

95.11.24

GESAGARD (R) 80W

AGRICULTURAL

HERBICIDE

Formulation of prometryne

Wettable powder for:
weed control in potatoes, carrots,
peas and celery

Net Weight: 2.75 kg

Guarantee:

prometryne.....	77.6%
related triazines.....	2.4%

READ THE LABEL BEFORE USING

REGISTRATION NO.: 11274 PEST CONTROL PRODUCTS ACT

CIBA-GEIGY CANADA LTD.
Plant Protection Division
6860 Century Avenue
Mississauga, Ontario
L5N 2W5

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.

FIRST AID

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN. Harmful if swallowed. Avoid contact with eyes or with skin. Avoid inhalation of dust and prevent contamination of food and feed. Do not use on crops other than those recommended on the label. Do not contaminate domestic or irrigation water supplies, lakes, streams and ponds. Do not re-use container; destroy when empty.

CAUTION: Do not graze the treated immature crops or cut for hay; there are not sufficient data available to support such use.

IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING CALL 1-800-267-6351

DISPOSAL:

1. Rinse the emptied container thoroughly and 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 and the cleanup of spills, contact the regional office of Conservation and Protection, Environment Canada.

GENERAL INFORMATION:

Gesagard (R) 80W is a wettable powder herbicide designed for application with a sprayer. When used in accordance with directions, most annual broadleaved weeds and annual grasses, including lamb's-quarters, redroot pigweed, wild mustard, purslane, lady's-thumb, corn spurry, hemp-nettle, common chickweed, eastern black nightshade and green foxtail are controlled. Gesagard works by both contact and root action and has a residual effect for 6 to 8 weeks. Best results are obtained when application is made to moist soil.

Do not use Gesagard on very cloddy soils as weed control may be poor. Established perennial weeds, such as quackgrass, Canada thistle and milkweed, are not controlled by Gesagard.

Gesagard is non-corrosive.

Triazine Tolerant Weeds: Some naturally occurring triazine tolerant populations of the above listed weeds may not be controlled by Gesagard 80W alone. These tolerant weed populations are able to survive a use rate higher than that

required to control susceptible weed populations. For information on how to control these triazine tolerant weed populations, consult your local agricultural authority.

DIRECTIONS FOR USE:

Potatoes: Prepare a good seedbed before planting. Best results are obtained on round, shallow hills, as application may be made more evenly.

Gesagard should be applied just prior to, or at emergence of the potatoes, but not after 10% of the crop has emerged. Some yellowing of emerged potato foliage may occur. These tops will regain their normal colour in about 2 weeks.

Application may be (a) to the soil; or (b) on emerged weed seedlings.

- a) To the soil. Such applications will normally be after a drag-off or hilling operation and must be followed by rainfall or irrigation for satisfactory weed control.
- b) On emerged weeds. Leave the field undisturbed to allow the weeds to grow, or carry out drag-off or hilling operations early, so weeds will have a chance to emerge before the potatoes. Applications should be made before the weeds are 5 cm high. Emerged weeds will be killed even if rainfall does not occur.

RATES TO USE: Sandy soils 2.75 kg/ha; Sandy loam soils 3.25 kg/ha; Muck soils 4.25 kg/ha. Do not exceed 2.75 kg/ha on coarse sandy soils or on eroded sand knolls.

Where shorter residual control is acceptable because of the practice of cultivating or hilling, rates of 1.5 to 2.25 kg/ha can be used to kill emerged weed seedlings. The addition of 17 L/ha of suitable non-herbicidal emulsifiable crop oil will improve the kill when weeds have been growing under hot, dry conditions or where annual grasses predominate. Spray volume should not exceed 300 L/ha when oil is used. A suitable surfactant may be used at 0.5% (500 mL/100 L) in place of the oil. These additives are not of benefit when weeds have not emerged.

Do not apply Gesagard to potatoes after 10% of the crop has emerged.

Carrots: Prepare a firm, level seedbed free from large air spaces. Apply Gesagard soon after planting and before carrots emerge.

RATES TO USE: Sandy soils 2.25 kg/ha; Loam soils 2.75 kg/ha;
Muck soils 4.25 kg/ha.

Cultivation will not normally be required for at least 6 weeks, and should not be carried out before 4 weeks unless necessary for weed control. Do not apply Gesagard at or near the time of emergence of the carrots.

Celery (Transplanted Crop): Apply 2.25 to 2.75 kg of Gesagard per hectare as an overall spray after the celery transplants are established (usually 7 to 14 days). The treatment may be pre-emergence or early post-emergence to the weeds, but must be applied before weeds are 5 cm high.

Peas, (Fresh, Processing and Dry): Apply 2.25 to 2.75 kg of Gesagard per hectare soon after planting but before emergence of the peas. If the soil is dry and rainfall not expected, light incorporation by harrowing will usually improve results. Use lower rate on sandy soils.

SPRAYING INSTRUCTIONS FOR GESAGARD:

1. Wash out sprayer, boom and nozzles to ensure that no trace of previous chemical remains.
2. Ensure that nozzle tips are clean and of correct size. Use nozzle screens not finer than 50 mesh.
3. Calibrate sprayer.
4. Apply in 200 to 1000 L of water per hectare. Spray at pressure of 200 - 300 kPa.
5. Fill tank with one-half of the required amount of water.
6. Weigh out the required amount of Gesagard (see Directions for Use above) and mix into a thin paste with water. Pour the paste through a filter basket and wash into the spray tank with water. Top up with the required amount of water and mix well by agitating.
7. When applying a non-herbicidal crop oil with Gesagard, always add the oil LAST.
8. Ensure that spray boom is set at the proper height to give good spray coverage.
9. Commence spraying, being careful to maintain correct and uniform spray pressure and tractor speed. It is important to avoid overdosing on headlands and when commencing or stopping spraying.

WARNING:

Fields treated with Gesagard may be replanted only with the crops on this label, if required, provided the soil is thoroughly reworked. A fall cover crop of rye or oats may be sown on the treated land in the same season. Do not plant any other crop on

the treated land in the same season.

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