

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to wildlife and fish. Use with care when applying to areas frequented by wildlife or adjacent to any body of water. Do not apply directly to water. Do not apply when weather conditions favor drift from target areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS:

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE:

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not store near fertilizers or seeds. Store at temperatures above 3°F. If allowed to freeze remix before using.

PESTICIDE DISPOSAL:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

BRONATE CONTROLS THESE WEEDS IN THE SEEDLING STAGE

Use 1 pint per acre to control the following weed species:

..... Black Mustard (*Brassica nigra*)
..... Common Sunflower (Volunteer Sunflower) (*Helianthus annuus*)
..... Cow Cockle (*Saponaria vaccaria*)
..... Field Pennycress (Stinkweed) (Fanweed) (*Thlaspi arvense*)
..... Green Smartweed (*Polygonum scabrum*)
..... Kochia (*Kochia scoparia*)
..... Lambsquarters (*Chenopodium album*)
..... London Rocket (*Sisymbrium irio*)
..... Marshelder (*Iva xanthifolia*)
..... Redroot Pigweed (*Amaranthus retroflexus*)
..... Russian Thistle (*Salsola kali*)
..... Shepherdspurse (*Capsella bursa-pastoris*)
..... Sowthistle (Annual) (*Sonchus oleraceus*)
..... Tumble (Jim Hill) Mustard (*Sisymbrium altissimum*)
..... Wild Buckwheat (*Polygonum convolvulus*)
..... Wild (Yellow) Mustard (*Brassica kaber*)
..... Wild Radish (*Raphanus spp*)
..... Yellow Rocket (*Barbarea vulgaris*)

Use 1½ pints per acre to control the following weed species:

Blue (Purple) Mustard (*Chlorispora tenella*)
Corn Chamomile (Mayweed) (*Anthemis arvensis*)
Corn Gromwell (*Lithospermum arvense*)
Dogfennel (Mayweed) (*Anthemis cotula*)
Fiddleneck (Tarweed) (*Amsinckia intermedia*)
Fumitory (*Fumaria officinalis*)
Groundsel (*Senecio vulgaris*)
Pepperweed (Annual) (*Lepidium spp.*)
Silverleaf Nightshade (*Solanum elaeagnifolium*)
Tansy Mustard (*Descurainia pinnata*)
Tarweed (*Hemizonia spp.*)

Use 2 pints per acre to control the following weed species:

Henbit (Deadnettle) (*Lamium amplexicaule*)
Knawel (*Scleranthus annuus*)

IMPORTANT:

Thorough coverage of the weeds is essential for good control. Apply when the weeds are young (seedling stage) for good control and to prevent weed competition to the crop. It is also important to spray the weeds early before a crop canopy is formed which would protect the weeds from the spray. Avoid spray drift onto neighboring crops and pastures.

Do not apply when plants are stressed from lack of moisture or under hot, humid conditions.

WHEAT, BARLEY, OATS and RYE

Bronate can be applied to wheat, barley, oats and rye either alone or in tank mixture with Avenge[®] or MCPA to broaden the spectrum of weed control.

Apply Bronate alone or in a tank mixture as a water mix spray in sufficient gallonage to assure good coverage of the weeds. For ground application use a minimum of 10 gallons of spray solution per acre. Nozzle pressure should be at least 20 p.s.i. For aerial application use a minimum of 5 gallons of spray solution per acre. When Bronate is tank mixed with Avenge and the spray volume exceeds 10 gallons per acre the addition of surfactant is required. See Avenge label for recommended surfactants and rates.

Application of Bronate alone or in tank mixture with MCPA can be made to all wheat, barley, oats and rye crops. A tank mixture of Bronate plus Avenge can be applied on the following crops:

Barley and fall-seeded wheat varieties:

All varieties grown throughout the United States except the Mexican durum wheat varieties, Crane, Jori, Mexicali, and Modoc.

Spring-seeded wheat (Western States):

All varieties grown in Idaho, Oregon and Washington except Borah.

Spring-seeded wheat (North Central States):

Use only on Era spring-seeded wheat variety grown in Minnesota and North Dakota.

Spring-seeded durum wheat (North Central States):

All varieties grown in Minnesota, Montana, North Dakota and South Dakota; except Lakota and Wascana.

Do not graze treated fields for 30 days following application.

Mixing Instructions for Tank Mixtures:

1. Fill tank one-half to three-quarters full with clean water and start agitation.
2. Add Bronate to the tank first while agitating.
3. Add the other herbicide to the tank then complete filling the tank with water while agitating.
4. Allow mixture to agitate and recycle for at least 5 minutes before spraying.
5. Agitation must be continued until spraying is complete.

