

DEC 12 1994

Ms. Bethany G. Hulcy
Gowan
P.O. Box 5569
Yuma, AZ 85366-5569

Dear Ms. Hulcy:

Subject: Final Printed Labels
Gowan Prometryne 4L
EPA Reg. No. 10163-94
Your submission dated Dec. 5, 1994

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 Manager 25
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

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Gowan

PROMETRYNE 4L

Herbicide

ACTIVE INGREDIENT:	% BY WT.
Prometryne: (2,4-bis(isopropylamino)-6-methylthio)-s-triazine	44.4%
INERT INGREDIENTS	55.6%
	TOTAL 100.0%

Contains 4 lbs. Prometryne per gallon

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.

See container label for PRECAUTIONARY STATEMENTS and DIRECTIONS FOR USE.

in EPA Letter Dated:

NET CONTENTS 2 x 2 1/2 GALLONS

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

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

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

PRO-04-1194

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Herbicide

Gowan

P O Box 5569
Yuma, Arizona 85366-5569

EPA Reg No 10163-94
EPA Est No 4779-AR-13

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

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, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Units of weight

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

ENVIRONMENTAL HAZARDS

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 this 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 the 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. Except on: If the product's label is for 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 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 this product through any type of irrigation system

GENERAL USE DIRECTIONS

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, lambsquarter, annual morningglory, malva, mustard, black nightshade, pigweed (carelessweed), purslane, Florida pusley, ragweed, smartweed, feaweed (prickly sida), barnyardgrass (watergrass), crabgrass, foxtail, goosegrass, junglerice, Panicum spp., singrass (and other Bracharia spp.) and wild oats. Gowan Prometryne 4L also controls shallow-germinating seedlings 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

Following many, chemically related to the label has continued by this suspected were with other registe with your State Ag recommendations.

FAILURE TO FOR
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ILLEGAL RESIDU

Thoroughly clean contaminated with sprayer clogging with hydraulic oil. Arizona where on Screens in nozzle no finer than 60 or 40 psi. at the nozzle should also provide mixture in suspension. **NOZZLES:** For application use flat fan or air-center nozzle. Use flat fan or air-center nozzle in Arizona and California.

MIXING: (1) Fill
aqueous solution of
Spur, tap water or
water; (2) Provide
the following

CLEANING: Wash
away after use. Do
as often as needed.
Close tightly. The

To ensure proper germination, seeds must be well prepared. A firm seedling is essential. Uniformity in height and vigor at post-emergence are important. Take care when selecting seedlings. Uniformity in depth of sowing is essential. Rows as the plants

$$\frac{\text{band width in inches}}{\text{row width in inches}}$$

Do not allow livestock
Gowan Prometryne
preemergence and
following tables. To
preplant incorpora
Prometryne 4L
Apply Gowan Prom
acre as a broadcast
the following tables
**Do not use on gla
occur.**

Note: Do not feed
areas
PREPLANT INCORP
Mexico): Apply Go.

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INSTRUCTIONS

Chewing gum, used

sterile gels, made
clean clothing
during this product
removing. As soon as
into clean cloth

PRECAUTIONS

where surface water is
an high water mark. Do
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USE
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contact workers or other
only protected handlers.
For any requirements
agency responsible for

REQUIREMENTS

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s Barrier Laminate
ber > 14 mils. Neo-
Chloride (PVC) > 14

INSTRUCTIONS

pe of irrigation system

INSTRUCTIONS

icide that may be applied
control of most annual
cluding groundcherry,
ya, mustard, black night-
ne, Florida pusley, rag-
sida), barnyardgrass,
ass, jungleweed, Panicum
spp), and wild oats
allow-germinating seed-
bur. It does not control
ablished perennials or

Gowan Prometryne 4L
s effectiveness depends
very dry soil conditions

after application, a thorough cultivation or rotary hoe will gener-
ally result in better weed control.

When applied to emerged weeds, Gowan Prometryne 4L provides
fast 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 recom-
mendations.

**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 California and
Arizona 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 25-
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 applica-
tion, use flat fan nozzle tips. For postemergence band application,
use off-center nozzle tips. For postemergence broadcast applica-
tion, use flat fan or off-center nozzle tips. Use fluid nozzle tips only
in Arizona and California for lay-by treatment in cotton at or after
first flowering.

