

PM 25 10163-94

10/12

November 13, 1996

Ms. Cindy Baker  
Gowan Company  
P.O. Box 5569  
Yuma, AZ 85366-5569

Subject: Gowan Prometryne 4L  
EPA Registration No. 10163-94  
Label Amendment  
Your Application Dated 11/04/96

Dear Ms. Baker:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable and a stamped copy is enclosed for your records.

Sincerely yours,



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

Enclosure

2912

# GOWAN PROMETRYNE 4L HERBICIDE

<b>ACTIVE INGREDIENT:</b>	<b>% By Wt.</b>
Prometryne: (2,4-bis (isopropylamino)-6-methylthio)-s-triazine .....	44.4%
<b>INERT INGREDIENTS</b> .....	55.6%
<b>TOTAL</b>	<b>100.0%</b>

ACCEPTED  
WITH COMMENTS  
In EPA Letter Dated  
**NOV 13 1996**

Contains 4 lbs. Prometryne per gallon

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 10163-44  
**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED**, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED**, remove victim to fresh air. Apply artificial respiration if indicated.

**IF IN EYES**, flush eyes with plenty of clear water for at least 15 minutes. Get medical attention if irritation persists.

**IF ON SKIN**, wash with soap and water.

**NOTE TO PHYSICIAN**: If ingested, there is no specific antidote. Induce emesis or lavage stomach. Give saline laxative and supportive therapy.

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

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with eyes, skin or clothing.

### 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 C on an EPA chemical-resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Polyvinyl Chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils
- Shoes plus socks

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.

### 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. soon as possible, wash thoroughly and change into clean clothing.

NET CONTENTS \_\_\_\_\_ GALLONS

EPA Reg. No. 10163-94  
EPA Est. No. 9779-AR-13

Gowan Company  
P.O. Box 5569  
Yuma, AZ 85366-5569

ENVIRONMENTAL HAZARDS

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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 disposing of equipment washwaters. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from area treated.

**DIRECTIONS FOR USE**

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

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. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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:

- Coveralls
- Chemical-resistant gloves, such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Polyvinyl Chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils
- Shoes plus socks

**CHEMIGATION STATEMENT**

Do not apply through any type of irrigation system.

**GENERAL USE INFORMATION**

GOWAN PROMETRYNE 4L is a selective herbicide that may be applied either before or after weeds emerge for control of most annual broadleaf weeds and grasses, including:

- |  |                  |                            |                        |
|--|------------------|----------------------------|------------------------|
| groundcherry                                   | lambquarter      | annual morningglory        | malva                  |
| mustard  | black nightshade | pigweed (carelessweed)     | purslane               |
| Florida pusley                                 | ragweed          | smartweed                  | teaweed (prickly sida) |
| crabgrass                                      | foxtail          | goosegrass                 | jungerice              |
| <i>Panicum</i> spp.                            | wild oats        | barnyardgrass (watergrass) |                        |
| signalgrass (and other <i>Brachiaria</i> spp.) |                  |                            |                        |

GOWAN PROMETRYNE 4L also controls shallow-germinating seedling of cocklebur, coffeeweed, and sandbur. It does not control johnsongrass, bermudagrass, other established perennials, or sprangletop at selective rates.

When applied before weeds emerge, GOWAN PROMETRYNE 4L enters weeds through their roots. Thus, its effectiveness depends on moisture to move it into the soil. Under very dry soil conditions after application, a shallow cultivation or rotary hoeing will generally result in better control.

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When applied to emerged weeds, GOWAN PROMETRYNE 4L provides foliar knockdown and/or residual control of later germinating weeds, depending on the rate applied.

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.

**FAILURE TO FOLLOW PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR PERFORMANCE, AND/OR ILLEGAL RESIDUES.**

#### **EQUIPMENT AND MIXING**

Thoroughly clean sprayer prior to use. Do not use a sprayer contaminated with 2,4-D or other materials, as crop damage or sprayer clogging may result.

Use conventional spray equipment with hydraulic or mechanical agitation except in Arizona and California where only mechanical agitators are recommended.

Screens in nozzles and in suction and in-line strainers should be no finer than 50-mesh. Use a pump with capacity to maintain 35-40 psi at the nozzles. If hydraulic agitation is used, the pump should also provide sufficient agitation in the tank to keep the mixture in suspension.

