

BUCTRL + MCP + DICAMBA	0.5 + 0.5-1.0 + 0 125-0 25	As previously listed for Buctril combinations plus the following Plantains (<i>Plantago</i> spp.) Dandelion (<i>Taraxacum officinale</i>)
	1.0 + 0.5-1.0 + 0 125-0 25	As previously listed for Buctril combinations plus the following Prostrate Spurge (<i>Euphorbia supina</i>) Spurweed (<i>Soliva</i> spp.)

**CONTINUATION OF BUCTRL TANK MIXES
ESTABLISHED TURF ONLY; EXCLUDING BENTGRASSES**

BUCTRL + 2,4-D + MCP ^{3/}	0.5 + 0.5-1.0 + 0.5-1.0	As previously listed for Buctril combinations plus the following: Plantains (<i>Plantago</i> spp.) Knotweed (<i>Polygonum aviculare</i>) Dandelion (<i>Taraxacum officinale</i>) Red Sorrel (<i>Rumex acetosella</i>) ^{2/}
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1/ Except in California

2/ Use high rate of MCP for 2,4-D as expressed in lb/acre.

3/ Including prepackaged mixtures such as Chipco Turf Kleen.

A second application of Buctril alone 2 weeks after the initial treatment may be needed to get complete control of established Prostrate Spurge or Yellow Woodsorrel.

Do not apply to cool season grasses when the air temperature is above 80°F.

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 mixes with Buctril.

INDUSTRIAL SITES AND NON-CROP AREAS

FOR BROADCAST TREATMENT OF SMALL WEEDS:

Apply 2 quarts of Buctril with either 2 quarts of surfactant or 2 gallons of diesel oil in 150 gallons of water for each acre sprayed. Thorough coverage is important. Make sure spray boom is high enough to contact tops of all plants. Use adequate spray pressure to contact all leaf surfaces.

FOR SPOT TREATMENT OF SCATTERED INFESTATIONS OR LARGE WEEDS ALONG FENCEROWS, IN VACANT LOTS, AND ON INDUSTRIAL SITES:

Mix 1 quart of Buctril with either 1 quart of surfactant or 1 gallon of diesel oil per 100 gallons of spray solution. Cover all the weed foliage thoroughly. Use at least 200 gallons of spray solution for each acre sprayed.

When using oil, add Buctril to oil—then add water to this mixture while agitating vigorously.

CONTROLS THESE WEEDS IN THE SEEDLING STAGE:

In the Southwestern United States, Buctril effectively controls Russian Thistle (*Salsola kali*), Saltbush (*Atriplex* spp.), Maretail (*Conyza canadensis*), Puncturevine (*Tribulus terrestris*), Prostrate Spurge (*Euphorbia supina*) and Bassia (*Bassia* spp.).

Buctril should be applied in early summer when Russian Thistle is immature and growing vigorously. Best results are obtained when temperatures are 80°F or higher.

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

CONDITIONS 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 when used in accordance with the 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 hereon. 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.

LBL509C

PRODUCT NUMBER
2071



For the control of certain broadleaf weeds in established grasses, newly planted grasses for sod or seed production, and non-crop areas such as industrial sites, vacant lots, roadsides, and railroad rights-of-way.

ACTIVE INGREDIENT:

Octanoic acid ester of bromoxynil* (3,5-dibromo-4-hydroxybenzotrile) 33.8%
 INERT INGREDIENTS 66.2%

*Bromoxynil octanoate equivalent to 23.2% of bromoxynil or not less than 2.0 pounds of bromoxynil per gallon

ACCEPTED
 NOV 19 1982
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 359-660

Keep Out of Reach of Children
WARNING
 STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

See Side Panel for Additional Precautionary Statements

EPA Reg. No. 359-660
 EPA Est.
 0982

NET CONTENTS
 GALLONS
 LITERS

Manufactured By
RHÔNE-POULENC INC.
 AGROCHEMICAL DIVISION
 Monmouth Junction, New Jersey 08852

20F4

**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.

BUCTRIL CONTROL: THESE WEEDS IN THE SEEDLING STAGE

More susceptible weed species:

- | | |
|---|---|
| Annual Sowthistle (<i>Sonchus oleraceus</i>) | Mayweed (Dogfennel) (<i>Anthemis cotula</i>) |
| Blue (Purple) Mustard (<i>Chlorispora tenella</i>) | Peppergrass or Pepperweed (<i>Lepidium spp.</i>) |
| Corn Chamomile (Mayweed) (<i>Anthemis arvensis</i>) | Shepherdspurse (<i>Capsella bursa-pastoris</i>) |
| Corn Gromwell (<i>Lithospermum arvense</i>) | Silverleaf Nightshade (<i>Solanum elaeagnifolium</i>) |
| Fiddleneck (Tarweed) (<i>Amsinckia intermedia</i>) | Tartary Buckwheat (<i>Fagopyrum tataricum</i>) |
| Field Pennycress (<i>Thlaspi arvense</i>) | Tarweed (<i>Hemizonia spp.</i>) |
| Green Smartweed (<i>Polygonum scabrum</i>) | Wild Buckwheat (<i>Polygonum convolvulus</i>) |
| Larbsquarters (<i>Chenopodium album</i>) | |

