



ME4 Brominal

Bromoxynil Broadleaf Herbicide

CROP USE
Controls annual broadleaf weeds in wheat, barley, oat, rye, field corn, grain sorghum, flax, garlic, onions, and newly seeded and established grasses.

INDUSTRIAL USE
Controls Russian thistle and other annual broadleaf weeds on roadsides, vacant lots, dry drainage beds, air roads and industrial sites.
For Commercial or Agricultural Use Only

ACTIVE INGREDIENTS:
Bromoxynil (3,5-Dibrom-4-hydroxybenzotrifluoride) 1.5%
Bromoxynil (3,5-Dibrom-4-hydroxybenzotrifluoride) 1.5%
INERT INGREDIENTS:
Bromoxynil (3,5-Dibrom-4-hydroxybenzotrifluoride) 1.5%
Bromoxynil (3,5-Dibrom-4-hydroxybenzotrifluoride) 1.5%

EPA Reg. No. 264-340 EPA Est. No. 264-MC-01
U.S. PATENTS NO. 433,457

KEEP OUT OF REACH OF CHILDREN.
WARNING AVISO

PRECAUTIONARY STATEMENTS See inside booklet.
PRECAUCIONAL USARIO See inside booklet.

IN CASE OF EMERGENCY TELEPHONE COLLECT
(24 HOURS A DAY) IN U.S.A. (304) 744-3487

UNION CARBIDE CORPORATION
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APC 100 3123

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The following information is for use only in California
 ME4™ BROMINAL™ Wheat Barley Oats & Rye
 ME4™ BROMINAL™ MCPA 24-D Tank Mixtures
 ME4™ BROMINAL™ Avenge Tank Mixture
 ME4™ BROMINAL™ Hoe Tank Mixture
 ME4™ BROMINAL™ Banvel
 ME4™ BROMINAL™ Barban
 ME4™ BROMINAL™ Grain Sorghum
 ME4™ BROMINAL™ Flax
 Newly Planted Brasses
 Industrial Use
 Weeds Susceptible

ACCEPTED
 JAN 31 1984
 Under the Federal Insecticide
 Fungicide and Rodenticide Act
 as amended, for the pesticide
 registered under
 EPA Reg. No. 24-D-1000

GENERAL INFORMATION CROP USE

ME 4™ BROMINAL® Bromoxynil Broadleaf Herbicide is effective against broadleaf weeds germinating from seed, applied when these weeds are in the seedling stage.

ME 4™ BROMINAL® applied early in the seedling broadleaf weeds that emerge in small grains, corn, barley and rye thus reducing weed competition with these crops during their early growth.

ME 4™ BROMINAL® Broadleaf Herbicide may be applied in the fall, winter or spring of the year depending on the area. Spraying must be done while weeds are in the seedling stage. Application of **ME 4™ BROMINAL®** is not registered for use on small grains underseeded with legumes.

Apply 0.5 to 1 pint of **ME 4™ BROMINAL®** Broadleaf Herbicide per acre after small grains emerge, but before weeds are past the 3 to 4 leaf stage. Weeds that form rootlets should be treated when these weeds are less than 1-1/2 inches across.

Good spray coverage is essential for maximum weed control. Use 10 or more gallons of water per acre with ground sprayers. Wide spaced low pressure flood type nozzles do not give satisfactory coverage. Nozzle pressure should be at least 30 psi. Use 2 or more gallons of water per acre with aerial sprayers according to the direction use tables. The minimum spray volume may not provide sufficient spray coverage when weeds are dense or wheat growth is vigorous. Width of swath must not exceed length of spray boom.

The most important factors for effective weed control are: (1) spraying weeds in the seedling stage; (2) uniform spray coverage.