**NOZZLES:** For preplant incorporated or preemergence application, use flat fan nozzle tips. For post-emergence band application, use off-center nozzle tips. For post-emergence broadcast application, use flat fan or off-center nozzle tips. Use flood nozzle tips only in Arizona and California for layby treatment in cotton at least 18 inches tall.

**MIXING:** (1) Fill spray tank  $\frac{1}{2}$  to  $\frac{3}{4}$  full with clean water. (2) Start agitation. (3) Pour the product directly from the container into the spray tank partially filled with water, and then add the rest of the water. (4) Provide agitation during mixing and application to maintain a uniform suspension.

**CLEANING:** Wash sprayer thoroughly with clean water immediately after use. Do not use the same sprayer on sensitive crops, as even small residues of Prometryne in the tank may cause injury to these crops.

#### **SEEDBED PREPARATION**

To insure proper placement of GOWAN PROMETRYNE 4L, seedbeds must be well prepared and as free as possible from trash and clods. A firm seed bed is best for obtaining effective weed control. Uniformity in height and width of seedbed is essential for proper post-emergence applications of GOWAN PROMETRYNE 4L. Beds should be low and flat. Take care to avoid planter marks. Wide planter packing wheels or rollers are recommended. Wheel furrows should be uniform in depth. Mount the sprayer so that it follows the same rows as the planter.

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### BAND TREATMENT

For band treatment, calculate the amount of GOWAN PROMETRYNE 4L needed by the following formula:

$$\frac{\text{band width in inches} \times \text{broadcast rate per acre}}{\text{row width in inches}} = \text{amount needed per acre of field}$$

### COTTON

**Do not allow livestock to feed or graze on treated cotton crops.**

GOWAN PROMETRYNE 4L may be applied preplant incorporated or preemergence and/or post-emergence as recommended in the following tables. The post-emergence applications may follow preplant incorporated or preemergence treatment of GOWAN PROMETRYNE 4L.

Apply GOWAN PROMETRYNE 4L in a minimum of 20 gals. of water per acre as a broadcast or band application at the rates indicated in the following tables.

**Do not use on glandless cotton varieties or crop injury will occur.**

**Note:** Do not feed treated forage to livestock, or graze treated areas.

#### PREPLANT INCORPORATION (Arizona, California, and New Mexico):

Apply GOWAN PROMETRYNE 4L at the appropriate rate as a broadcast or band treatment. If broadcast, treat the flat soil surface prior to listing. If banded, apply over partially finished or finished beds. Incorporate up to 4 inches deep immediately after application with PTO-driven equipment, double disk, rolling cultivator, or bed conditioner.

#### Preplant Incorporation

Region	Soil Texture	Broadcast Rate Per Acre
Arizona, California, and New Mexico	sand, loamy sand	Do not use
	sandy loam (AZ & CA only)	2.4 - 3.2 pts.
	sandy loam, loams (NM only)	3.2 pts.
	silt loam, clay	4.8 pts.

**Precaution:** Do not use GOWAN PROMETRYNE 4L in cut areas of newly leveled fields, in areas of excess salt, or in areas where flooding over the beds is likely to occur or crop injury may result. Do not plant cotton in tractor wheel depressions or crop injury may result. On mulch planted cotton, water back only after cotton seedlings are well established. In New Mexico, apply either preplant incorporated or preemergence, not both. (See Preemergence section.)

GOWAN PROMETRYNE 4L may be applied aerially and preplant incorporated for weed control in furrow-irrigated cotton (except in California).

Use aerial application only where broadcast applications are specified. Apply in a minimum of 5 gals. per acre of total spray. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. To assure that spray will be controllable within the target area when used according to label directions, make applications at a maximum height of 10 ft., using low drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive non-target plants, apply GOWAN PROMETRYNE 4L by aircraft at a minimum upwind distance of 400 ft. from sensitive plants.

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**PREEMERGENCE:**

Apply at planting or shortly after planting at the appropriate rate. GOWAN PROMETRYNE 4L may be used on cotton planted flat, on beds, or in furrows. To avoid concentration of Prometryne in the seed furrow, do not make broadcast applications to cotton planted in furrows deeper than 2 inches. Band applications may be made to cotton planted in furrows deeper than 2 inches, but band width should not exceed the width of the bottom of the furrow. If banded, do not cover treated bands with soil while cultivating untreated row middles. Do not use on sand or loamy sand, on shallow soils with caliche subsoils, or in areas with caliche outcroppings.

Cotton may be replanted in soil previously treated with GOWAN PROMETRYNE 4L. Do not apply a second preemergence application of Prometryne or injury may occur.

