

PMRA APPROVED
2023-2067
2025-05-30
Container label

BELOUKHA HERBICIDE

Emulsifiable Concentrate

Beloukha Herbicide is a liquid herbicide for non-selective vegetation control of areas around specified non-crop areas, labelled food crops, greenhouse food and ornamental crops and outdoor ornamental crops. Beloukha Herbicide is also used as a desiccant in wheat, barley, oats and potatoes, and for sucker control in grapes, pome fruit and stone fruit.

COMMERCIAL

ACTIVE INGREDIENT: Pelargonic acid500 g / L

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION - POISON



WARNING – EYE AND SKIN IRRITANT

REGISTRATION No.: 33685

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.1L – Bulk

Belchim Crop Protection Canada Inc.
104 Cooper Drive, Unit 3
Guelph, ON N1C 0A4
1-866-613-3336

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

FIRST AID

If swallowed, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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 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

There is no specific antidote for this product. Treat symptomatically.

***IN CASE OF EMERGENCY INVOLVING A POISONING OR MAJOR SPILL CALL:
1-800-336-2983***

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Harmful if inhaled. Avoid inhaling/breathing vapour or spray mist. May irritate skin or eyes. Avoid contact with eyes, skin or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash separately from other laundry before reuse.

Applicators, mixers, loaders and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, shoes plus socks and protective eyewear. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove personal protection

equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Keep and wash PPE separately from other laundry.

Apply only when the potential for drift to areas of human habitations or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind directions, temperature inversions, and application equipment and sprayer settings.

DO NOT enter or allow worker entry into treated areas until sprays have dried. If re-entry is necessary before the sprays have dried, workers must wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, and protective eyewear (goggles or face shield).

ANY DRIFT OF THIS PRODUCT OUTSIDE THE IMMEDIATE FIELD AREA MAY RESULT IN DAMAGE TO CROPS, SHELTERBELTS, ORNAMENTAL PLANTS AND LAWNS, GRAZING AREAS, WILDLIFE COVER, WETLANDS, AND OTHER DESIRABLE GROWTH.

ENVIRONMENTAL PRECAUTIONS

Toxic to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

To reduce runoff from treated areas into aquatic habitats avoid applications 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.

Greenhouse use: Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). May harm certain beneficial arthropods, including those used in greenhouse production. Avoid application when beneficial arthropods are in the treatment area.

STORAGE

Store this product away from food or feed.

Store in original container, tightly closed, in a safe place away from children.

DECONTAMINATION AND DISPOSAL

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill and for clean-up of spills.

CONTAINER DISPOSAL

FOR DISPOSAL OF PLASTIC JUGS: 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/territorial requirements.

FOR REFILLABLE CONTAINERS: 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.

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).

Pamphlet

BELOUKHA HERBICIDE

Emulsifiable Concentrate

AGRICULTURAL

Beloukha Herbicide is a liquid herbicide for non-selective vegetation control of areas around specified non-crop areas, labelled food crops, greenhouse vegetable and ornamental crops and outdoor ornamental crops. Beloukha Herbicide is also used as a desiccant in wheat, barley, oats and potatoes, and for sucker control in grapes, pome fruit and stone fruit.

COMMERCIAL

ACTIVE INGREDIENT: Pelargonic acid500 g / L

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION - POISON



WARNING – EYE AND SKIN IRRITANT

REGISTRATION No.: 33685

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.1L – Bulk

Belchim Crop Protection Canada Inc.
104 Cooper Drive, Unit 3
Guelph, ON N1C 0A4
1-866-613-3336

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

FIRST AID

If swallowed, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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 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

There is no specific antidote for this product. Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS

Toxic to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

To reduce runoff from treated areas into aquatic habitats avoid applications 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.

Greenhouse use: Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). May harm certain beneficial arthropods, including those used in greenhouse production. Avoid application when beneficial arthropods are in the treatment area.

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN.

Harmful if inhaled. Avoid inhaling/breathing vapour or spray mist. May irritate skin. Avoid contact with eyes, skin or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash separately from other laundry before reuse.

Applicators, mixers, loaders and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, shoes plus socks and protective eyewear. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove personal protection equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Keep and wash PPE separately from other laundry.

Apply only when the potential for drift to areas of human habitations or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind directions, temperature inversions, and application equipment and sprayer settings.

DO NOT enter or allow worker entry into treated areas until sprays have dried. If re-entry is necessary before the sprays have dried, workers must wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, and protective eyewear (goggles or face shield).