Do not apply when crops form a canopy over weeds. Do not apply when crops are under moisture stress. Do not apply to wheat, barley, or rye that will be exposed to cold dry, cooling winds in the absence of a protective windbreak. Do not apply to small grains during or after the boot stage. Do not apply if a frost or hard wind has occurred. Apply **ME 4™ BROMINAL®** only to plants that have germinated, and had a few top growth leaves. Do not apply to treated fields within 30 days after treatment.

Occasional leaf burn may occur in heavy treatment under moderate-temperature conditions at medium rates of application with high soil fertility and at least 10 gallons of spray solution per acre. Do not apply to cereal harvest. When there is a high density of weeds, it is easier to control by **ME 4™ BROMINAL®** application in the fall, winter or spring. Cereals are sprayed with the lasting effect.

ME 4™ BROMINAL® Broadleaf Herbicide may be applied in liquid emulsion or combinations of liquid fertilizer and water. Use constant agitation until the spray mixture has been completely applied.

Tank mixes permit mixing and applying a combination of fertilizer with the weed control chemicals. Do not mix **ME 4™ BROMINAL®** with liquid herbicide alone or in combination according to the label directions. Read and understand all directions on the labels of the products you wish to mix with **ME 4™ BROMINAL®**.

Tank mixes may be made with other herbicides. Do not mix with other herbicides that are incompatible. Do not mix with insecticides or fungicides unless the label directions indicate.

Directions and cautions claimed on the label for **ME 4™ BROMINAL®** 0.4 D in MOPFA with use on wheat, barley, oats, and rye are in accordance with the label of the product.

ME 4™ BROMINAL® contains 4.1% active bromoxynil per gallon. It contains 0.375 lb active ingredient. 17.5 gal contains 0.375 lb active ingredient. 17.5 gal contains 0.375 lb active ingredient.

DIRECTIONS FOR USE

DO NOT USE THIS PRODUCT FOR PURPOSES OTHER THAN THOSE RECOMMENDED ON THIS LABEL. It is illegal under Federal law to use this product in a manner inconsistent with its labeling.

ME 4 BROMINAL and Wheat, Barley, Oats, and Rye

Product Area	Rate/Area	Application Timing		Spray Volume
		Crop	Weeds	
Cereal Areas Except WA OR ID				
ME 4™ BROMINAL	0.5 to 1.0 pint/acre	Wheat, Barley, Oats, and Rye After emergence Apply when weeds are in the seedling stage Do not apply when crops are in the canopy stage Do not apply when crops are under moisture stress Do not apply to wheat, barley, or rye that will be exposed to cold dry, cooling winds in the absence of a protective windbreak Do not apply to small grains during or after the boot stage Do not apply if a frost or hard wind has occurred Apply only to plants that have germinated and had a few top growth leaves Do not apply to treated fields within 30 days after treatment	Apply when weeds are in the seedling stage Do not apply when crops are in the canopy stage Do not apply when crops are under moisture stress Do not apply to wheat, barley, or rye that will be exposed to cold dry, cooling winds in the absence of a protective windbreak Do not apply to small grains during or after the boot stage Do not apply if a frost or hard wind has occurred Apply only to plants that have germinated and had a few top growth leaves Do not apply to treated fields within 30 days after treatment	Use 10 or more gallons of water per acre with ground sprayers. Wide spaced low pressure flood type nozzles do not give satisfactory coverage. Nozzle pressure should be at least 30 psi. Use 2 or more gallons of water per acre with aerial sprayers according to the direction use tables. The minimum spray volume may not provide sufficient spray coverage when weeds are dense or wheat growth is vigorous. Width of swath must not exceed length of spray boom.

ME 4 BROMINAL and MCPA or 2,4-D Tank Mixture on Wheat, Barley, Oat, Rye

When using ME 4 BROMINAL in combination with 2,4-D or MCPA, first mix the 2,4-D or MCPA in the water, then add the ME 4 BROMINAL. Use the higher rates and volumes for larger weeds. In areas where growth is slow due to dry or cold weather, do not include Hoxton with this mixture as it will reduce the effectiveness of Hoxton.

