

**READ FOLLOWING CAREFULLY BEFORE APPLICATION**

**USE THIS PRODUCT ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED DOSAGE**

**DIRECTIONS FOR USE**

For use on bluegrass, fescue, Bermudagrass and bentgrass in fairways. Do not use this product on golf greens or tees. Weeds affected are as follows:

SUSCEPTIBLE	MODERATELY SUSCEPTIBLE
Dandelions (Taraxacum spp.)	Knotweed (Polygonum spp.)
Clover (Trifolium spp.)	Ragwort (Ajacisago spp.)
Crimson Chickweed (Stellaria media)	English Nuts (Bellis perennis)
Mouse ear Chickweed (Cerastium vulgatum)	Dock (Rumex spp.)
Plantain (Plantago spp.)	Purslane (Portulaca oleraceae)
Pigweed (Amaranthus spp.)	Wood sorrel (Oxalis spp.)
Ragweed (Ambrosia spp.)	Mallow (Malva spp.)
Lambquarters (Chenopodium album)	

**APPLICATION RATE:** For established turf, use 1 1/2 fluid oz. in 1 to 2 gals. of water per 1000 sq. ft. or 4 pints in 30 to 40 gals. per acre.

**MIXING:** Use clean spray equipment. Determine amount of water and MCPP, 2,4-D to be placed in tank. Partially fill tank with clean water, add herbicide, mix thoroughly, and add balance of water.

**WHEN TO APPLY:** Apply anytime weeds are young and actively growing. It is important that application be made when there is plenty of soil moisture, following a good rain or thorough watering. Do not water for at least 24 hours after application. If rain occurs within this period, effectiveness may be reduced, but wait at least a week to determine whether another application is necessary.

**HOW TO APPLY:** Use equipment which applies product uniformly. A boom type sprayer is recommended.

**MOWING:** Since action is through leaves, to provide adequate leaf area for best absorption of chemical, avoid cutting or mowing for 2 to 3 days before or after spraying.

**RESPONSE:** Full effects of application may not be visible for 2 to 3 weeks.

USDA REG. NO. 1001-47

**CLEARY'S  
MCPP-2,4-D  
(AMINE SALT)**

**Broadleaf Weed Killer**

[Contains 2 lbs. 2-(Methyl-4-chlorophenoxy)propionic acid (MCPP) and 1 lb. 2,4-Dichlorophenoxyacetic acid (2,4-D) per gal.]

ACTIVE INGREDIENTS	By Weight
2-(Methyl-4-chlorophenoxy)propionic acid*	31.00%
2,4-Dichlorophenoxyacetic acid**	15.35%
INERT INGREDIENTS	53.65%
<b>TOTAL</b>	<b>100.00%</b>
2-(Methyl-4-chlorophenoxy)propionic acid (MCPP) equivalent	20.90%
2,4-Dichlorophenoxyacetic acid (2,4-D) equivalent	10.45%

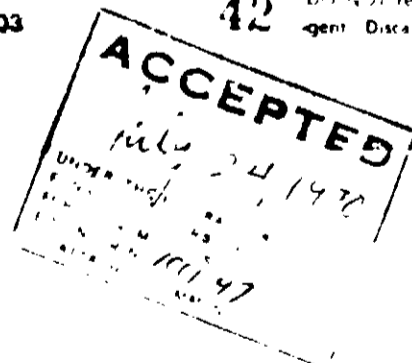
A Stable, Nonflammable, Noncorrosive Aqueous Solution  
FOR USE ON HOME LAWNS

**CAUTION Keep Out of Reach of Children**

See other cautions on side panel

**Net Contents** ..... Gal.

**W. A. CLEARY CORPORATION  
NEW BRUNSWICK, N. J. 08903**



Harmful if swallowed.  
Avoid contact with skin, eyes or clothing.  
After use, wash hands and clothing with soap and water.  
Do not apply when wind is blowing to any other plants such as flowers or shrubs.  
Do not use on new grass seed until first mowing.  
Do not use grass clippings from treated areas for flowers or shrubs.  
Do not apply during period of active growth.  
Do not apply when temperature is below 50° F or above 90° F.  
Do not contaminate irrigation water or drinking water with this product.  
Do not use same spray equipment for other chemical cleaners.  
Store in tightly closed container. Protect from freezing.  
Do not reuse empty container. Recycle or discard in a safe place.