**Preemergence**

Region	Soil Texture	Broadcast Rate Per Acre
Mid-South and Southeast	sandy loam	3.2 - 4 pts.
other than Mississippi River Delta in Mississippi	silt and clay loam	4.8 pts.
	Sharkey clay (Arkansas only)	5.6 pts.
Mississippi River Delta in Mississippi	sandy loam	4 - 4.8 pts.
	silt and clay loam	5.6 pts.
	Sharkey clay	Do not use
Blacklands of Texas and Oklahoma, Texas Gulf Coast, and Texas Coastal Bend	loam	2.4 pts.
	clay	4.8 pts.
Rio Grand Valley of Texas*	loam	3.2 pts.
	clay	4.8 pts.
High Plains, Rolling Plains and Edwards Plateau of Texas, Southwest Texas and New Mexico**	sand, loamy sand	Do not use
	sandy loam	1.6 pts.
	loam, sandy clay loam	2.4 pts.
	other clay soils	3.2 pts.
Arizona and California		Do not use

\*Rio Grand Valley of Texas - Furrow irrigation in cotton- If adequate rain does not fall soon after application, a shallow cultivation will ensure good weed control.

\*\*New Mexico - Apply either preplant incorporated or preemergence, not both. (See Preplant Incorporation section)

**WINTER WEED CONTROL IN TEXAS:**

For control of winter weeds *only*, such as henbit (purpletop) and seedling dock on fall bedded cotton land in the Texas Gulf Coast and Blacklands of Texas, apply 1.2 - 1.6 pts. of GOWAN PROMETRYNE 4L per acre in the fall or winter to land that will be planted to cotton the following spring. For best results, apply before weeds emerge. GOWAN PROMETRYNE 4L will give effective control of emerged henbit if applied before it reaches 4-6 inches tall. For post-emergence henbit control, add a suitable surfactant, such as X-77<sup>®</sup>, at 0.5% of spray volume or an emulsifiable oil at 1.0% of spray volume to the spray tank.

**POST-EMERGENCE DIRECTED:**

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Be especially careful in applying GOWAN PROMETRYNE 4L post-emergence to prevent contact of the spray with cotton leaves, or injury may occur. Use precision application equipment so the spray is accurately directed to the base of the cotton plants and still thoroughly covers the soil and weeds beneath the cotton plants. Apply during calm periods to prevent drift. Use leaf lifters or shields if leaf contact cannot be avoided merely by directing the spray. Apply only when all plants have exceeded the minimum recommended height. Apply to level, well prepared surfaces such as relatively clod-free beds made with bed-shapers.

Do not apply to furrow-planted cotton until furrows are leveled (plowed-in).

Do not treat cotton under stress from drought, cultivator damage, or fertilizer application.

When applying to emerged weeds, add 2 qts. of surfactant per 100 gals. of spray mixture. Use a surfactant that is compatible with GOWAN PROMETRYNE 4L when applied in cotton and is approved by EPA for use on food and feed crops. Examples include X-77®, Tronic, and Triton.

**CHEMICAL HOE (Emerged Weeds only):**

Apply GOWAN PROMETRYNE 4L at the appropriate rate two or three times if necessary. In cotton 3-6 inches tall, be extremely careful to avoid spray contact with cotton leaves by applying GOWAN PROMETRYNE 4L with a precision applicator equipped with fenders or shields such as Bell Row Shield, Dickey Fenders, or W & A Fenders. In cotton less than 10 inches tall, apply only if cotton is bed or flat-planted.

**Chemical Hoe**

Height Of Cotton and Area Of Use	Height of Weeds	Broadcast Rate Per Acre
3 to 6 inches (Arkansas, Louisiana, Mississippi, Missouri, Tennessee, and Texas)	less than 1 inch	1 pt.
6 or more inches (all regions)	less than 2 inches	1 - 1.3 pts.

**LAY-BY (Emerged Weeds and Germinating Weeds):**

Apply GOWAN PROMETRYNE 4L at the appropriate rate once per season when cotton is at least 12 inches tall (18 inches where flood nozzles are used in Arizona and California). Apply before weeds are 2 inches tall.

**Lay-By**

Region	Soil texture	Broadcast Rate Per Acre
Mid-South and Southeast	sand	2.4 pts.
	loam	2.8 pts.
	clay	3.2 pts.
Blacklands of Texas and Oklahoma	loam	1.6 pts.
	clay	3.2 pts.
High Plains of Texas and New Mexico	sand	1.6 pts.
	loam and clay	2.4 pts.
Southwest Texas	loam	2.4 pts.
	clay	3.2 pts.