Product Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
Cereal Areas except Washington Oregon Idaho	ME 4 BROMINAL 0.75-1.0 pint 2,4-D or MCPA 0.25-0.5 lb active	Wheat, Barley, Oats, and Rye	All weeds including wild buckwheat, wild oat, and wild rye. Apply at wheat and barley stage before tillering.	Use 10-15 gal water per acre. Add ME 4 BROMINAL to the water.
Washington Oregon Idaho	ME 4 BROMINAL 0.75-1.0 pint 2,4-D or MCPA 0.25-0.5 lb active	Wheat, Barley, Oats, and Rye	All weeds including wild buckwheat, wild oat, and wild rye. Apply at wheat and barley stage before tillering.	Use 10-15 gal water per acre. Add ME 4 BROMINAL to the water.

Product Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
Washington Oregon Idaho	ME 4 BROMINAL 0.75-1.0 pint 2,4-D or MCPA 0.25-0.5 lb active	Wheat, Barley, Oats, and Rye	All weeds including wild buckwheat, wild oat, and wild rye. Apply at wheat and barley stage before tillering.	Use 10-15 gal water per acre. Add ME 4 BROMINAL to the water.

2,4-Damine-WEEDAR 64 Herbicide 2,4-D ester-WEEDONE 1-4 Herbicide MCPA ester-WEEDAR MCPA concentrate MCPA Ester-WEEDONE MCPA Ester-Broadway Herbicide

ME 4 BROMINAL and Banvel Tank Mixture on Wheat

When Banvel is tank mixed with ME 4 BROMINAL, water should be added to the spray tank first, followed by ME 4 BROMINAL and Banvel.

Product Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
Through June 30th in all States	ME 4 BROMINAL 0.75-1.0 pint Banvel 1.0-1.5 pint	Wheat, Barley, Oats, and Rye	All weeds including wild buckwheat, wild oat, and wild rye. Apply at wheat and barley stage before tillering.	Use 10-15 gal water per acre. Add ME 4 BROMINAL to the water.
Washington Oregon Idaho	ME 4 BROMINAL 0.75-1.0 pint Banvel 1.0-1.5 pint	Wheat, Barley, Oats, and Rye	All weeds including wild buckwheat, wild oat, and wild rye. Apply at wheat and barley stage before tillering.	Use 10-15 gal water per acre. Add ME 4 BROMINAL to the water.

Product Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
Washington Oregon Idaho	ME 4 BROMINAL 0.75-1.0 pint Banvel 1.0-1.5 pint	Wheat, Barley, Oats, and Rye	All weeds including wild buckwheat, wild oat, and wild rye. Apply at wheat and barley stage before tillering.	Use 10-15 gal water per acre. Add ME 4 BROMINAL to the water.

2,4-Damine-WEEDAR 64 Herbicide 2,4-D ester-WEEDONE 1-4 Herbicide MCPA ester-WEEDAR MCPA concentrate MCPA Ester-WEEDONE MCPA Ester-Broadway Herbicide

ME 4 BROMINAL and Karmex Tank Mixture on Wheat and Barley

When Karmex is tank mixed with ME 4 BROMINAL for control of grass weeds and other weed control, observe cautions on the Karmex label, and especially those regarding winter stress. Varieties, soil texture, organic matter, planting depth, plant vigor and planting time. Use where average annual rainfall exceeds 16 inches on winter wheat and winter barley.

Product/Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
Washington Oregon/Idaho	0.5 pint	Winter wheat and winter bar- ley	Head 1, proso- mill, odeneck Other weeds	Use a minimum of 25 gal. water ground or 500 gal. with 300 p. of 100 through cover age
ME 4 BROMINAL	0.5 pint	Apply a single application in the fall after winter rains attempted outside frost-freezes in the spring 35-50, 35-50 35-50	Apply before weeds are 2 inches tall or across	

Karmex is a registered trademark of E. I. du Pont de Nemours and Company.