USDA REG. NO. 1001-47

# CLEARY'S MCPP-2,4-D (AMINE SALT)

## Broadleaf Weed Killer

[Contains 2 lbs. 2-(Methyl-4-chlorophenoxy)propionic acid (MCPP) and 1 lb. 2,4-Dichlorophenoxyacetic acid (2,4-D) per gal.]

ACTIVE INGREDIENTS		By Weight
Diethanolamine salt of 2-(2-Methyl-4-chlorophenoxy)propionic acid*		31.00%
Diethanolamine salt of 2,4-Dichlorophenoxyacetic acid*		15.35%
<b>INERT INGREDIENTS</b>		<b>53.65%</b>
<b>TOTAL</b>		<b>100.00%</b>
*2-(2-Methyl-4-chlorophenoxy)propionic acid (MCPP) equivalent		20.90%
*2,4-Dichlorophenoxyacetic acid (2,4-D) equivalent		10.45%

A. Stable, Non-flammable, Non-corrosive Aqueous Solution

P. 11 FOR USE ON HOME LAWNS

### CAUTION Keep Out of Reach of Children

See other cautions on side panel

Net Contents .....Gal.

W. A. CLEARY CORPORATION  
NEW BRUNSWICK, N. J. 08903

## CAUTION

Harmful if swallowed

Avoid contact with skin, eyes or clothing.

After use, wash hands and other parts of body contaminated with concentrate, spray or washings.

DO NOT apply when wind is blowing, and DO NOT allow spray to drift to any other plants such as flowers, shrubs, or vegetables as MCPP, 2,4-D is a plant killer. Coarse sprays are less likely to drift.

DO NOT use on new grass seedlings until they have developed to stage of first mowing

DO NOT use grass clippings from first mowing after treatment as a mulch for flowers or shrubs

DO NOT apply during period of drought without first watering thoroughly.

DO NOT apply when temperatures are extremely high. Grass may become discolored or injured if this product is applied in very hot weather (over 90 F.).

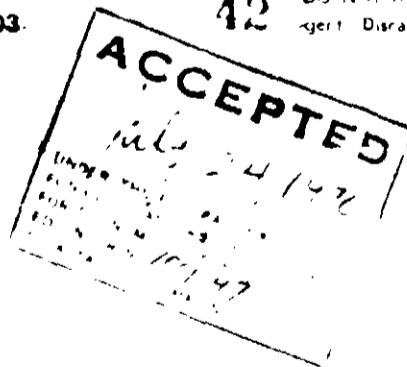
DO NOT contaminate irrigation ditches, lakes, ponds or streams with concentrated solution, spray or spray washings.

DO NOT use same spray equipment for other purposes unless cleaned with suitable chemical cleaner.

STORE in tightly closed containers, away from fertilizers, insecticides, fungicides, seeds, plants and water supplies.

PROTECT from freezing

DO NOT reuse empty container. Wash thoroughly with water and detergent. Discard in a safe place.



NET CONTENTS 1



# WEED-FREE NC

(MSMA, 2,4-D & SURFACTANT)

POST-EMERGENCE WEED CONTROL IN NON-CROP AREAS.

## DIRECTIONS FOR USE

READ THIS LABEL BEFORE USING PRODUCT

### GENERAL WEED AND GRASS CONTROL FOR NON-CROP AREAS

Use WEED-FREE NC for post emergence control of weeds such as watergrass, goosegrass, cocklebur, Johnsongrass, chickweed, Larr ragweed, coffeebean, elderberry, goldenrod, honeysuckle, morning glory, pigweed, wild garlic, wild onion and poison ivy. Add 1 gallon of WEED-FREE NC to 40 gallons of water. The unwanted vegetation should be thoroughly covered with spray to the point of run-off. Apply when weeds are actively growing. Any spray equipment which will give good spray coverage may be used, with power sprays being particularly effective for such areas as rights-of-way, drainage ditch banks, fence rows, implement storage yards and similar non-crop areas.