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Rio Grande Valley  
of Texas

Do Not Use

Arizona and California	sand and loamy sand	Do Not Use
(Do not use in the Coachella Valley)	sandy loam	2.4-3.2 pts.
	loam	3.2 pts.

**ROTATIONAL CROPS:**

The following vegetables and cover crops may be planted in the fall when GOWAN PROMETRYNE 4L was applied on cotton by no more than one of these methods that year: Preplant incorporate, preemergence, or only one chemical hoe treatment.

**Vegetables:** Cabbage, okra, onions, peas, red beets, sweet corn.

**Cover Crops** (must be plowed down and not used for food or feed): Oats, sorghum, winter barley, winter rye, winter wheat.

Spring-seeded crops in California and Arizona and spring-seeded vegetables in the Rio Grande Valley of Texas should not be planted until after April 1.

**GOWAN PROMETRYNE 4L COMBINATIONS FOR COTTON**

A tank mix of GOWAN PROMETRYNE 4L and Trifluralin or a tank mix of GOWAN PROMETRYNE 4L and Prowl may be applied and preplant incorporated for weed control in cotton.

These tank mixes may be applied acrially and preplant incorporated (except in California). Use aerial application only where broadcast applications are specified. Apply in a minimum of 5 gals. per acre of total spray. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. To assure that spray will be controllable within the target area when used according to label directions, make applications at a maximum height of 10 ft., using low drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive non-target plants, apply GOWAN PROMETRYNE 4L by aircraft at a minimum upwind distance of 400 ft. from sensitive plants.

**PROWL TANK MIXTURE (Arizona, California, New Mexico, and the Upper and Lower El Paso Valley Texas):**

This preplant incorporated tank mixture controls all weeds listed on this label and on the Prowl cotton label. Apply prior to listing or over partially finished or finished beds and incorporate immediately. Refer to the Prowl label for specific spraying and incorporation methods. Continuous agitation in the spray tank is required to keep the material in suspension.

Fill tank 1/2 to 3/4 full with clean water and agitate. Premix one part GOWAN PROMETRYNE 4L with one part water and add this diluted mixture into the partially-filled tank while agitating. After complete mixing, add Prowl to the tank. Fill the remainder of the tank with water while agitating.

Apply the tank mixture with ground equipment in at least 10 gals. of water per acre or by air in at least 5 gals. of water per acre (according to tank mix directions above) at the appropriate rates from table below.

Tank mixture with Prowl

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Soil Texture	Prowl	GOWAN PROMETRYNE 4L
Sand, loamy sand		Do not use
Sandy loam	1 - 1.5 pts.	2.4 - 3.2 pts.
Loam	1.5 - 2 pts.	3.2 pts.
Silt loam, silt, sandy clay loam	1.5 - 2 pts.	3.2 - 4.8 pts.
Clay loam, silty clay loam, clay	1.5 - 3 pts.	3.2 - 4.8 pts.

Use the high rate for each soil texture above if heavy weed populations are anticipated. Use the 3 pt. rate of Prowl for heavy clay soils.

**Precautions:** To avoid crop injury, 1) Do not use in cut areas of newly leveled fields, in areas of excess salt, or in areas where flooding over the bed is likely to occur. 2) Do not plant cotton in tractor wheel depressions. 3) Do not use this tank mixture when cotton is irrigated up. 4) On mulch planted cotton, water back only after cotton seedlings are well established.

**Note:** Do not feed treated forage to livestock, or graze treated areas, or illegal residues may result.

**Rotational Crops:** If treated crop is lost, cotton may be replanted. Do not rework the soil. Refer to the Prowl label and the COTTON section of this label for rotational crop restrictions.

**TRIFLURALIN TANK MIXTURE (Arizona, California, New Mexico, and the Upper and Lower El Paso Valley of Texas):**

Any EPA registered 4 or 5 lbs. per gallon Trifluralin product may be used for this tank mix. This combination controls weeds listed on this label and on the Trifluralin label. This combination also controls shallow-germinating seedlings of cocklebur and coffeeweed.

