSFER SYSTEM FOR CONTAINERS LARGER THAN 20 L:** Use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

**USE PRECAUTIONS:** Avoid spray drift to any desirable vegetation NOT listed on this label as damage may occur. Avoid contamination of ponds, streams, rivers and other water sources. Do not spray during periods of high winds when spray is likely to drift. Coarse sprays are less likely to drift. Do not spray during periods of high temperatures when crops may be under stress as damage to the crop may occur.

**RESISTANCE MANAGEMENT RECOMMENDATIONS:**

For resistance management, PAR III is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to PAR III and other Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of PAR III or other Group 4 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage, cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Technical Service at 1-800-265-4624 or at [www.uap.ca](http://www.uap.ca).

**SPRAYER:** Clean all spray equipment thoroughly before use. Select nozzle tips to apply the recommended volume per hectare. Higher water volumes will reduce the risk of crop injury. Calibrate the sprayer and adjust the boom height to ensure uniform coverage. Nozzles must be in good condition and spraying the same volume. Flat fan nozzle tips are recommended.

**CLEANING OF SPRAYER:** Thoroughly clean the herbicide sprayer before applying any other chemical on crops which may be damaged (see USE PRECAUTIONS). Wash the outside of the sprayer and drain the tank completely. Remove and clean filters, screens and nozzle tips separately. Fill the sprayer tank with water. With the agitator running flush out the lines and boom, then drain. Fill the sprayer with clean water and use TANK and EQUIPMENT CLEANER or for each 100 L add 1 L household ammonia. Operate the pump and agitator for 15 minutes. If possible, let the solution remain in the tank and hoses overnight; recirculating and drain each time. DO NOT contaminate irrigation or drinking water when cleaning the sprayer.

**TIMING:** For best results spray when WEEDS ARE YOUNG AND ACTIVELY GROWING. Apply in good growing conditions.

**SPOT TREATMENT:** For knapsack application of PAR III for spot treatment of weeds such as thistles, mix 200 mL of product in 10 L of water. Wet all foliage thoroughly.

**DIRECTIONS FOR USE:**

PAR III is specially formulated for hard-to-kill weeds in turf (parks, lawns, golf courses, etc.). Contains amines of Mecoprop-P, 2,4-D and Dicamba. Controls dandelions, plantain, chickweed, clover, bedstraw, black medick (yellow clover), heal-all, ground ivy (creeping Charlie), knotweed (ironweed), ragweed, shepherd's purse, English daisy, poison ivy, orange hawkweed (devil's paint brush), buttercup.

**TURF (Other than bent grass):**

Apply Par III at the rate of 5.5 L in 300 L of water per hectare (55mL in 3 L of water per 100 m<sup>2</sup>) for adequate coverage. Apply by ground application.

**DO NOT USE BY AIR.** Use sufficient water for even distribution. Spray at low pressures (200–275 kPa) when the weeds are actively growing. Maximum kill of weeds will be obtained from spring or early fall application when weeds are actively growing. Avoid applying during long excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours of application. Do not apply to newly seeded turf until after the second or third mowing. Grass seed can be safely sown 1–2 weeks after application at recommended rate.

**BENT GRASS TURF:**

In closely mowed bent grass (putting and bowling greens, etc.) apply Par III at a maximum rate of 30 mL per 100 m<sup>2</sup> preferably in May, or mid–August through September. Slight turf yellowing will disappear after about one week.

**NOTE:** Care should be taken to avoid overdosing bent grasses. Large volumes of spray water (ie 30 mL in 20 L water per 100 m<sup>2</sup>) will aid in obtaining uniform coverage. If hand-type sprayers are used it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom as sideways application with a boom where the spray from more than one nozzle is allowed to fall on the same area will result in heavy local overapplication and subsequent turf discoloration or injury.

Avoid mowing for several days before and after treatment. Do not spray within 24 hours of rainfall or during hot, dry periods. Use caution when spraying near sensitive, desirable vegetation as contact with spray drift will cause damage.

MAXIMUM APPLICATION FREQUENCY TO TURF: For good turf/lawn management, normally two applications per year per treatment site are adequate. This does not include spot treatments.

RE-ENTRY INTERVAL FOR TURF: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treated areas until spray has thoroughly dried.

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TOXICOLOGICAL INFORMATION: May cause eye irritation on contact. Treat symptomatically.

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BASE

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