### INGREDIENT STATEMENT

Active Ingredient:	
Mesosulfuron Methyl (2,4-D Amine)	19.5%
Disodium Salt of 2,4-D Amine	6.0%
Inert Ingredients	74.5%
Total	100.0%
Total Arsenic (all water soluble forms, expressed as elemental)	9.21%

CONTAINS 2.0 LBS. NQMA AND 0.63 LBS 2,4-D AMINE PER GALLON.

Application equipment NC must be thoroughly a strong detergent and monia. This MUST be tities of WEED-FREE sirable vegetation. Do seeds, insecticides, a greenhouse. Do not reuse empty placé.

### WARNING

**KEEP OUT OF THE REACH OF CHILDREN!**  
Harmful if swallowed. Avoid contact with eyes. Avoid storage near food and feed products. KEEP AWAY FROM CHILDREN AND DOMESTIC ANIMALS.

ANTIDOTE: If taken internally, induce vomiting and CALL A PHYSICIAN AT ONCE.

Do not contaminate water used by wildlife and aquatic life or for domestic and irrigation purposes.

DO NOT REMOVE ANY PART OF TREATED VEGETATION TO BE USED OR DO NOT GRAZE TREATED AREAS.

Do not apply so that spray mist may drift onto desirable or beneficial plants such as flowers, ornamentals, fruits, vegetables, grapes, cotton, alfalfa, soybeans, clover or other desirable crops. Excessive quantities may cause severe injury, especially during growing and dormant periods.

NO

Neither the Manufacturer nor warranty, express or implied, of the Manufacturer's liability in any manner for any injury or loss resulting from the use of this product. The Buyer accepts a

U.S. Pat. No. 2,812,112

MANUFACTURED BY CHAPMAN CHEMICAL COMPANY MEMPHIS, TENN.

NET CONTENTS 1 Gal.

11-2-45



# WEED-FREE NC

(MSMA, 2,4-D & SURFACTANT)

POST-EMERGENCE WEED CONTROL IN NON-CROP AREAS.

## FOR USE

READ THIS LABEL BEFORE USING PRODUCT

### GRASS CONTROL AREAS

For post emergence control of watergrass, goosegrass, chickweed, hen, elderberry, gold-rod, morning glory, pig-weed, onion and poison ivy. WEED-FREE NC to 40 gallons per acre. Vegetation should be sprayed to the point of wilting. Weeds are actively growing which will give good results. Use with power sprayers or hand sprayers for such areas as ditch banks, fence rows, and similar non-crop areas.

### INGREDIENT STATEMENT

Active Ingredient:	
Methylol Sulfoxide Methylolurea.....	19.5%
Diethylamine Salt of 2,4-Dichlorophenoxyacetic Acid.....	6.0%
Inert Ingredients.....	74.5%
Total.....	100.0%
Total Arsenic, all in water soluble form, expressed as elemental.....	9.21%

CONTAINS 2.0 LBS. MSMA AND 0.63 LBS 2,4-D AMINE PER GALLON.

Application equipment used to apply WEED-FREE NC must be thoroughly cleaned after each use with a strong detergent and rinsed with 1 percent ammonia. This MUST be done because minute quantities of WEED-FREE NC may cause injury to desirable vegetation. Do not store near fertilizers, seeds, insecticides, or fungicides. Do not use in a greenhouse. Do not reuse empty containers. Destroy in a safe place.

### WARNINGS

**KEEP OUT OF THE REACH OF CHILDREN!**  
Hazardous if swallowed. Avoid contact with skin. Avoid storage near feed and food products. KEEP AWAY FROM CHILDREN AND DOMESTIC ANIMALS.

ANTIDOTE: If taken internally, induce vomiting and CALL A PHYSICIAN AT ONCE.

Do not contaminate water used by wild or domestic aquatic life or for domestic drinking purposes.

DO NOT FEED ANY PART OF TREATED VEGETATION TO LIVESTOCK OR DOMESTIC ANIMALS.

Do not apply so that spray mist may drift onto desirable or beneficial plants such as flowers, ornamentals, fruits, vegetables, grapes, cotton, alfalfa, soybeans, clover or other desirable plants since minute quantities may cause severe injury or kill during growing and dormant periods.