ANY DRIFT OF THIS PRODUCT OUTSIDE THE IMMEDIATE FIELD AREA MAY RESULT IN DAMAGE TO CROPS, SHELTERBELTS, ORNAMENTAL PLANTS AND LAWNS, GRAZING AREAS, WILDLIFE COVER, WETLANDS, AND OTHER DESIRABLE GROWTH.

STORAGE

Store this product away from food or feed.

Store in original container, tightly closed, in a safe place away from children.

DECONTAMINATION AND DISPOSAL

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills.

CONTAINER DISPOSAL

FOR DISPOSAL OF PLASTIC JUGS: 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/territorial requirements.

FOR REFILLABLE CONTAINERS: 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.

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).

DIRECTIONS FOR USE

GENERAL INFORMATION

BELOUKHA HERBICIDE is a fast-acting, non-selective contact herbicide. It provides burndown of various annual and perennial broadleaf weeds and grasses, and several mosses. The degree of burndown and longevity of control are less when the plants are inactive, mature, or biennial/perennial types. Repeat applications may be required to achieve desired weed control around fruit, vegetable, field crops, non-cropland, greenhouse crops and outdoor ornamental crops, for foliage desiccation and weed management prior to harvest in wheat, barley, oats and potatoes, and sucker control in grapes, pome fruit and stone fruit.

BELOUKHA HERBICIDE acts on contact and is not translocated within the plant. It will only burn those plant parts that are coated with the spray solution. BELOUKHA HERBICIDE can be applied in high or low volume sprayers as long as water volumes outlined in DIRECTIONS FOR USE are met. For improved efficacy, apply BELOUKHA HERBICIDE during warm temperatures and sunny conditions. Care must be taken to avoid spray drift onto desired vegetation.

Germination of seed will not be affected by BELOUKHA HERBICIDE if used on crops intended for seed production. Fruit or tuber growth will not be affected by BELOUKHA HERBICIDE as long as direct contact with product is avoided.

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.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

MIXING AND APPLICATION PROCEDURES

Apply spray solution in properly maintained and calibrated equipment capable of delivering desired volumes. Applications should be properly directed to avoid spraying or allowing drift to desirable plants. Always clean tank, pump, and line thoroughly with water after use.

Do not apply this product through any type of irrigation system, airblast sprayers or mist blowers.

This product mixes readily with water. Prior to application, prepare the spray mixture by filling the spray or mix tank with $\frac{3}{4}$ the required amount of water then add the proper amount of product. Fill remainder of tank with water to the total amount of spray solution needed. Remove hose promptly from tank to avoid spray solution siphoning back into hose or water source. Mix well.

For best results, ensure that the product is thoroughly mixed at filling and during spray application. Agitation should be maintained during operation. For sprayers without agitation, mix or shake solution regularly to maintain suspension.

Make foliar applications by ground in sufficient water for complete coverage of the foliage. Unless otherwise specified elsewhere in this label, use a minimum of 200 L of water/Ha.

For best results with backpack or other small tank applicators, ensure thorough mixing of herbicidal solution at filling and during the spray operation. Sprayers without continuous agitation should be shaken or mixed regularly to maintain suspension.

DO NOT apply to weeds when wet from dew, rain or irrigation.

This product may be tank mixed with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions for Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Belchim Crop Protection Canada Inc. at 1-866-613-3336 for information before applying any tank mix that is not specifically recommended on this label.

NOTE: To assure compatibility of this product with other products, pour the products into a small container of water in the correct proportions. After thorough mixing, let stand for 5 minutes. If the combination remains mixed, or can be re-mixed readily, the mixture is compatible.

Spray Buffer Zones:

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label,
- low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage,
- soil drench or soil incorporation.

For application to rights-of-way, spray buffer zones for protection of sensitive terrestrial habitats are not required; however, the best available application strategies which minimize off-site drift, including meteorological conditions (e.g., wind direction, low wind speed) and spray equipment (e.g., coarse droplet sizes, minimizing height above canopy), should be used.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands).

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of Terrestrial Habitat:
Field sprayer	All labelled crops	1

When tank mixes are permitted, consult the labels of the tank mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners..

The spray buffer zones for this product cannot be modified.

BOOM EQUIPMENT: For best control of annual, biennial, or perennial weeds using conventional boom equipment, use the product rate indicated for the intended weed in 200-300 L of spray solution or water/ha as a broadcast spray. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.

The pesticide supply tank should be equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all cautions and limitations on the labels of all products used in the mixtures.