Susceptible weed species:

- | | |
|---|--|
| Common Sunflower (Volunteer Sunflower) (<i>Helianthus annuus</i>) | Knawel (<i>Scleranthus annuus</i>) |
| Gow-Cockle (<i>Saponaria vaccaria</i>) | London Rocket (<i>Sisymbrium irio</i>) |
| Groundsel (<i>Senecio vulgaris</i>) | Tumble (Jim Hill) Mustard (<i>Sisymbrium altissimum</i>) |
| HeqBit (Deadnettle) (<i>Lamium amplexicaule</i>) | Wild Mustard (<i>Brassica kaber</i>) |

IMPORTANT:

- Buctril is a contact herbicide, therefore good coverage of the weeds is essential.
- Spray weeds soon after emergence for good weed control and to prevent competition to the crop. Buctril controls the weed species listed when in the seedling stage of development; that is, when weeds are less than 6 inches in height and are not past the 3 to 4-leaf stage of development. Avoid spray drift onto neighboring crops and pastures.

Do not apply when plants are stressed from lack of moisture.

ESTABLISHED TURFGRASSES AND NEWLY PLANTED GRASSES FOR SOD OR SEED PRODUCTION

3 of 4

Buctril is a contact herbicide which controls many broadleaved weeds. It can be safely applied to established bentgrasses, Kentucky Bluegrass, Fescues, Ryegrass, Bermudagrass and St. Augustinegrass. Buctril may also be used on seedling grasses such as Merion, Park, Delta or common Kentucky Bluegrasses, Pennlawn, Chewings, Illahee or Alta Fescues, orchard grass, Highland, Seaside or Astoria Bentgrasses, perennial Ryegrasses planted for seed or sod production, or forage grasses planted for seed production purposes only.

Apply Buctril to actively growing, seedling broadleaved weeds according to the following recommendations:

SEEDLING AND ESTABLISHED TURF:

PRODUCT	RATE lbal/Acre	WEED SPECIES
BUCTRIL	0.375 - 0.5 (1 1/2 - 2 Pts./A)	See General Weed List

ESTABLISHED TURF ONLY; EXCLUDING BENTGRASS PUTTING GREENS:

PRODUCT	RATE lbal/Acre	WEED SPECIES
BUCTRIL	1.0 (4 Pts./A)	As previously listed for Buctril plus the following: Spurweed (<i>Soliva</i> spp.) Yellow Woodsorrel (<i>Oxalis</i> spp.) ^{1/}
	2.0 (8 Pts./A)	As previously listed for Buctril plus the following: Prostrate Spurge (<i>Euphorbia supina</i>)

BUCTRIL TANK MIXES ESTABLISHED TURF ONLY; EXCLUDING BENTGRASSES

PRODUCTS	RATE lbal/Acre	WEED SPECIES
BUCTRIL + MCPP	0.5-1.0 + 1.0	As previously listed for Buctril plus the following: Common Chickweed (<i>Stellaria media</i>) Mouseear Chickweed (<i>Cerastium vulgatum</i>) Red Clover (<i>Trifolium pratense</i>) White Clover (<i>Trifolium repens</i>) Ground Ivy (<i>Glechoma hederacea</i>) Stitchwort (<i>Stellaria graminea</i>) Knotweed (<i>Polygonum aviculare</i>) Prostrate Spurge (<i>Euphorbia supina</i>)
BUCTRIL + DICAMBA	0.5 + 0.25 - 0.5	As previously listed for Buctril plus the following: Common Chickweed (<i>Stellaria media</i>) Mouseear Chickweed (<i>Cerastium vulgatum</i>) Red Clover (<i>Trifolium pratense</i>) White Clover (<i>Trifolium repens</i>) Knotweed (<i>Polygonum aviculare</i>) Red Sorrel (<i>Rumex acetosella</i>) Pepperweed (<i>Lepidium</i> spp.)
	1.0 + 0.25 - 0.5	As previously listed for Buctril plus the following: Prostrate Spurge (<i>Euphorbia supina</i>) Yellow Woodsorrel (<i>Oxalis</i> spp.) ^{1/} Spurweed (<i>Soliva</i> spp.)