### NON-WARRANTY

Neither the manufacturer nor the distributor makes any warranty, expressed or implied, as to the quality, quantity or performance of the product. The manufacturer's liability is limited to the amount of the purchase price of the product. The manufacturer is not liable in any manner for any special, consequential, or punitive damages or loss resulting from the use of the product. The distributor is not liable for any loss resulting from the use of the product.

#### MIXING DIRECTIONS

To Prepare A Spray -- Add half the required amount of water or oil to the spray tank, then add the BUTYL-6E, with agitation, and finally the balance of the water or oil with continued agitation.

ATTENTION: If BUTYL-6E is to be used in straight oil mixture, do not let water get into the BUTYL-6E at all nor into the finished mixture. NOTE: BUTYL-6E in water forms an emulsion -- not a solution -- which tends to separate on standing. Provide agitation to prevent such separation and ensure uniformity of spray mixture.

#### DIRECTIONS FOR USE

WEED CONTROL IN SMALL GRAINS NOT UNDERSEEDED WITH A LEGUME: Do not permit dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 2 weeks after treatment.

WEED CONTROL IN SMALL GRAINS: BUTYL-6E may be applied with airplanes or ground equipment to selectively control broad-leaved weeds in wheat, rye, barley and oats. Use 1/3 to 1-1/3 pint per acre in oil or water. When using BUTYL-6E with oil, for adequate safety to the crop, use as little volume as possible consistent with adequate coverage. One to two gallons of oil-mixed spray per acre is usually adequate. Do not use as carrier aromatic or other oils that are highly toxic to plants. If water is used as carrier, 25-50 gallons per acre of spray mixture may be used. In airplane application, swath widths and other factors should be such as to provide uniform distribution of the spray. The higher rates may be injurious to grain under certain conditions.

The lower rate is suggested only for susceptible weeds. The higher rates are for use in controlling the less susceptible weeds such as tarweed, thistles and dock, as well as all weeds growing under adverse conditions. A dosage of 1/2-pint per acre is average and can be used widely for average weed infestations where weeds are growing well in moist soil. Spray when grain is in full tiller stage (4 to 8 inches tall). Injury may result if application is made before tillering or after the grain has reached boot stage. Oats are sometimes quite sensitive to 2,4-D during the period of growth from 6 to 12 inches. If possible, treat oats either before or after this stage and do not normally use more than 1/2 to 2/4 pints per acre. Follow recommendations of local Agricultural Experiment Station or Extension Service Weed Control specialists. Late or pre-plant treatment to control large weeds. Control may be effective under certain conditions such as adequate moisture and succulent weeds. Make application of 2.4 to 1-1/2 pints of BUTYL-6E per acre when the grain is in the "milk" to "hard dough" stage. Do not apply in seeding or boot to milk stage.

Note: Do not graze or feed forage from treated fields within 2 weeks after treatment. Do not feed treated straw to live stock.

WEED CONTROL IN CORN: Pre-emergence -- Use 1-1/3 to 2-2/3 pints per acre and apply 1 to 3 days before normal emergence. Do not use on light sandy soil. Post-emergence -- Use 1/3 pint per acre. Apply as soon as possible after most weeds have emerged. After corn is 8 inches tall, use drop nozzles to keep spray off corn foliage. Do not apply from tillering to dough stage. Avoid cultivation soon after treatment when corn may be brittle.

WEED CONTROL IN BRAIN SORGHUMS: Post-emergence -- Use 1/3 to 1/2 pint per acre in the amount of water necessary for even distribution. Treat when 6 to 12 inches tall and secondary roots are well established. Use drop nozzles where crop is over 10 inches high to reduce drift.

WEED CONTROL IN GRASS PASTURES AND RANGELAND: To control 2,4-D susceptible annual and perennial weeds use 1-1/3 to 2-2/3 pints of BUTYL-6E per acre in enough water to give good coverage (25 to 50 gallons of carrier per acre are usually required with ground equipment and 1 to 4 gallons when applied with aerial equipment). Apply at any time during the growing season, preferably in spring or fall when weeds are growing vigorously. Do not apply when grass is in early boot to milk stage where grass seed production is desired. Do not apply to newly seeded areas or after heading begins. Note: Do not graze treated areas by dairy animals within 7 days after application.

