

2020-0602

2020-03-17

Label Principal Panel

BioLink® Herbicide EC

A Contact, Post-Emergent, Non-Selective Herbicide for Use in Agricultural Food and Non-Food Crops

COMMERCIAL
Emulsifiable Concentrate

ACTIVE INGREDIENTS:

Caprylic Acid..... 47.16%

Capric Acid..... 31.6%

**KEEP OUT OF REACH OF CHILDREN
CAUTION SKIN IRRITANT
WARNING – EYE IRRITANT**

REGISTRATION NO.: 33590 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND BOOKLET BEFORE USING
See inside booklet for First Aid and Precautionary Statements
SHAKE WELL BEFORE USING • APPLY WITH CONTINUOUS AGITATION

Net Contents:

Manufactured by:

Westbridge Agricultural Products

1260 Avenida Chelsea Vista, CA 92081 USA (800) 876-2767



PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Causes eye irritation. **DO NOT** get in eyes. May irritate the skin. Avoid contact with skin and clothing. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, and application. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Remove clothing immediately if the product gets inside. Wash thoroughly and put on clean clothing. Remove personal protective equipment (PPE) after handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE items separately from other laundry.

Ensure adequate ventilation when spraying in enclosed areas such as greenhouses.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

For agricultural use, **DO NOT** enter or allow worker entry into the treated area for 24 hours. If re-entry is necessary during the restricted-entry interval, workers must wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. In addition, wear protective eyewear (goggles or face shield).

For non-crop areas, **DO NOT** enter or allow worker entry into the treated area until sprays have dried. If re-entry is necessary before sprays have dried, workers must wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes.

For golf courses, **DO NOT** enter or allow entry into treated areas until sprays have dried. If re-entry is necessary before the sprays have dried, coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes must be worn.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

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Net Contents: 9.45 L – 1040 L

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ENVIRONMENTAL PRECAUTIONS

TOXIC to terrestrial plants and aquatic organisms.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

PRODUCT INFORMATION

BioLink® Herbicide EC is a non-selective, post-emergent, foliar herbicide for use in and around food and non-food crop areas, as well as non-agricultural and industrial sites.

BioLink® Herbicide EC provides control of annual and perennial broadleaf weeds and grasses. BioLink® Herbicide EC works best on newly emerged, actively growing weeds that are less than 15 cm in height.

BioLink® Herbicide EC is a non-volatile, emulsifiable concentrate that is non-systemic and does not translocate within the plant.

DIRECTIONS FOR USE

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

BioLink Herbicide EC controls an array of weeds including grasses (such as annual ryegrass, annual bluegrass, barnyard grass, large crabgrass and wild oat), sedges (such as yellow nutsedge), and broadleaf weeds (such as black mustard, black nightshade, cleavers, curled dock, redroot pigweed, velvetleaf, wild carrot, burning nettle, hairy nightshade, common purslane and narrowleaf plantain)..

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

BioLink Herbicide EC may be applied up to and including the day of harvest (preharvest interval (PHI) = 0 days).

FOR USE in and AROUND FOOD and NON-FOOD CROPS, INCLUDING:

| | |
|-------------------------|--|
| Berries | Strawberries, Blackberries, Blueberries (including lowbush blueberries), Gooseberries, Cranberries, Red Raspberries, Red Currants, Black Currants. |
| Brassicas (Cole) | Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard Greens |
| Bulb Vegetables | Garlic, Leeks, Onions, Shallots |
| Cucurbit Vegetables | Cucumbers, Gourds, Pumpkins, Squash |
| Field Crops | Alfalfa*, Canola*, Cereal Grains*, Corn, Sorghum*, Soybeans, Sweet Corn, Wheat* |
| Fruiting Vegetables | Eggplant, Peppers (All Varieties), Tomatillos, Tomatoes |
| Herbs and Spices | Anise, Basil, Chive, Dill, Fennel, Oregano |
| Grapes | Wine Grapes, French Hybrids, native Lambrusca types |
| Leafy Greens | Arugula, Celery, Lettuce, Spinach |
| Legumes | Beans, Garbanzo, Lentils, Peas |
| Tree Nuts | Hazelnuts (Filberts), Walnuts |
| Pome Fruit | Apples, Crabapples, Pears, Quince |
| Stone Fruit | Apricots, Cherries, Nectarines, Peaches, Plums, Prunes |
| Root & Tuber Vegetables | Beets, Sugar Beets, Carrots, Potatoes, Seed Potato, Radishes, Sweet Potatoes |
| Miscellaneous Crops | Asparagus |

* Apply pre-plant or before the crop has emerged.

Non-Food Crops:

| | |
|--|---|
| Turf, Flowers, Bedding and Landscape | Bedding Plants, Flowers and Ornamentals, Turf Grass (Maintenance, Sod or Seed Production) |
| Trees and Shrubs | Christmas Trees, Forest and Commercial Trees, Landscape Trees, Nursery Trees or Shrubs |
| Greenhouse and Nurseries | All Crops, Plants |
| Fallow Land, Forages and Pastures, Uncultivated Land | |

For use in Non-Agricultural and Industrial Sites:

BioLink® Herbicide EC can be used to control undesired vegetation, weeds, and grasses growing in and around parks, golf courses, turf, ornamentals, landscapes, non-crop areas, right-of-ways, and around building structures.