BUCTRIL + MCPP + DICAMBA	0.5 + 0.5-1.0 + 0.125-0.25	As previously listed for Buctril combinations plus the following: Plantains (<i>Plantago</i> spp.) Dandelion (<i>Taraxacum officinale</i>)
	1.0 + 0.5-1.0 + 0.125-0.25	As previously listed for Buctril combinations plus the following: Prostrate Spurge (<i>Euphorbia supina</i>) Spurweed (<i>Soliva</i> spp.)

**CONTINUATION OF BUCTRIL TANK MIXES
ESTABLISHED TURF ONLY; EXCLUDING BENTGRASSES**

BUCTRIL + 2,4-D + MCPP ^{3/}	0.5 + 0.5-1.0 + 0.5-1.0	As previously listed for Buctril combinations plus the following: Plantains (<i>Plantago</i> spp.) Knotweed (<i>Polygonum aviculare</i>) Dandelion (<i>Taraxacum officinale</i>) Red Sorrel (<i>Rumex acetosella</i>) ^{2/}
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^{1/} Except in California.

^{2/} Use high rate of MCPP for 2,4-D as expressed in lbai/Acre.

^{3/} Including prepackaged mixtures such as Chipco Turf Kleen.

A second application of Buctril alone 2 weeks after the initial treatment may be needed to get complete control of established Prostrate Spurge or Yellow Woodsorrel.

Do not apply to cool season grasses when the air temperature is above 80°F.

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 mixes with Buctril.

INDUSTRIAL SITES AND NON-CROP AREAS

FOR BROADCAST TREATMENT OF SMALL WEEDS:

Apply 2 quarts of Buctril with either 2 quarts of surfactant or 2 gallons of diesel oil in 150 gallons of water for each acre sprayed. Thorough coverage is important. Make sure spray boom is high enough to contact tops of all plants. Use adequate spray pressure to contact all leaf surfaces.

FOR SPOT TREATMENT OF SCATTERED INFESTATIONS OR LARGE WEEDS ALONG FENCEROWS, IN VACANT LOTS, AND ON INDUSTRIAL SITES:

Mix 1 quart of Buctril with either 1 quart of surfactant or 1 gallon of diesel oil per 100 gallons of spray solution. Cover all the weed foliage thoroughly. Use at least 200 gallons of spray solution for each acre sprayed.

When using oil, add Buctril to oil—then add water to this mixture while agitating vigorously.

CONTROLS THESE WEEDS IN THE SEEDLING STAGE:

In the Southwestern United States, Buctril effectively controls Russian Thistle (*Salsola kali*), Saltbush (*Atriplex* spp.), Marestalk (*Conyza canadensis*), Puncturevine (*Tribulus terrestris*), Prostrate Spurge (*Euphorbia supina*), and Bassia (*Bassia* spp.).

Buctril should be applied in early summer when Russian Thistle is immature and growing vigorously. Best results are obtained when temperatures are 80°F. or higher.

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.

CONDITIONS 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.



THE PRINTING OF THIS LABEL IS AN ENVIRONMENTAL

CHIPCO BUCTRIL[®] HERBICIDE

CHIPCO BUCTRIL[®] HERBICIDE



For the control of certain broadleaf weeds in established grasses, newly planted grasses for sod or seed production, and non-crop areas such as industrial sites, vacant lots, roadsides, and railroad rights-of-way.

ACTIVE INGREDIENT

Octanoic acid ester of bromoxynil* (3,5-dibromo-4-hydroxybenzoxynitrile) 33.8%

INERT INGREDIENTS 66.2%

*Bromoxynil octanoate equivalent to 23.2% of bromoxynil or not less than 2.0 pounds of bromoxynil per gallon

ACCEPTED
NOV 19 1982

Keep Out of Reach of Children

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

See Side Panel for Additional Precautionary Statements

EPA Reg. No. 359-660
EPA Est.
0982

NET CONTENTS
GALLONS
LITERS

Manufactured By

RHÔNE-POULENC INC.

AGROCHEMICAL DIVISION

10000 W. 10th Avenue, Denver, CO 80202

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 32°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.

