

# PRO-MATE® WEED & FEED

**CONTROLS DANDELION, CHICKWEED, KNOTWEED, PLANTAIN,  
HENBIT, AND OTHER BROADLEAF WEEDS.**

<b>ACTIVE INGREDIENTS:</b>	
2,4-dichlorophenoxyacetic acid.....	0.55%
(+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid.....	0.12%
Dicamba: (3,6-dichloro-o-anisic acid).....	0.05%
<b>INERT INGREDIENTS</b> .....	99.28%
<b>TOTAL</b> .....	100.00%

**THIS PRODUCT CONTAINS:**  
 11.0 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton.  
 2.4 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton.  
 1.0 lbs. 3,6-dichloro-o-anisic acid equivalent per ton.  
 Isomer Specific by AOAC Methods  
 Contains the single isomer form of Mecoprop-P.  
 TRIMEC® is a registered trademark of PBI/GORDON CORPORATION.  
 Covers 10,000 to 15,600 sq. ft.

## KEEP OUT OF REACH OF CHILDREN CAUTION

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call toll-free, 1-800-424-9300 for emergency medical treatment information.

**SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

SN 031606

EPA Reg. No. 2217-561-S905  
 EPA Est. No. 5905-NC-018

NET WEIGHT: 50 Lbs. (22.68 kg)

**MANUFACTURED FOR  
 HELENA CHEMICAL COMPANY  
 225 SCHILLING BOULEVARD, SUITE 300  
 COLLIERVILLE, TENNESSEE 38017**

ACCEPTED  
 FOR REGISTRATION  
 JUL 16 2010  
 NYSDEC

**STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.**

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

Harmful if swallowed. Do not inhale dust. Do not allow contact with skin, eyes or clothing.

When using this product, wear long-sleeved shirt, long pants, gloves, socks and shoes. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

**ENVIRONMENTAL HAZARDS**

Drift or runoff may adversely affect nontarget plants. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not apply when weather conditions favor drift from target area.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPP and 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPP and 2,4-D 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**

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried or dust has settled.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals.

**DISPOSAL: If empty:** Do not reuse this container. Place in trash or offer for recycling if available.

**If partially filled:** Call your local solid waste agency or toll free number (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

**WHERE TO USE**

**PRO-MATE® WEED & FEED** is a Trimec® brand herbicide containing fertilizer, 2,4-D, mecoprop, and dicamba. This granular weed and feed provides plant nutrients and controls a broad spectrum of broadleaf weeds in turfgrass. Supplemental nitrogen, phosphorus, and potash should be applied according to soil tests or State Extension Service recommendations.

**PRO-MATE® WEED & FEED** is intended to be applied by noncommercial users, lawn care operators, and landscape personnel. Cool season and warm season grasses established in institutional, ornamental, and residential sites may be treated.

Institutional sites are defined as turf areas around properties or facilities providing a service to public or private organizations; for example, hospitals, nursing homes, schools, museums, libraries, sport facilities (including golf courses) and office buildings may be treated. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, and institutional buildings.

Finally, residential sites are defined as areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals, or convalescent homes.

**PRO-MATE® WEED & FEED** may be applied to newly seeded cool season turfgrass. Applications are recommended only after the third mowing or after the grass seedlings have thinned and have developed an adequate secondary root system.

**PRO-MATE® WEED & FEED** may be applied to newly established warm season turfgrass. Treatments should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations, and low application rates (1/2 of the recommendation for established turfgrass) are suggested.

A uniform broadcast distribution of product on the and use care in the application of this product will Do not use this product on dichondra, carpetgrass, desirable clovers.

**W**  
Dandelion, chickweed, plantain, and clover are common weeds shown below:

Bedstraw	Clover
Black medic	Dandelion
Buckhorn	Dock
Burdock	Ground
Chicory	Healall
Chickweed	Henbit

**HI**  
**For Kentucky Bluegrass, Fescue spp., Perennial PRO-MATE® WEED & FEED** per acre of established 1,000 square feet of turfgrass.

Generally, the lower application rates within the specified range will be application rates within the specified range will be mental conditions, or for weeds beyond the approved. The maximum application rate to turf is 1.2 pound broadcast applications per treatment site is 2 per Sequential or follow-up applications may be required mental conditions prior or after application may require applications should be approximately 30 days Drop spreaders, rotary spreaders, and other granular product. Calibrate the equipment by applying the recommendations of the equipment manufacturer

Bag Size, Pounds	Desired Rate Per Acre, Pounds
50	139 - 218

**APPL**

1. Spring and fall applications are recommended time broadleaf weeds are present and actively
2. Mow the turfgrass 2 to 3 days before applicatio
3. Water the turfgrass thoroughly (> 1/2 inch) at lot
4. Schedule applications in the morning when de maximum control.
5. Rainfall or irrigation within 24 hours after appli 24 hours after application.

**FOLLOW DIRECTIONS CAREFULLY.**

A uniform broadcast distribution of product on the treated area is essential. Do not exceed the specified application rate for any area and use care in the application of this product within the dripline of trees, shrubs, and other ornamentals.  
Do not use this product on dichondra, carpetgrass, St. Augustinegrass, closely-mowed bentgrass putting greens, or turf containing desirable clovers.

**ANIMALS**

When using this product, remove clothing and wash with soap and water.

Do not use on water, or to areas where surface water. When disposing of equipment washwater, get it away from wells and other water.

1,2,4-D have been associated with mixtures of pesticides at such sites to prevent contamination. This will reduce the probability of spills and prevent groundwater contamination.

For production, or for research purposes.

Do not enter treatment area until spray has dried.

Keep treated storage area inaccessible to children and pets. For disposal instructions. Never place in open flames.