MIXING INSTRUCTIONS AND APPLICATION RATES

BioLink® Herbicide EC is a non-selective, post-emergent herbicide for use in and around food and non-food crop areas. It can also be used in non-agricultural and industrial use sites. BioLink® Herbicide EC works best on newly emerged, actively growing broadleaved weeds. For grass and perennial weeds as well as more mature broadleaved weeds, use the higher application rates (6% to 9%) with up to 937 L of water per hectare. For effective weed control, apply BioLink® Herbicide EC directly on the targeted weeds. Use adequate spray solution volume to ensure thorough weed coverage. While lignified stems afford protection from BioLink Herbicide EC, any impacted green, succulent tissue will be adversely affected. Therefore, BioLink® Herbicide EC must be sprayed in a manner to avoid drift, such as applying with hooded spray equipment, to prevent drift damage to the crop.

APPLICATION RATES:

Apply BioLink Herbicide EC according to the following table.

| BioLink Herbicide EC Solution | | | | |
|---|---------------------------------|---|-----------------------------------|--|
| 3% | | 6% | | 9% |
| Purpose | Application Timing | Purpose | Application Timing | Purpose |
| Control of small, actively growing annual broadleaved weeds | Weeds less than 15 cm in height | Control of annual grass weeds | Weeds less than 15 cm in height | Control of larger annual grass weeds and perennial weeds (especially when the plants have lignified) |
| | | Burndown of perennial herbaceous broadleaved plants | Weeds less than 15 cm in height | Maximum vegetative burndown, edging, or when foliar trimming is desired |
| | | Burndown of annual broadleaved weeds | Weeds larger than 15 cm in height | |

Repeat applications every 14-21 days as required to maintain the desired level of weed control and to control plants emerging from seed and underground plant parts such as rhizomes and sedge nuts. Use the shorter application interval for problematic annual grass and perennial weeds. Removal of photosynthetic material will eventually starve the weed. There is no limit to the number of applications per year.

| Desired Volume of Spray Solution (L) | Amount of BioLink® Herbicide EC per Volume of Solution (Volume/Volume) | | |
|--------------------------------------|--|-------------|-------------|
| | 3% Solution | 6% Solution | 9% Solution |
| 4 | 120 mL | 240 mL | 360 mL |
| 50 | 1.5 L | 3 L | 4.5 L |
| 100 | 3 L | 6 L | 9 L |
| 200 | 6 L | 12 L | 18 L |
| 300 | 9 L | 18 L | 27 L |
| 400 | 12 L | 24 L | 36 L |

MIXING INSTRUCTIONS: Fill sprayer tank with half of the recommended water, then add the appropriate amount of BioLink® Herbicide EC. Fill tank with the remaining amount of water. Solution should appear similar to diluted milk when the mixing is adequate. When spraying the solution, USE CONTINUOUS AGITATION UNTIL ALL SPRAY SOLUTION HAS BEEN APPLIED. When applying with a backpack sprayer, agitate periodically by hand (every 5 – 6 minutes) while spraying. Spray until thoroughly wetted. Apply spray solution in properly maintained and calibrated equipment capable of delivering the desired volumes. Use spray solution within 4 hours of mixing.

Spray Water pH: For spray water with pH greater than 7, adjust to below pH 6 prior to the addition of BioLink® Herbicide EC. The dilution water can be adjusted using an acidifier such as BioLink® Acidifier. There is no lower limit to the pH, but it should be below 6.

Surfactants: BioLink Herbicide EC has surfactants built into the formulation. Do not add other surfactants to the spray solution.

SPRAY EQUIPMENT: Apply BioLink® Herbicide EC using hand-held equipment, boom sprayers, pressure sprayers, and backpack sprayers.. Only protected handlers may be in the application area. Always clean application equipment, including o-rings, thoroughly after each use.

DO NOT APPLY THIS PRODUCT BY AERIAL APPLICATION. Do not apply when wind conditions favour movement of spray away from the site of application. Avoid spray drift to non-target plants when using electrostatic sprayers. When applying this product in a broadcast application or spot treatment, utilize nozzle shields or other spray equipment modifications that prevent the movement of spray away from the target zone. When applying between rows of annual cereal crops, use shielded nozzles to prevent contact with the crop plant. BioLink Herbicide EC can be used along tree and vine rows if the crop has lignified stems. Utilize nozzles that are designed to produce large spray droplets to prevent drift onto crop.

BioLink Herbicide EC can be applied using conventional ground equipment along the tree or vine rows in orchards and vineyards. Lignified stems are not affected by the spray.

BioLink Herbicide EC can be applied in a broadcast fashion before planting or crop plant emergence using booms for maximum area coverage. There is minimal soil persistence and crop plants will germinate and emerge normally.

BioLink Herbicide EC can be applied in emerged field crops such as soybean and corn. Applications would be to the inter-row (between rows) region. The use of shielded nozzles are necessary to prevent drift from contacting the susceptible crop plants. For field crops with narrow spacing such as wheat, alfalfa, canola, cereal grain, and sorghum, application must be pre-plant or before the crop has emerged.

BioLink Herbicide EC can be spot-applied using sprayers such as a backpack sprayer. Extreme care and/or the use of nozzle shields are necessary.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

ADDITIONAL PRECAUTIONS: Do not apply to weeds when wet from dew, rain or water. Do not water within 4 hours after application. Do not apply if rainfall is expected within 4 hours of spray. For maximum burndown, complete coverage is necessary.

STORAGE

To prevent contamination store this product away from food or feed.

DISPOSAL

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