**Note:** Under conditions of very soft water, conduct a compatibility test with GOWAN PROMETRYNE 4L and Trifluralin to assure compatibility before mixing in spray tank. Follow procedure on the Trifluralin label for oil preparation and incorporation. Apply the tank mix combination to the flat soil before disking. Pour GOWAN PROMETRYNE 4L directly into spray tank 1/2 to 3/4 of water, allow it to disperse with agitation, add Trifluralin, and then add the rest of the water. Continuous agitation in the spray tank is required to keep the material in suspension. Apply the tank mixture by ground in at least 20 gals. of water per acre or by air in at least 5 gals. of water per acre (according to tank mix directions above) at the appropriate rates from table below.

**Tank Mix with Trifluralin Broadcast Rate Per Acre**

Soil Texture	4 lbs./gal. Trifluralin	5 lbs./gal. Trifluralin	GOWAN PROMETRYNE 4L
Sand, loamy sand		Do Not Use	
Sandy loam	1 pt.	0.8 pt.	2.4 - 3.2 pts.*
Medium soils	1.5 pts.	1.2 pts.	4 pts.
Heavy soils	2 pts.	1.6 pts.	4 pts.
Silt or peat		Do Not Use	

\*Use less than 3.2 pints per acre only in Arizona and California.

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**Precautions:** To avoid crop injury, 1) Do not use in cut areas of newly leveled fields, in areas of excess salt, or in areas where flooding over the bed is likely to occur. 2) Do not plant cotton in tractor wheel depressions. 3) On mulch planted cotton, water back only after cotton seedlings are well established.

**Note:** Do not feed treated forage to livestock, or graze treated areas, or illegal residues may result.

**Rotational Crops:** Cabbage, celery, okra, onions, and peas may be planted in the fall after a spring application of Trifluralin plus Prometryne. Winter barley, rye, and wheat can be planted in the fall if they are plowed down and not used for food or feed. Refer to the Trifluralin label for other directions and precautions.

**TRIFLURALIN SPLIT APPLICATION (Arizona and California):**

Apply a preplant incorporated application of Trifluralin as directed on that label, except use the appropriate rate from the table above. Do not apply Trifluralin before January 1. Follow at planting or just before planting with a preplant incorporated treatment of GOWAN PROMETRYNE 4L as directed in the COTTON section of this label, except use the appropriate rate from the table above.

**DSMA or MSMA:**

For faster knockdown of the weeds controlled by GOWAN PROMETRYNE 4L alone, apply 1 - 1.3 pts. of GOWAN PROMETRYNE 4L plus 3 lbs. active ingredient of DSMA or 2 lbs. active ingredient of MSMA per acre, following the same directions, precautions, and limitations as given on this label for GOWAN PROMETRYNE 4L applied alone by post-emergence directed (chemical hoe). If needed, make a second application 1-3 weeks after the first application. Do not apply after first bloom.

Several formulations of DSMA and MSMA are available under various trade names from several manufacturers. Observe the directions, limitations, and precautions on the label of the product used.

**CELERY, FENNEL  
(Except in California)**

**SEEDBEDS (Florida):**

Broadcast 1.2 - 1.6 pts. in a minimum of 20 gals. of water per acre after celery has 2-5 true leaves. Application may be made over the celery. Apply only after seedbed covers have been removed from seedbeds for at least one week. Apply only once per year to seedbeds.

**TRANSPLANTS:**

Apply one application at the appropriate rate from the table below in a minimum of 20 gallons of water per acre during the 2-6 week period after transplanting. Within the rate ranges given, use the lower rate on relatively coarse-textured soils and soils low in organic matter; use the higher rate on relatively fine-textured soils and soils high in organic matter. Application may be made over the celery. Apply before weeds are 2 inches tall.

**Transplanted Celery**

State	Soil	Broadcast Rate Per Acre
Florida	sand or muck	1.6 - 3.2 pts.
Hawaii	coarse-textured	3.2 - 4.8 pts.
	fine-textured	4.8 - 6.4 pts.
Texas and Arizona	coarse-textured	2 - 3.2 pts.
	fine-textured	3.2 - 4 pts.
Michigan, Ohio	fine-textured or muck	2 - 4 pts.
Wisconsin	fine-textured	3.2 - 4 pts.

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**Rotational Crops:** The following crops may be seeded 5 months after applying no more than 4 pts. GOWAN PROMETRYNE 4L per acre on celery: Cabbage, celery, corn, cotton, onions, peas, and red beets.