PRODUCT(S)	RATE	TIMING OF APPLICATION	
		Crop	Weeds
Bronate	0.5 - 1.0 lb A/A 1/ (1 - 2 pints/A)	Apply to wheat, barley, oats or rye between the 3 to 4 leaf stage and the boot stage.	Apply to weeds less than 6 inches tall and not past the 3 to 4 leaf stage.
Bronate + MCPA	0.5 - 1.0 lb A/A 1/ (1 - 2 pints/A) + 2/ 0.25 lb A/A	Apply to wheat, barley, oats or rye between the 3 to 4 leaf stage and the boot stage.	Apply to weeds less than 6 inches tall and not past the 3 to 4 leaf stage.
Bronate + Avenge	0.5 - 1.0 lb A/A 1/ (1 - 2 pints/A) + 0.625 - 1.0 lb A/A 3/ (2½ - 4 pints/A)	Apply to barley with approximately 2 to 7 leaves; spring wheat with approximately 5 to 6 leaves and winter wheat between 4 leaves and tillered. Application should be made before crop has reached boot stage.	Apply when the wild oats are in the 3 to 4 leaf stage and the broadleaf weeds are not past the 3 to 4 leaf stage.

- 1/ Application rate of Bronate is dependent on the weed species present. See weed list to determine appropriate use rate.
- 2/ Addition of MCPA to Bronate is needed when the weed infestation of MCPA susceptible weeds is heavy or the weeds are in the larger stage of growth listed.
- 3/ Application rate for Avenge is according to the wild oat density:

Wild oat density per square foot	Avenge Rate per Acre
1 - 10	2½ pints
11 - 25	3 pints
more than 25	4 pints

* Avenge is the registered trademark of American Cyanamid Co.

Bronate can be combined with sprayable fluid fertilizers. However, predetermine the compatibility with the fluid fertilizer by mixing small proportional quantities in advance. See special literature which gives directions for testing. Even when found to be compatible, agitation must be maintained during filling and application operations to assure the Bronate is evenly mixed with the fluid fertilizer.

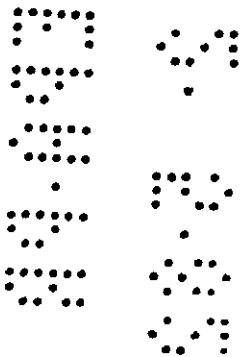
In order to assure maximum safety and weed control follow all cautions and limitations on this label and the labels of products used in tank mixtures with Bronate.

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problems.

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILITY

This product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of Rhone-Poulenc or the seller. Buyer assumes all risks of use, storage, or handling of this material, not in strict accordance with directions given herewith. In no case shall Rhone-Poulenc or the seller be liable for consequential, special, or indirect damages such as loss of profits or values resulting from the use or handling of this product.

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**PRECAUTIONARY
STATEMENTS
HAZARDS TO HUMANS
CAUTION**

Harmful if swallowed. Avoid breathing of dust. Avoid contact with eyes or skin.

ENVIRONMENTAL HAZARDS

Do not apply directly to any body of water, except as specified on this label. Do not apply to water which will be used for crop irrigation, for livestock water or for human consumption. Do not use fish from treated water for food or feed for a period of 90 days after application. Do not use in commercial fish or shellfish water. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

STORAGE — Store in a dry location. Do not store with propagative structures such as seed, bulbs, tubers, nursery stock, etc., or with food or feed products.

PESTICIDE DISPOSAL — Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL — Completely empty by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of container in a sanitary landfill or by incineration if allowed by State and local authorities.

**BARRIER™
10G**

**DICHLORBENIL WEED AND GRASS KILLER
AND AQUATIC HERBICIDE**

UNIROYAL

COMPOSITION

Active ingredient* (% by weight)	
Dichlobenil*	10.0%
Inert Ingredients:	90.0%
TOTAL:	100.0%

*2,6-dichlorobenzonitrile, U.S. Patent 3,027,248

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See Side Panel For Additional Precautions

UNIROYAL CHEMICAL - Division of UNIROYAL, Inc.
NAUGATUCK, CONNECTICUT 06770
EPA Reg. No. 400-178
EPA Est. No.

**USE DIRECTIONS
AQUATIC WEED CONTROL**

BARRIER 10G is recommended for control of submerged aquatic weeds in non-flowing water, such as ponds, reservoirs and lakes. BARRIER 10G applied before weed growth begins will give season long control of several species of weeds including the following: *Elodea*, *Naiads*, *Chara*, *Northern watermilfoil*, *Coontail*, *Pondweeds (Potamogeton spp.)*

Apply BARRIER 10G during early spring either to exposed pond bottoms or through the water. BARRIER is active through the soil rather than through the water, therefore uniform distribution of the granules over the entire area to be treated is essential. It is particularly suited for use as a partial pond treatment around boat docks and swimming areas.

Treatment of Exposed Bottoms and Shorelines: Apply BARRIER 10G at a rate of 70 to 100 pounds per acre. Complete and uniform coverage of the area, whether it be applied to the soil or into the water is necessary for control. Use the lower rate if the soil is wet at the time of application, or if the water is less than 1 foot deep. In the case of treatment after drawdown, the pond should be refilled promptly.

Treatment Through Water: Distribute BARRIER 10G uniformly over the surface of the water using a rate of 100 to 150 pounds per acre of surface area. The lower rate should be used in shallow water less than 2 feet deep, the higher rate in deep water over 5 to 6 feet. Application should be made during periods of calm when wave action is at a minimum. Use of a non-motorized boat is recommended to avoid excessive water turbulence.

BARRIER 10G should be spread using a hand cyclone type spreader. If areas to be treated are small, satisfactory application can be made by hand, throwing granules with a small scoop. BARRIER 10G is designed to sink rapidly in water.