HAND-HELD AND HIGH-VOLUME EQUIPMENT: For use with knapsack and backpack sprayers, pump-up pressure sprayers, handguns, hand wands, and other hand-held spray equipment and vehicle mounted high volume spray equipment in spray-to-wet applications. Apply spray solutions of this product to foliage of vegetation to be controlled, avoiding non target plants. For most efficient use of spray mixture, spray all leaf surfaces uniformly and completely to wetness, but not to the point of runoff.

SELECTIVE PLACEMENT EQUIPMENT: Direct spray of the herbicide solution to the weeds using a shielded applicator that uses a physical barrier to protect desirable vegetation from the herbicide spray. Follow spray volume instructions of the equipment or nozzle manufacturer when using this application method.

Table 1

Crop	Pest	Growth Stage	Rate (L/ha)	Application Volume (L/ha)	Remarks	PHI (Days)
CROP GROUP 13-07: Berries and Small Fruits ^a , CROP GROUP 12-09: Stone Fruits ^b , CROP GROUP 11-09: Pome Fruits ^c , CROP GROUP 8-09: Fruiting Vegetables (except Cucurbits) ^d , CROP GROUP 9: Cucurbit Vegetables ^e , CROP GROUP 1: Root and Tuber Vegetables ^f , CROP GROUP 6: Legume Vegetables (Succulent or Dried) ^g , and CROP GROUP 15: Cereal Grains ^h	Weeds (refer to list of species)	< 10 cm	16 – 27	200 – 300	Within the rate range, use the minimum effective rate for weed control. For harder-to-control weeds, higher rates within the rate range or repeat applications may be required. Use shielded / directed spray to avoid spraying desired vegetation. Use on woody / hardened vines or orchard trees > 2 years old.	1
Potato	Desiccation	Use at onset of senescence	16 – 22	300	For use with and without mechanical top beating. Within the rate range, use lower application rates when using mechanical top beater and use higher application rates without.	1
Wheat, Barley, Oats	Desiccation; Pre-harvest weed suppression	Use at onset of senescence	11 – 22	200 – 300	Spray on crop at onset of senescence and harvest when desired moisture level is reached.	1

Grape (cultivars and/or hybrids), CROP GROUP 12-09: Stone Fruits ^b , and CROP GROUP 11-09: Pome Fruits ^c	Suckers	All sizes	4 – 7	100 – 200	Use shielded / directed spray to avoid spraying desired vegetation. Use on woody / hardened vines or orchard trees > 2 years old. Within the rate range, higher rates or repeat applications may be required for larger sized suckers.	1
Post-Harvest	Weeds (refer to list of species)	< 10 cm	16 – 27	300	Within the rate range, use the minimum effective rate for weed control. Use shielded / directed spray to avoid spraying desired vegetation. For harder-to-control weeds, higher rates within the rate range or repeat applications may be required.	N/A
Outdoor ornamentals (woody ⁱ and herbaceous ^j): Container-, field- and liner-grown plants* and plants in landscape plantings	Weeds (refer to list of species)	< 10 cm	16 – 27	200 – 300	Within the rate range, use the minimum effective rate for weed control. Use on woody / hardened trees and vines that are > 2 years old. For harder-to-control weeds, higher rates	N/A

					within the rate range or repeat applications may be required. Use shielded / directed spray to avoid spraying desired vegetation.	
--	--	--	--	--	---	--

^a CROP GROUP 13-07: Berries and Small Fruits: Amur river grape, aronia berry, bayberry, bearberry, bilberry, blackberry (includes Andean blackberry, arctic blackberry, bingleberry, black satin berry, boysenberry, brombeere, California blackberry, Chesterberry, Cherokee blackberry, Cheyenne blackberry, common blackberry, coryberry, darrowberry, dewberry, Dirksen thornless berry, evergreen blackberry, Himalayaberry, hullberry, lavacaberry, lowberry, Lucretiaberry, mammoth blackberry, marionberry, mora, mures deronce, nectarberry, Northern dewberry, olallieberry, Oregon evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry, Shawnee blackberry, Southern dewberry, tayberry, youngberry, zarzamora, as well as cultivars, varieties and/or hybrids of these), highbush blueberry, lowbush blueberry, buffalo currant, buffaloberry, Chilean guava, chokecherry, cloudberry, cranberry, black currant, red currant, elderberry, European barberry, gooseberry, grape, highbush cranberry, edible honeysuckle, huckleberry, jostaberry, Juneberry (Saskatoon berry), fuzzy kiwifruit, hardy kiwifruit, lingonberry, loganberry, maypop, mountain pepper berries, mulberry, muntries, native currant, partridgeberry, pincherry, raspberry (red and black), salal, Schisandra berry, sea buckthorn, serviceberry, strawberry, wild raspberry, as well as cultivars, varieties and/or hybrids of these commodities.