ME 4 BROMINAL—Avenge Tank Mixture for Broadleaf Weeds and Wild Oats in Wheat and Barley

When using a tank mix of ME 4 BROMINAL, 6 pac ev. herbicide and Avenge, mix thoroughly with the agitation of the water. Add Avenge and the remainder of the applied water. Agitate and hold for at least five minutes before spraying and continue agitation until spray is completed. Do not apply Avenge tank mix under stress conditions. Plants are wet with rain or dew or rain is predicted within 6 hours.

Product/Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
Throughout the United States	0.5 pint	Winter wheat and winter bar- ley	Wild oats, proso- mill, odeneck Other broadleaf weeds	Use a minimum of 25 gal. water ground or 500 gal. with 300 p. of 100 through cover age
ME 4 BROMINAL	0.5 pint	Apply a single application in the fall after winter rains attempted outside frost-freezes in the spring 35-50, 35-50 35-50	Apply before weeds are 2 inches tall or across	
Avenge	0.5 pint	Apply a single application in the fall after winter rains attempted outside frost-freezes in the spring 35-50, 35-50 35-50	Apply before weeds are 2 inches tall or across	

Do not use this tank mixture on Mexican alfalfa, wheat in Mexico, Canada, and the United States. Do not use on wheat varieties such as Wascana, and Wascana, and wheat varieties including Bismark, and Wascana, and Wascana. When treating with Avenge, do not use on wheat varieties in the state of Oregon and Idaho. Do not use on wheat in the state of Oregon and Idaho.

ME 4 BROMINAL and Carbyne (barban) Tank Mixture For Broadleaf and Wild Oats Control in Wheat and Barley

When applying a tank mix of ME 4 BROMINAL and Carbyne, use the directions for spray nozzle arrangements, spray pressure, and the vigorous agitation in the spray tank with spray nozzles and nozzles treatments have been most effective.

Do not spray this tank mixture when plants are wet with dew or rain. Do not let spray drift into adjacent fields planted with alfalfa or clover or wheat.

Do not allow livestock to graze on fields sprayed with the Carbyne tank mixture mixed with ME 4 BROMINAL until after harvest of the crop.

Product/Area	Rate/Acre	Application Timing		Spray volume
		Crop	Weeds	
Throughout the United States				
Sequential Carbyne treatment				
ME 4 BROMINAL	0.5-1.0	Wheat, Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
Carbyne	0.5-1.0	Wheat, Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
Application	0.5-1.0	Wheat and Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
Carbyne	0.5-1.0	Wheat and Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
ME 4 BROMINAL	0.5-1.0	Wheat and Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
Carbyne	0.5-1.0	Wheat and Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre

Product Area	Rate/Acre	Application Timing		Spray
		Crop	Weeds	
ME 4 BROMINAL	0.5-1.0	Wheat, Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
Carbyne	0.5-1.0	Wheat, Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
Application	0.5-1.0	Wheat and Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
Carbyne	0.5-1.0	Wheat and Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
ME 4 BROMINAL	0.5-1.0	Wheat and Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre
Carbyne	0.5-1.0	Wheat and Barley	Wild Oats, Broadleaf Weeds	10-15 gpm/acre

Carbyne is a registered trademark of Versicol Chemical Corporation.

ME 4 BROMINAL and Hoelon Tank Mixture for Broadleaves and Wild Oats and Foxtail (pigeon grass) in Wheat and Barley

When using the ME 4 BROMINAL and Hoelon tank mixture, avoid 40-50 F and/or prolonged wet weather conditions increase the sensitivity of broadleaves and Hoelon should not be used under these conditions. In wet weather conditions use the low rate of Hoelon when weather conditions are improving. Do not use ME 4 BROMINAL, Bromoxynil, and Carbyne in a tank mix with Hoelon in the same field.