MIXING: (1) Fill spray tank to two-thirds full with clean water. Start
agitation. (2) Pour the product directly from the concentrate into the
spray tank partially filled with water, and then add the rest of the
water. (3) Provide agitation during mixing and application to
maintain a uniform suspension.

CLEANING: Wash sprayer thoroughly with clean water immedi-
ately after use. Do not use the same sprayer on sensitive crops,
as even small residues of Gowan Prometryne 4L in the tank may
cause injury to these crops.

SEEDBED PREPARATION

To ensure proper placement of Gowan Prometryne 4L, seedbeds
must be well prepared and as free as possible from trash and
clods. A firm seedbed is best for obtaining effective weed control.
Uniformity in height and width of seedbed is essential for proper
postemergence applications of Prometryne. 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.

BAND TREATMENT

For band treatment, calculate the amount of Gowan Prometryne
4L needed by the formula:

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

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 postemergence as recommended in the
following tables. The postemergence 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 soil
surface prior to testing. If banded, apply over partially tilled or
finished beds. Incorporate up to 4 inches deep immediately after
application with PTO driven equipment, tractor-drawn imple-
mentor, 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)	2-4.5 pts
	sandy loam, loams (NM only)	3-5 pts
	silt loam, clay	4-6 pts

Precautions: 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 treatment. See Precautions
on label section.

Gowan Prometryne 4L may be applied aerially and broadcast
incorporated for weed control in furrows and prepared cotton in
California.

Use aerial application only where the broadcast application rate
specified. Apply in a minimum of 5 gals. per acre for broadcast.
Avoid applications under conditions where uniformity cannot
be obtained or where excessive spray drift may result. To
assure that spray will be controllable within the target area, when
used according to label directions, maintain application at a maxi-
mum height of 10 ft., use a low draft nozzle at a minimum
pressure of 40 psi, and restrict application to a spray width and
speed does not exceed 10 mph. To assure that spray will not
adversely affect adjacent sensitive non-target plants, do not use
Prometryne 4L by aircraft at a height of upward of 100 ft. from
sensitive plants.

PREEMERGENCE:

Apply at planting or shortly after planting at the appropriate rate.
Gowan Prometryne 4L may be used on cotton planted flat in beds
or in furrows. To avoid concentration of Gowan Prometryne 4L in the
seed furrow, do not make broadcast applications in cotton planted in
furrows deeper than 2 inches. Band applications may be made on
cotton planted in furrows deeper than 2 inches, but band width should
not exceed the width of the bottom of the furrow. Do not use
coverbreak drill and/or with soil-cultivating implements. Do not use
Do not use on sand or loamy sand, or sticky soils with the
subsoils, or in areas with calcareous outcroppings.
Cotton may be replanted in soil previously treated with Gowan
Prometryne 4L.

Do not apply a second preemergence application of Gowan
Prometryne 4L or injury may occur.

Preemergence

Region	Soil Texture	Broadcast rate per acre
Mid-South and Southeast other than the Mississippi River Delta in Mississippi	sandy loam	3-2.4 pts
	silt and clay loam	4-5 pts
	Sharkey clay (Arkansas only)	5-6 pts
Mississippi River Delta in Mississippi	sandy loam	4-4.5 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	1-4 pts
	clay	4-5 pts
	clay	4-5 pts
Rio Grand Valley of Texas	loam	3-4 pts
	clay	4-5 pts

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Preemergence Cont.

Region	Soil Texture	Broadcast rate per acre
High Plains, Rolling Plains and Edwards Plateau of Texas	sand, loamy sand	Do not use
	sandy loam	1.6 pts
Southwest Texas and New Mexico*	loam, sandy clay loam	2.4 pts
	other clay soils	3.2 pts
Arizona and California		Do not use

***Rio Grande Valley of Texas**—Furrow irrigation 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 postemergence henbit control, add a suitable surfactant, such as X-77, at 0.5% of spray volume or an emulsifiable oil at 1.0% of spray volume to the spray tank.