BUCTRIL CONTROLS THESE WEEDS IN THE SEEDLING STAGE

More susceptible weed species:

Annual Sowthistle (<i>Sonchus oleraceus</i>)	Mayweed (Dogfennel) (<i>Anthemis cotula</i>)
Blue (Purple) Mustard (<i>Chlorispora tenella</i>)	Peppergrass or Pepperweed (<i>Leptochloa sp.</i>)
Corn Chamomile (Mayweed) (<i>Anthemis arvensis</i>)	Shepherdspurse (<i>Capsella bursa-pastoris</i>)
Corn Gromwell (<i>Lithospermum arvense</i>)	Silverleaf Nightshade (<i>Solanum elaeagnifolium</i>)
Fiddleneck (Tarweed) (<i>Amsinckia intermedia</i>)	Tartary Buckwheat (<i>Fagopyrum tartaricum</i>)
Field Pennycress (<i>Thlaspi arvense</i>)	Tarweed (<i>Hemizonia sp.</i>)
Green Smartweed (<i>Polygonum scabrum</i>)	Wild Buckwheat (<i>Polygonum convolvulus</i>)
Lambquarters (<i>Chenopodium album</i>)	

Susceptible weed species:

Common Sunflower (Aurifee) (Sunflower) (<i>Helianthus annuus</i>)	Knapweed (<i>Scleranthus annuus</i>)
• Oak Cockle (<i>Saponaria vaccaria</i>)	London Rocket (<i>Sisymbrium</i>)
• Groundsel (<i>Senecio vulgaris</i>)	• Turnip Green Mustard (<i>Sisymbrium irio</i>)
• Heebit (Deathnettle) (<i>Lamium amplexicaule</i>)	Wild Mustard (<i>Brassica kaber</i>)

IMPORTANT

- Buctril is a contact herbicide; therefore good coverage of the weeds is essential.
- Spray weeds soon after emergence for good weed control, and to prevent competition to the crop. Buctril controls the weed species listed when in the seedling stage of development, that is, when weeds are less than 6 inches in height and are not past the 3 to 4 leaf stage of development. Avoid spray drift onto neighboring crops and pastures.
- Do not apply when plants are stressed from lack of moisture.

ESTABLISHED TURFGRASSES AND NEWLY PLANTED GRASSES FOR SOD OR SEED PRODUCTION

Buctril is a contact herbicide which controls many broadleaved weeds. It can be safely applied to established bentgrasses, Kentucky Bluegrass, Fescues, Ryegrass, Bermudagrass and St. Augustinegrass. Buctril may also be used on seedling grasses such as Merion, Park, Delta or common Kentucky Bluegrasses, Penniar, Chewings, Illahee or Alta Fescues, orchard grass, Highland Seaside or Astoria Bentgrasses, perennial Ryegrasses planted for seed or sod production, or forage grasses planted for seed production purposes only.

Apply Buctril to actively growing, seedling broadleaved weeds according to the following recommendations.

SEEDLING AND ESTABLISHED TURF:

PRODUCT	RATE lbai/Acre	WEED SPECIES
BUCTRIL	0.375 - 0.5 (1 1/2 - 2 Pts /A)	See General Weed List

ESTABLISHED TURF ONLY; EXCLUDING BENTGRASS PUTTING GREENS:

PRODUCT	RATE lbai/Acre	WEED SPECIES
BUCTRIL	1.0 (4 Pts /A)	As previously listed for Buctril plus the following: Spurweed (<i>Soliva</i> spp.) Yellow Woodsorrel (<i>Oxalis</i> spp.) ¹
	2.0 (8 Pts /A)	As previously listed for Buctril plus the following: Prostrate Spurge (<i>Euphorbia supina</i>)

**BUCTRIL TANK MIXES
ESTABLISHED TURF ONLY; EXCLUDING BENTGRASSES**

PRODUCTS	RATE lbai/Acre	WEED SPECIES
BUCTRIL + MCPP	0.5-1.0 + 1.0	As previously listed for Buctril plus the following: Common Chickweed (<i>Stellaria media</i>) Mouseear Chickweed (<i>Cerastium vulgatum</i>) Red Clover (<i>Trifolium pratense</i>) White Clover (<i>Trifolium repens</i>) Ground Ivy (<i>Glechoma hederacea</i>) Stichwort (<i>Stellaria graminea</i>) Knotweed (<i>Polygonum aviculare</i>) Prostrate Spurge (<i>Euphorbia supina</i>)
BUCTRIL + DICAMBA	0.5 + 0.25 - 0.5	As previously listed for Buctril plus the following: Common Chickweed (<i>Stellaria media</i>) Mouseear Chickweed (<i>Cerastium vulgatum</i>) Red Clover (<i>Trifolium pratense</i>) White Clover (<i>Trifolium repens</i>) Knotweed (<i>Polygonum aviculare</i>) Red Sorrel (<i>Rumex acetosella</i>) Pepperweed (<i>Lepidium</i> spp.)
	1.0 + 0.25 - 0.5	As previously listed for Buctril plus the following: Prostrate Spurge (<i>Euphorbia supina</i>) Yellow Woodsorrel (<i>Oxalis</i> spp.) ¹ Spurweed (<i>Soliva</i> spp.)