Prop, and dicamba. This granular weed killer. Supplemental nitrogen, phosphorus, potassium, and landscape personnel. Cool temperatures may be treated. Do not use on public or private organizations; for golf courses and office buildings may be treated. Do not use on tail outlets, canteens, and institutional buildings.

Do not use on apartment complexes, or convalescent homes. Applications are recommended only after the secondary root system. Treatments should be delayed until 3 to 4 weeks after recommendation for established turf.

**WEEDS CONTROLLED**

Dandelion, chickweed, plantain, and clover are controlled effectively with PRO-MATE® WEED & FEED. A partial list of susceptible weeds is shown below:

Bedstraw	Clover	Knotweed	Purslane
Black medic	Dandelion	Lambsquarters	Ragweed
Buckhorn	Dock	Morningglory	Sheep sorrel
Burdock	Ground ivy	Peppergrass	Shepherdspurse
Chicory	Healall	Pigweed	Speedwell
Chickweed	Henbit	Plantain	Thistle

**HOW MUCH TO APPLY**

For Kentucky Bluegrass, Fescue spp., Perennial Ryegrass, Bermudagrass, and Zoysiagrass - Apply 139-218 pounds of PRO-MATE® WEED & FEED per acre of established turfgrass. Or the equivalent application rate is 3.2-5.0 pounds of product per 1,000 square feet of turfgrass.

Generally, the lower application rates within the specified range will provide satisfactory control of sensitive weed species. The higher application rates within the specified range will be required for dense infestations of perennial weeds, for adverse/extreme environmental conditions, or for weeds beyond the appropriate growth stages.

The maximum application rate to turf is 1.2 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

Sequential or follow-up applications may be required for dense infestations of perennial and biennial weeds. Also, adverse environmental conditions prior or after application may reduce the effectiveness. If required, the treatment interval between the first and second applications should be approximately 30 days.

Drop spreaders, rotary spreaders, and other granular equipment should be calibrated for accurate and uniform applications of this product. Calibrate the equipment by applying the product over a measured or known area and adjust the equipment according to the recommendations of the equipment manufacturer.

Bag Size, Pounds	Desired Rate Per Acre, Pounds	Desired Rate Per 1,000 Sq. Ft., Pounds	Treated Area For This Bag Size	
			Acres	Sq. Ft.
50	139 - 218	3.2 - 5	0.23 - 0.36	10,000 - 15,600

**APPLICATION SUGGESTIONS**

1. Spring and fall applications are recommended for the best control. However, PRO-MATE® WEED & FEED can be applied any time broadleaf weeds are present and actively growing.
2. Mow the turfgrass 2 to 3 days before application.
3. Water the turfgrass thoroughly (>1/2 inch) at least 1 to 2 days before application.
4. Schedule applications in the morning when dew is present. Or sprinkle or irrigate lightly (<1/4 inch) before application to provide maximum control.
5. Rainfall or irrigation within 24 hours after application may reduce the effectiveness. Do not irrigate or water the turfgrass within 24 hours after application.

**CONDITIONS OF SALE - LIMITED WARRANTY  
AND LIMITATIONS OF LIABILITY AND REMEDIES**

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

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

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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PRO-MATE® is a registered trademark of Helena Holding Company

**PRO-MATE**

**CONTROLS DANDELION  
HENBIT, AN.**

**ACTIVE INGREDIENTS:**

2,4-dichlorophenoxyacetic acid .....  
(+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid .....  
Dicamba: [3,6-dichloro-o-anisic acid] .....

**INERT INGREDIENTS** .....

**TOTAL** .....

**THIS PRODUCT CONTAINS:**

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2.4 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent  
1.0 lbs. 3,6-dichloro-o-anisic acid equivalent per total active ingredients  
Isomer Specific by AOAC Methods  
Contains the single isomer form of Mecoprop-p.  
TRIMEC® is a registered trademark of PBI/GORDON  
Covers 10,000 to 15,000 sq. ft.

**KEEP OUT OF REACH OF CHILDREN**

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse</li> <li>• Remove contact lenses</li> <li>• Call a poison control center</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing</li> <li>• Rinse skin immediately</li> <li>• Call a poison control center</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center</li> <li>• Have person sip a glass of water</li> <li>• Do not induce vomiting</li> <li>• Do not give anything by mouth to unconscious person</li> </ul>

Have the product container or label with you when you call toll-free, 1-800-424-9300 for emergency medical assistance.

**SEE INSIDE PANEL FOR ADDITIONAL INFORMATION**

SN 031606

EPA Reg. No. 2217-581-5905  
EPA Est. No. 5905-NC-018

M  
HELENA  
225 SCHILLY  
COLLIER  
Job #21996

**WARRANTY  
MEDIES**

When using this product, if the terms of the warranty are not met, the product will be refunded.

Efficient control of pests and/or injury to crops under normal weather conditions, the failure to control pests and/or injury to crops, the failure to control weeds, or the failure to control insects, man or the environment. The Company makes no other implied warranty of merchantability.

Use of this product shall be limited to:

The Company is not liable for special, incidental, or consequential damages, including loss of profits or income. The following conditions of sale and limitation apply:

# PRO-MATE® WEED & FEED

**CONTROLS DANDELION, CHICKWEED, KNOTWEED, PLANTAIN,  
HENBIT, AND OTHER BROADLEAF WEEDS.**

**ACTIVE INGREDIENTS:**

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**INERT INGREDIENTS**

TOTAL .....	100.00%
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## KEEP OUT OF REACH OF CHILDREN CAUTION

**FIRST AID**

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
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SN 031606

EPA Reg. No. 2217-581-5905  
EPA Est. No. 5905-NC-016

NET WEIGHT: 50 Lbs. (22.68 kg)

**MANUFACTURED FOR  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TENNESSEE 38017**

Job #21996