Product Area	Rate/Acre	Application Timing		Spray
		Crop	Weeds	
ME 4 BROMINAL	0.5-1.0	Wheat, Barley	Broadleaves, Wild Oats, Foxtail	10-15 gpm/acre
Hoelon	0.5-1.0	Wheat, Barley	Broadleaves, Wild Oats, Foxtail	10-15 gpm/acre
Application	0.5-1.0	Wheat and Barley	Broadleaves, Wild Oats, Foxtail	10-15 gpm/acre
Hoelon	0.5-1.0	Wheat and Barley	Broadleaves, Wild Oats, Foxtail	10-15 gpm/acre
ME 4 BROMINAL	0.5-1.0	Wheat and Barley	Broadleaves, Wild Oats, Foxtail	10-15 gpm/acre
Hoelon	0.5-1.0	Wheat and Barley	Broadleaves, Wild Oats, Foxtail	10-15 gpm/acre

ME 4 BROMINAL is a registered trademark of Versicol Chemical Corporation. Hoelon is a registered trademark of Hoechst Celanese Corporation.

ME 4 BROMINAL and Glean for Broadleaves in Winter Wheat

The tank mixture of ME 4 BROMINAL Bromoxynil Broadleaf Herbicide and Glean provides winter wheat producers with an effective combination of contact and soil active herbicides. This tank mixture improves control of herbicifans, mustard, groundwell and miners, etc.

Apply the tank mixture ME 4 BROMINAL and Glean to actively growing weeds as weeds hardened off by low fertility or drought stress. Cold weather may not be controlled.

Good spray coverage is essential for maximum weed control. Use 10 or more gallons of water per acre with ground sprayers or 4-10 gallons of water per acre for air application. Wide spaced, low pressure flood type nozzles do not give satisfactory coverage. Nozzle pressure should be at least 30 psi.

When preparing this tank mix of ME 4 BROMINAL bromoxynil and Glean in the spray tank with 2/3 of the required water and mix the proper amount of Glean in the water with the agitator running. With the Glean in suspension and the agitator running add the ME 4 BROMINAL and the remainder of the required water. Agitation is required for uniform mixing and application.

Product Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
States:				
Washington				
Oregon				
Idaho				
Montana				
ME 4 BROMINAL	5.0	Winter wheat	100% of the weeds	10-15 gal/acre
Glean 75	1.0	Winter wheat	100% of the weeds	10-15 gal/acre
Other				
Notes:				

ME 4 BROMINAL and Metribuzin (Lexone and Sensor) for Broadleaves in Winter Wheat

A tank mixture of ME 4 BROMINAL and Metribuzin will control winter wheat broadleaves and weeds. ME 4 BROMINAL and Metribuzin are effective against weeds such as mustard, groundwell, etc.

Do not use Metribuzin in winter wheat that is stressed from winter injury. The higher rates of ME 4 BROMINAL in combination with the higher rates of Metribuzin should be used only in an emergency weed situation and if some winter broadleaves are acceptable. When using the higher rates the wheat should be well established and have a well established secondary root system.

To prepare the spray mixture fill the tank 2/3 to 3/4 full of water with agitation running. Add the proper amount of Metribuzin as determined in the table above. Add the required amount of ME 4 BROMINAL and the remaining water.

A recognized authority in your area should be consulted concerning rates and timing for your conditions.

Do not use Metribuzin on irrigated wheat or crop injury may result. Do not exceed the rates in this table. Avoid applications when soil moisture from winter rains is present in season of drought.

Product Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
States:				
Washington				
Oregon				
Idaho				
Montana				
ME 4 BROMINAL	5.0	Winter wheat	100% of the weeds	10-15 gal/acre
Metribuzin	0.5	Winter wheat	100% of the weeds	10-15 gal/acre
Other				
Notes:				

DETERMINE RATE OF FORMULATED PRODUCT PER ACRE

Metribuzin Active Ingredient	Sensor 50 WP	Sensor 4	Sensor 5
	Lexone 50 WP	Lexone 4	Lexone 5

ME 4 BROMINAL—Broadleaf Weed Control in Field Corn

ME 4 BROMINAL controls seedling broadleaf weeds such as smartweed, sunflower, lambsquarters, wild radish, and other weeds, most of which are resistant to 2,4-D.

