

PRODUCT NUMBER  
2070

ACCEPTED

# BUCTRIL<sup>®</sup> HERBICIDE

For the control of certain broadleaf weeds in wheat, barley, oats, rye, flax, 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-hydroxybenzonitrile) . . . . . 33.8%

**INERT INGREDIENTS:**

Bromoxynil octanoate equivalent to 2.2% of bromoxynil or not less than 2.0 pounds of bromoxynil per gallon. . . . . 66.2%

Keep Out of Reach of Children

**WARNING**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Drink 1 to 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.

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

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

See label for additional precautionary statements.

Manufactured by  
**Rhone-Poulenc Chemical Company**  
AGROCHEMICAL DIVISION  
180 South Junction, N.J. 08852



PA Reg. No. 360-664  
PA Est. 100-OR-1  
E-210

**NET CONTENTS:**  
GALLONS  
LITERS

**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. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from target areas.

**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, feed, seeds, fertilizers, or other pesticides by transport, storage, disposal or cleaning of equipment. 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 rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

**CONTAINER DISPOSAL:**

Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.

Consult Federal, State or Local Disposal Authorities for approved alternative procedures.

Apply this product only as specified on this label.  
Avoid spray drift onto neighboring crops and pastures.  
Do not graze treated fields for 30 days following application.

**CONTROLS THESE WEEDS IN THE SEEDLING STAGE**

- |   |   |
|---|---|
| Blue (Purple) Mustard ( <i>Chlorispora tenella</i> )                    | Lambsquarters ( <i>Chenopodium album</i> )                  |
| *Common Sunflower (Volunteer Sunflower)<br>( <i>Helianthus annuus</i> ) | *London Rocket ( <i>Sisymbrium irio</i> )                   |
| Corn Chamomile (Mayweed) ( <i>Anthemis arvensis</i> )                   | Mayweed (Dogfennel) ( <i>Anthemis cotula</i> )              |
| Corn Gromwell ( <i>Lithospermum arvense</i> )                           | Peppergrass or Pepperweed ( <i>Lepidium spp.</i> )          |
| *Cow Cockle ( <i>Saponaria var. carya</i> )                             | Shepherdspurse ( <i>Capsella bursa-pastoris</i> )           |
| Fiddleneck (Tarweed) ( <i>Amsinckia intermedia</i> )                    | Silverleaf Nightshade ( <i>Solanum elaeagnifolium</i> )     |
| Field Pennygrass ( <i>Thlaspi arvense</i> )                             | Tartary Buckwheat ( <i>Fagopyrum tataricum</i> )            |
| Green Smartweed ( <i>Polygonum scabrum</i> )                            | Tarweed ( <i>Hemizonia spp.</i> )                           |
| *Groundsel ( <i>Senecio vulgaris</i> )                                  | *Tumble (Jim Hill) Mustard ( <i>Sisymbrium altissimum</i> ) |
| *Herb (Deadnettle) ( <i>Lamium amplexicaule</i> )                       | Wild Buckwheat ( <i>Polygonum convolvulus</i> )             |
| Koeleria ( <i>Scleranthus annuus</i> )                                  | *Wild Mustard ( <i>Brassica kaber</i> )                     |
|   | *Less susceptible weed                                      |

**IMPORTANT:**

Spray weeds soon after emergence for good weed control and to prevent competition to the crop. BUCKBILT controls the weed species listed above when in the seedling stage of development, that is, when weeds are in height and are not past the 3 to 4 leaf stage of development.

**WHEN TO APPLY:**

Make application to small grains before the crop has reached the boot stage. It is important that weeds are sprayed soon after they have emerged, when they are still seedlings and before they become shaded by the crop. Treat flax when 2 to 8 inches tall. Do not treat flax during or after the bud stage. Do not treat flax in humid weather or when the temperature is over 85 F. Do not apply when plants are stressed from lack of moisture.

**AMOUNT TO USE:**

Use 1½ pints per acre for the more susceptible weeds. For the less susceptible weeds marked \* in the list, use 2 pints per acre.

**HOW TO APPLY:**

Apply as a water mix spray. Buctril is a contact weed killer and good coverage of the weeds is essential. Buctril may 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 Buctril is evenly mixed with the fluid fertilizer.

**FOR GROUND APPLICATION EQUIPMENT:**

Apply in a minimum of 10 gallons total spray per acre. Use a higher gallonage if necessary to get good coverage. Nozzle pressure should be at least 20 p.s.i.

**FOR AERIAL APPLICATION:**

Apply in a minimum of 5 gallons of total spray per acre. The plane should fly at a height above the crop to insure good coverage of weeds. Width of swath flown must not exceed length of spray boom.

**NEWLY PLANTED GRASSES FOR SOD OR SEED PRODUCTION**

Apply 1½ pints of BUCTRIL per acre after grasses emerge and before broadleaf weeds are past the 3 to 4-leaf stage.

Use 2 pints of BUCTRIL per acre if weeds are beyond the 3 to 4-leaf stage but less than 6 inches in height and before flower formation. Weeds that form rosettes should be treated when these rosettes are less than 1½ inches across.

This treatment may 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.

**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 FENCE ROWS, IN VACANT LOTS, AND ON INDUSTRIAL SITES:**

Mix 1 quart of BUCTRIL with either 1 quart of surfactant or 1 gallon 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.*), Marehail (*Coryza 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.

Use conditions may affect the use of Buctril. Consult State Agricultural Experiment Station weed control lists for specific recommendations for local weed problems.

This product conforms to the chemical description on the label thereof and is reasonably fit for 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 may affect the product's performance. Buctril is available in 1-gallon, 5-gallon, and 15-gallon containers.

# Compatibility test for tank mix of herbicide and fluid fertiizer

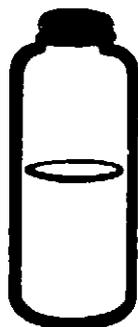
The compatibility of a pesticide and a fluid fertilizer should be determined before combining in the spray tank. A suggested method follows.



In a one quart jar put one pint of fluid fertilizer. Add a corresponding rate of herbicide as indicated below.



Close the jar and shake gently for five to ten seconds. Let the jar sit for at least 5 minutes. If the mixture stays mixed use the combination in your spray tank.



If the mixture separates after standing but can be mixed readily by shaking then the mixture can be used as long as good agitation is maintained. If large flakes, sludge, gels, or other precipitates form, or if a separate oily layer or oil globules appear, then the herbicide and fluid fertilizer should not be used in the same spray tank.

Gallons of fluid fertilizer to be applied per acre:

5            10            15            20            25

No. of tsps. of herbicide\* to be added to one pint of fertilizer

4<sup>3</sup>/<sub>4</sub>            2<sup>1</sup>/<sub>2</sub>            1<sup>1</sup>/<sub>2</sub>            1<sup>1</sup>/<sub>4</sub>            1

\*Based on an application rate of 2.0 pints per acre of Bronate or Buctril per acre.

Manufactured by

**RHÔNE-POULENC CHEMICAL COMPANY AGROCHEMICAL DIVISION** • Monmouth Junction, N.J. 08852