POSTEMERGENCE DIRECTED:

Be especially careful in applying Gowan Prometryne 4L postemergence 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 shields 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 pts. 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, Triton, 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 apply Prometryne 4L with a precision applicator equipped with fenders or shields such as Bell Row Shield, Dirkey 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 beds	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

Rio Grande Valley of Texas		Do not use
Arizona and California (Do not use in the Coachella Valley)	sand and loamy sand	Do not use
	sandy loam	2.4-3.2 pts
	loam	3.2 pts

ROTATIONAL CROPS:

The following vegetable and cover crops may be planted in the fall when Prometryne 4L was applied on cotton by no more than one of these methods that year: preplant incorporated, preemergence, or only one chemical hoe treatment. Vegetables: Cabbage, okra, onions, peas, red beets, sweet corn. Cover Crops: must be plowed soon and not used for food or feed. Only sorghum, winter barley, winter rye, winter wheat. Spring-planted crops in California and Arizona and spring-seeded vegetables in 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 tank mix of Gowan Prometryne 4L or 1 Prowl may be applied and preplant incorporated for weed control in cotton.

These tank mixes may be applied aerially and preplant incorporated except in California. Use aerial application only when 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 p.s.i. and restrict application to periods when wind speed does not exceed 10 m.p.h. 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 of 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 Broadcast Rate Per

Soil Texture
Sand, loamy sand
Sandy loam
Loam
Silt loam, silt
Sandy clay loam
Clay, loam, silty clay
Clay, silty

Use the high rate for populations are anticipated.

Precautions: To avoid newly leveled fields, or flooding over the bed, tractor wheel depress cotton is irrigated up 4 after cotton seedlings. **Note:** Do not feed the areas or illegal residue. **Rotational Crops:** In the Rio Grande Valley of Texas, do not plant the following crops after cotton: Cabbage, okra, onions, peas, red beets, sweet corn.

TRIFLURALIN TANK Mexico and the Upper

Any EPA registered 4L tank mix of Trifluralin and Gowan Prometryne 4L may be applied and preplant incorporated for weed control in cotton.

These tank mixes may be applied aerially and preplant incorporated except in California. Use aerial application only when 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 p.s.i. and restrict application to periods when wind speed does not exceed 10 m.p.h. 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.

Tank Mix with Trifluralin Broadcast Rate Per

Soil Texture
Sand, loamy sand
Sandy loam
Medium soils
Fine soils
Muck or peat

*Use less than 3.2 pts. only after cotton seedling.

Precautions: To avoid newly leveled fields, or flooding over the bed, tractor wheel depress cotton is irrigated up 4 after cotton seedlings.

Note: Do not feed the areas or illegal residue. **Rotational Crops:** Cabbage, okra, onions, peas, red beets, sweet corn. **Trifluralin label for other**

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**Tank mixture with Prowl
Broadcast Rate Per Acre**

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: Irrigated crop, lost cotton may be replanted. Do not reseed the field. 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 lb./gal. product may be used for this tank mix.

This combination controls weeds in cotton, sorghum and on the Trifluralin label.

This combination also controls shallow germinating seedlings of cocklebur and cottonwood.

Note: Under conditions of very salt water, conduct a compatibility test. Mix Gowan Prometryne 4L and Trifluralin to assure compatibility before mixing in spray tank. Follow procedures on the Trifluralin label for soil preparation and incorporation. Apply the tank mix combination to the flat soil before disk. Pour Gowan Prometryne 4L directly into spray tank to 1/4 full 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 lb./gal. Trifluralin	5 lb./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
Fine soils	2 pts	1.6 pts	4 pts
Muck or peat			Do Not Use

*Use less than 3-2 pints per acre only in Arizona and California.

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 Gowan Prometryne 4L. 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 pints 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 postemergence 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—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 or row have been formed. Celery seedbeds for at least one week. Apply only once per year to the seedbed.

TRANSPLANTS:

Apply one application at the appropriate rate from the table below in a minimum of 20 gals. of water per acre during the first week of transplanting. Within the rate ranges, use the higher rate on relatively more textured soils.

On sandy soils, use the higher rate. Celery may be transplanted and planted in the ground 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	4-8-4-4 pts
Michigan, 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.

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 your 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.

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 effects 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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