ME 4 BROMINAL requires good spray coverage to provide effective weed control. Coarse sprays such as those from low pressure hood type nozzles may not provide effective coverage and should be avoided.

Warm temperatures increase the speed of action of ME 4 BROMINAL and increase the chance of some corn to be burned on the uppermost leaves at the time of treatment. Spray when corn leaves are as thin as paper, or when moisture or dew increase the chance of leaf burn. New growth will be normal and no adverse effect has been observed in yields of weeds hardened by severe drought stress. Poor weed control may be encountered.

Pigweed is somewhat resistant to ME 4 BROMINAL and should be no larger than the 4 leaf stage of growth for effective control. Pigweed is the primary weed. Use the high rate of ME 4 BROMINAL or a tank mix with 2,4-D or 2,4-D being careful to observe all precautions necessary with 2,4-D.

Tank mixtures with 1 lb. A active atrazine have given broad spectrum post-emergence weed control with good activity. This tank mixture has been effective in controlling atrazine resistant lambsquarters, wild radish, groundsel, and common ragweed. The action of reducing the atrazine rate to 1 lb. per acre active ingredient (25 lbs. of 80W) reduces the risk of carryover. As ME 4 BROMINAL enhances the post-emergence action of atrazine the additional atrazine is not necessary in the tank mixture.

Do not cut for feed or graze within 30 days after treatment. Do not allow animals to graze until the following use season.

Product Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
ME 4 BROMINAL	0.25	4-leaf stage	Smartweed, Sunflower, Lambsquarters, Wild Radish, etc.	10-15 gpm/acre
Tank mixtures	1.5-2.0	4-leaf stage	Lambsquarters, Wild Radish, etc.	10-15 gpm/acre
United States				

ME 4 BROMINAL—Broadleaf Weed Control in Sorghum

ME 4 BROMINAL controls seedling broadleaf weeds such as smartweed, sunflower, lambsquarters, wild radish, and other weeds, most of which are resistant to 2,4-D.

ME 4 BROMINAL requires good spray coverage to provide effective weed control. Coarse sprays may not provide effective coverage and should be avoided. ME 4 BROMINAL spray includes both 2,4-D and 2,4-DEP, which may be active against both.

Warm temperatures increase the speed of ME 4 BROMINAL action and may also increase the chance of some leaf burn on the uppermost leaves at the time of treatment. Do not spray when sorghum foliage is wet from dew, rain or irrigation. New growth will be normal.

Pigweed is somewhat resistant to ME 4 BROMINAL and should be no larger than the 4 leaf stage of growth for effective control. Use of BROMINAL per acre for pigweed is the primary weed. Use a tank mix being careful to understand and observe all precautions with 2,4-D.

Do not cut for feed or graze within 30 days after treatment. Do not allow animals to graze until the following use season.

Product Area	Rate/Acre	Application Timing		Spray Volume
		Crop	Weeds	
ME 4 BROMINAL	0.25	4-leaf stage	Smartweed, Sunflower, Lambsquarters, Wild Radish, etc.	10-15 gpm/acre
Tank mixtures	1.5-2.0	4-leaf stage	Lambsquarters, Wild Radish, etc.	10-15 gpm/acre
United States				

ME 4 BROMINAL—Broadleaf Weed Control in Flax

ME 4 BROMINAL can be used in flax if applied when the temperature is between 40 and 80 degrees Fahrenheit. Temperatures at the time of treatment, or the temperature at the time of treatment must be below 95 F to avoid injury to flax plants.