*To avoid injury to celery: (1) make either one preemergence or one postemergence application (not both) per celery crop. (2) Use on sand or loamy sand may cause crop injury. (3) Do not apply if celery is under water stress. (4) Do not apply preemergence treatments of Gowan Prometryne 4L with other pesticides. Apply only after foliar applications of other pesticides are dry. (5) Do not apply within two weeks after an application of a herbicidal oil, such as "carrot" oil.*

#### DILL

(California Only)

Make one preemergence or one postemergence application at the rate of 3.2 pts. per acre in a minimum of 20 gals of water per acre. Apply postemergence treatments before weeds are two inches tall. Do not harvest within 48 days of application.

*To avoid injury to dill: 1) make either one preemergence or one postemergence application (not both) per dill crop. (2) Use on sand or loamy sand may cause crop injury. (3) Do not apply if dill is under water stress. (4) Do not apply preemergence treatments of Gowan Prometryne 4L with other pesticides. Apply only after foliar applications of other pesticides are dry. (5) Do not apply within two weeks after an application of a herbicidal oil, such as "carrot" oil.*

**Rotational Crops:** The following crops may be seeded 5 months after applying no more than 3.2 pts. GOWAN PROMETRYNE 4L per acre on dill: Cabbage, celery, corn, cotton, onions, peas, and red beets.

#### PARSLEY

(California Only)

Broadcast 2 - 4 pints per acre in a minimum of 20 gallons of water per acre. Use the lower rates on coarse textured soils and soils low in organic matter; use the higher rates on fine textured soils and soils high in organic matter. Apply GOWAN PROMETRYNE 4L at planting or shortly after planting, before parsley emerges.

*To avoid injury to parsley: 1) Use on sand or loamy sand may cause crop injury. (2) Do not apply if parsley is under water stress. (3) Do not apply preemergence treatments of Gowan Prometryne 4L with other pesticides. Apply only after foliar applications of other pesticides are dry. (4) Do not apply within two weeks after an application of a herbicidal oil, such as "carrot" oil.*

#### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**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 you State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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*D&D*

*(Below are Celery Instructions from stamped label dated 4/7/94. Gowan Company removed California instructions from market label, but wishes to maintain the site on our stamped labeling.)*

**CELERY, FENNEL**

**Direct-seeded Celery (California only)**

Apply Gowan Prometryne 4L at rates given below in a minimum of 20 gals. of water per acre. Within the rate given, use the lower rates on coarse-textured soils and soils low in organic matter; use the higher rates on fine-textured soils and soils high in organic matter.

**Preemergence:** Broadcast 2.4-3.2 pts. per acre at planting or shortly after planting before celery emerges.

**Postemergence:** Broadcast 1.6-2 pts. per acre after celery has 2-5 true leaves. Application may be made over the celery. Apply before weeds are 2 inches tall.

**Transplants**

Apply one application at the appropriate rate from the table below in a minimum of 20 gals. of water per acre during the 2-6 week period after transplanting. Within the rate range given, use the lower rate on relatively coarse textured soils and soils low in organic matter; use the higher rate on relatively fine-textured soils and soils high in organic matter. Application may be made over the celery. Apply before weeds are 2 inches tall.

**Transplanted Celery**

State	Soil Type	Broadcast rate per acre
Florida	sand or muck	1.6-3.2 pts.
Hawaii	coarse-textured	3.2-4.8 pts.
	fine-textured	4.8-6.4 pts.
California, Texas, and Arizona	coarse-textured	2-3.2 pts.
	fine-textured	3.2-4 pts.
Michigan and Ohio	fine-textured or muck	2-4 pts.
Wisconsin	fine-textured	3.2-4 pts.

**Rotational Crops:** The following crops may be seeded 5 months after applying no more than 4 pts. Gowan Prometryne 4L per acre on celery: Cabbage, celery, corn, cotton, onions, peas, and red beets.  
**To Avoid Injury to Celery:** (1) Make either one preemergence or one postemergence application (not both) per celery crop. (2) Use on sand or loamy sand may cause crop injury. (3) Do not apply if celery is under water stress. (4) Do not apply preemergence treatments of Gowan Prometryne 4L with other pesticides. Apply only after foliar applications of other pesticides are dry. (5) Do not apply within two weeks after an application of a herbicidal oil, such as "corrot" oil.

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**NOTICE ON CONDITIONS OF SALE**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as the effect of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

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ACCEPTED  
with COMMENTS  
by EPA Letter Dated

NOV 13 1996

for the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as required for the pesticide  
under EPA Reg. No.  
*10162-94*

rev 6/8