

2024-2595
2025-02-05

Label Principal Panel

BioLink® Herbicide EC

A Contact, Post-Emergent, Non-Selective Herbicide for Use in Agricultural Food and Non-Food Crops. Desiccant on potato (including seed potato), sweet potato and sugar beet

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: 3 L – 1040 L

Manufactured by:
SAN Group Biotech USA, Inc.



1260 Avenida Chelsea, Vista, California 92081 USA

Label Secondary Panel

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.

ENVIRONMENTAL PRECAUTIONS

TOXIC to non-target 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 filter strip between the treated area and the edge of the water body.

STORAGE

Store this product away from food or feed.

DISPOSAL

For recyclable containers

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For returnable containers

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For containers that can be refilled for the user by the distributor/dealer

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

Disposal of unused, unwanted product

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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Booklet Principal Panel

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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.

BioLink® Herbicide EC is a desiccant on potato (including seed potato), sweet potato and sugar beet.

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 releases, 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. Edible honeysuckle (Haskap)
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, Celeriac, 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
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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.

For use as a Desiccant or Harvest Aid

BioLink® Herbicide EC can be used as a desiccant and a harvest aid on potato, seed potato, sweet potato, and sugar beet. Make the first application at BBCH 49 (skin set complete stage) or at least two to three weeks prior to the anticipated harvest when maximum tuber mass is reached and tubers detach easily from stolons. Make up to two applications with a 7 to 14 day interval or as needed. To achieve the desired results, use the higher application rates (6% to 9%) in 300-560 L of water per hectare.

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	
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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.