Product Area	Rate, Acre	Application Timing		Spray Volume
		Crop	Weeds	
Throughout the United States				
ME 4 BROMINAL	1.05 to 2.10	Flax	Weeds 1 to 4 inches tall	4 to 10 gallons per acre with 100 to 200 psi nozzle

GARLIC - DIRECTIONS FOR USE

For broadleaf weed control in garlic apply 1 to 2 pints of ME 4 BROMINAL per broadcast acre when the weeds are 1 to 4 inches tall. Use the lower rate on small weeds and the higher rate on 4 inch weeds. The garlic is generally 1 to 2 true leaves and treatment should be completed before the garlic is 12 inches tall.

For ground application use 40 to 100 gallons of spray solution per broadcast acre. Good coverage of weeds is essential for good control and the higher volumes are preferred for complete coverage. For aerial application use 5 gallons of spray solution per acre.

Do not apply within 10 days of anticipated harvest.

ONIONS - DIRECTIONS FOR USE

Apply .05 to .075 pints (.05 to .075 lb active ingredient) of ME 4 BROMINAL per acre in a broadcast application. Water is essential for good weed control. Do not treat onion plants until they are 10 to 12 inches tall and removed or reduced the risk of damage to the plant. Do not apply to plants damaged by frost or other adverse conditions. Do not apply to plants in poor growing conditions. Do not apply to plants that are stressed by drought, high light intensity, low humidity, and high temperatures tend to increase the risk of injury to the plant. High humidity reduce injury to plants. It is essential for greatest safety that the soil and air temperature be 40 to 80 degrees Fahrenheit and dew point be 40 to 60 degrees Fahrenheit.

Application should be made 24 hours before or after irrigation.

Do not apply ME 4 BROMINAL to onion plants that are stressed by drought, high light intensity, low humidity, and high temperatures tend to increase the risk of injury to the plant.

Do not use ME 4 BROMINAL in onion plants with underground stems such as Brodiaea, West Nile, Castanet.

APPLICATION OF ME 4 BROMINAL THROUGH IRRIGATION SYSTEMS - BROMIGATION POSTEMERGENCE WEED CONTROL SERVICE

General information: ME 4 BROMINAL (Amoxyn) Broadleaf Herbicide may be applied through automated center point or continuous center pivot or hand move and wheel line irrigation equipment for broadleaf weed control. Properly applied ME 4 BROMINAL will control foxtail, wild buckwheat, sunflower, tanweed, knotweed, Russian thistle and other susceptible broadleaf weeds as listed on the ME 4 BROMINAL label. For the efficient use of ME 4 BROMINAL apply when weeds are small, before they have exerted weed reducing competition on the crop.

Directions for use: Remove scale, pesticide residues and other matter from the chemical tank and entire director system. Flush with water. Add ME 4 BROMINAL Broadleaf Herbicide or ME 4 BROMINAL Broadleaf Herbicide per acre as suggested under the 200 heading.

For best results use the center pivot or wheel line irrigation system. Use of water is essential. Start sprinkler and then uniformly apply ME 4 BROMINAL Broadleaf Herbicide per acre as suggested under the 200 heading. Weeds should be under 4 inch growth stage. Do not apply to plants with 3 to 4 true leaves. Do not apply to plants with 3 to 4 true leaves. Do not apply to plants with 3 to 4 true leaves. Do not apply to plants with 3 to 4 true leaves. Do not apply to plants with 3 to 4 true leaves.

Use Precautions: Application should be made 24 hours before or after irrigation. Water may be used to increase product performance in certain areas. Do not apply ME 4 BROMINAL to onion plants with underground stems such as Brodiaea, West Nile, Castanet.

Do not apply when onion plants are stressed by drought, high light intensity, low humidity, and high temperatures tend to increase the risk of injury to the plant. High humidity reduce injury to plants. It is essential for greatest safety that the soil and air temperature be 40 to 80 degrees Fahrenheit and dew point be 40 to 60 degrees Fahrenheit.