WOODY BRANT CONTROL: Use BUTYL-6E to control the woody plant species such as those named previously growing in rights-of-way, fence rows, around individual plant sites and farm buildings and in grass pastures and rangelands. Use 1 to 3 quarts of BUTYL-6E per acre in enough water to give good coverage of the brush.

With Ground Equipment -- Spray young brush up to 6 to 8 feet tall, wetting leaves, stems and trunks thoroughly. This will usually require 25 to 100 gallons of spray per acre depending upon density of brush.

With Aerial Equipment -- Control can be obtained by using 2 to 4 gallons of spray per acre. Do not apply when brush is in early boot to milk stage where grass seed production is desired. Do not apply to newly seeded areas or after heading begins.

Attention: Best results will usually be obtained from applications made soon after maximum foliage development in the spring. In dry and hot growing conditions application can be made up to 10 to 12 weeks before the first killing frost. Do not allow the spray to contain water or rain for 24 hours after application.

Note: Do not graze treated areas by dairy animals within 7 days after application.

#### NOTICE

Use only the type of carrier recommended in the directions for the use of BUTYL-6E. Do not use any other type of carrier. Do not use any other type of carrier.

# AIDEX

**READ FOLLOWING CAREFULLY BEFORE APPLICATION**

**USE THIS PRODUCT ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED DOSAGE**

**DIRECTIONS FOR USE**

For use on bluegrass, fescue, Bermudagrass and bentgrass in fairways. Do not use this product on golf greens or tees. Weeds affected are as follows:

**SUSCEPTIBLE**

Dandelions (Taraxacum spp.)  
Clover (Trifolium spp.)  
Common Chickweed (Stellaria media)  
Mouse-ear Chickweed (Cerastium vulgatum)  
Plantain (Plantago spp.)  
Pigweed (Amaranthus spp.)  
Ragweed (Ambrosia spp.)  
Lambsquarters (Chenopodium album)

**MODERATELY SUSCEPTIBLE**

Knotweed (Polygonum spp.)  
Black medick (Medicago lupulina)  
English daisy (Bellis perennis)  
Dock (Rumex spp.)  
Purslane (Portulaca oleracea)  
Wood sorrel (Oxalis spp.)  
Mallow (Malva spp.)

**APPLICATION RATE:** For established turf, use 1½ fluid oz. in 1 to 2 gals. of water per 1000 sq ft. or 4 pints in 30 to 40 gals. per acre.

**MIXING:** Use clean spray equipment. Determine amount of water and MCPP, 2,4-D to be placed in tank. Partially fill tank with clean water, add herbicide, mix thoroughly, and add balance of water.

**WHEN TO APPLY:** Apply anytime weeds are young and actively growing. It is important that application be made when there is plenty of soil moisture, following a good rain or thorough watering. Do not water for at least 24 hours after application. If rain occurs within this period, effectiveness may be reduced, but wait at least a week to determine whether another application is necessary.

**HOW TO APPLY:** Use equipment which applies product uniformly. A boom type sprayer is recommended.

**MOWING:** Since action is through leaves, to provide adequate leaf area for best absorption of chemical, avoid cutting or mowing turf for 1 to 2 days before or after spraying.

**RESPONSE:** Full effects of application may not be visible for about three weeks.

USDA REC

CLEAR

MCPP

(AM

**Broadleaf Weed Killer**

[Contains 2 lbs. 2-(2-Methyl-4-chlorophenoxy)propionic acid and 1 lb. 2,4-Dichlorophenoxyacetic acid]

**ACTIVE INGREDIENTS**

Diethanolamine salt of 2-(2-Methyl-4-chlorophenoxy)propionic acid\*

Diethanolamine salt of 2,4-Dichlorophenoxyacetic acid

**INERT INGREDIENTS**

TOTAL . . . . .

\*2-(2-Methyl-4-chlorophenoxy)propionic acid (MCPP) equivalent . . . . .

\*\*2,4-Dichlorophenoxyacetic acid . . . . .

A Stable, Non-flammable, Non-corrosive

NOT FOR USE ON HOME LAWNS

**CAUTION Keep Out of Reach of Children**

See other cautions on side panel

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**W. A. CLEAR**

**NEW BRUNSWICK**