Less Susceptible Weeds Use 1.0 pint ME 4 BROMINAL 05 (active ingredient per acre)

<ul style="list-style-type: none"> BL. Mustard Doc. Summer. Mayweed Groundsel Grass Seed Henbit Miners. Lettuce Pepperweed Pigweed Prickly. Ch. Mustard Tansy. Mustard 	<ul style="list-style-type: none"> Ragwort Common. Ragwort Common. Ragwort Common. Ragwort Common. Ragwort Common. Ragwort Common. Ragwort Common. Ragwort Common. Ragwort Common. Ragwort
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INDUSTRIAL USE

Russ. an. Thistle and other Broadleaf Weeds on roadsides, vacant lots, drainage beds, railroads and industrial sites.

Directions for Industrial Use

ME 4 BROMINAL Broadleaf herbicide effectively controls Russ. an. Thistle and certain other summer annual broadleaf weeds such as silver ch. Mustard, Mare's Tail, Curly Top, Prostrate Spurge, and Bask. ME 4 BROMINAL should be applied in early summer when Russ. an. Thistle is young and growing vigorously.

For broadcast treatment of many weeds, apply 1 quart of ME 4 BROMINAL Broadleaf herbicide with 1 quart of surfactant such as Spray Adjuvant in 100 gallons of water to each acre sprayed. This does not apply to the control of weeds on roadsides, drainage beds, and other areas where the herbicide is used in conjunction with other herbicides.

The following are the names of the weeds which are controlled by ME 4 BROMINAL: Russ. an. Thistle, M. Mustard, Bask., and other broadleaf weeds. ME 4 BROMINAL is a contact herbicide which kills weeds by direct contact with the leaves. It is not a systemic herbicide. It is not effective on roots or stems which are underground. It is not effective on weeds which have already died or are dormant. It is not effective on weeds which are resistant to herbicides. It is not effective on weeds which are tolerant to herbicides. It is not effective on weeds which are tolerant to herbicides.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

WARNING

IRRITANT TO SKIN AND EYES. Avoid contact with skin and eyes. Wash hands thoroughly after use.

STATEMENT OF PRACTICAL TREATMENT

Use of this product in accordance with the label directions will result in the control of the weeds listed on the label.

Do not apply this product in a manner which drifts to other crops. Do not apply this product to other crops. Do not apply this product to other crops. Do not apply this product to other crops.

GENERAL WORKER PROTECTION STATEMENTS

Do not apply this product in a manner which drifts to other crops. Do not apply this product to other crops. Do not apply this product to other crops. Do not apply this product to other crops.

Do not enter treated areas until the protective covering has dried. Do not enter treated areas until the protective covering has dried. Do not enter treated areas until the protective covering has dried. Do not enter treated areas until the protective covering has dried.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply to water. Do not apply to water. Do not apply to water. Do not apply to water.

Do not spray near water. Do not spray near water. Do not spray near water. Do not spray near water.

STORAGE AND DISPOSAL

Do not store in areas where children and pets frequent. Do not store in areas where children and pets frequent. Do not store in areas where children and pets frequent. Do not store in areas where children and pets frequent.

PESTICIDE DISPOSAL

Do not discharge into water. Do not discharge into water. Do not discharge into water. Do not discharge into water.

CONTAINER DISPOSAL

Do not reuse containers. Do not reuse containers. Do not reuse containers. Do not reuse containers.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label that this product is used for the purposes set forth in the directions for use when it is used in accordance with such directions and that the directions, warranty and other statements on this label are based upon reasonable expectations of the reasonable tests of effectiveness, toxicity to humans, animals and birds, and residues on food crops and commodities. This experience testing has not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This warranty does not extend to and the Buyer shall be solely responsible for any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY OR TO REPLACEMENT OF OR THE REPAIRMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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