^b CROP GROUP 12-09: Stone Fruits: apricot, Japanese apricot, black cherry, Nanking cherry, sweet cherry, tart cherry, Chinese jujube, nectarine, peach, plum, American plum, beach plum, Canada plum, cherry plum, Chicksaw plum, Damson plum, Japanese plum, Klamath plum, prune plum, plumcot, sloe, as well as cultivars, varieties and/or hybrids of these commodities.

^c CROP GROUP 11-09: Pome Fruits: apple, azarole, crabapple, mayhaw, medlar, pear, Asian pear, quince, Chinese quince, Japanese quince, tejocote, as well as cultivars, varieties and/or hybrids of these commodities.

^d CROP GROUP 8-09: Fruiting Vegetables (except Cucurbits): eggplant, African eggplant, pea eggplant, scarlet eggplant, garden huckleberry, goji berry, groundcherry, martynia, okra, pepino, bell pepper, non-bell pepper, sunberry, tomatillo, tomato, currant tomato, as well as cultivars, varieties and/or hybrids of these commodities.

^e CROP GROUP 9: Cucurbit Vegetables: Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, edible gourd (includes hyotan, cucuzza, hechima, Chinese okra), Momordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), muskmelon (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon and snake melon), pumpkin, summer squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), winter squash (includes butternut squash, calabaza, hubbard squash, Cucurbita mixta, C. pepo, acorn squash, spaghetti squash), watermelon (includes hybrids and/or varieties of Citrullus lanatus).

^f CROP GROUP 1: Root and Tuber Vegetables: arrowroot, Chinese artichoke, Jerusalem artichoke, garden beet, sugar beet, edible burdock, edible canna, carrot, celeriac (celery root), turnip-rooted chervil, chicory, chufa, dasheen (taro), ginseng, horseradish, turnip-rooted parsley, parsnip, potato, radish, oriental radish (daikon), rutabaga, salsify (oyster plant), black salsify, Spanish salsify, skirret, sweet potato, turnip, true yam.

^g CROP GROUP 6: Legume Vegetables (Succulent or Dried): Bean (*Lupinus* spp., includes grain lupin, sweet lupin, white lupin and white sweet lupin); Bean (*Phaseolus* spp., includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean and wax bean); Bean (*Vigna* spp., includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean); Broad bean (fava bean); Chickpea (garbanzo bean); Guar; Jackbean; Lablab bean (hyacinth bean); Lentil; Pea (*Pisum* spp., includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea); Pigeon pea; Soybean, immature soybean seed; Sword bean.

^h CROP GROUP 15: Cereal Grains: barley, buckwheat, corn, pearl millet, proso millet, oats, popcorn, rice, rye, sorghum (milo), teosinte, triticale, wheat, wild rice.

ⁱ Christmas trees, forest and commercial trees, landscape trees, nursery trees, and shrubs.

^j Ornamentals (flowering and non-flowering plants, bedding plants).

* Plants transplanted normally in rows in a nursery or similar area for further growth before transplanting to final growing location (place of establishment).

Weed Control in CROP GROUP 13-07: Berries and Small Fruits, CROP GROUP 12-09: Stone Fruits, CROP GROUP 11-09: Pome Fruits, CROP GROUP 8-09: Fruiting Vegetables (except Cucurbits), CROP GROUP 9: Cucurbit Vegetables, CROP GROUP 1: Root and Tuber Vegetables, CROP GROUP 6: Legume Vegetables (Succulent or Dried), CROP GROUP 15: Cereal Grains, Christmas trees, Forest and Commercial trees, Landscape trees, Nursery Trees, Shrubs, Greenhouse Cucumber, Tomato, Pepper, Lettuce and Greenhouse Ornamentals (flowering and non-flowering plants, bedding plants),

For weed control in annual crops, apply BELOUKHA HERBICIDE as a burndown for seedbed preparation or inter-row weed control. During seedbed preparation, apply BELOUKHA HERBICIDE either before or after seeding but at least 3 days prior to crop emergence. After crop emergence, use a directed or shielded sprayer to avoid damage to crop. BELOUKHA HERBICIDE can be used for spot treatments and between rows in crop fields and pastures.

In labelled perennial crops, including fruit trees, Christmas trees, forest and commercial trees, landscape trees, nursery trees, shrubs, and grape vines, BELOUKHA HERBICIDE can be used for weed control using a shielded or directed spray to avoid damage to the crop. Use this product on crops that are older than 2 years and have become hardened or woody. DO NOT use on green vines or stems.

For weed control in labelled greenhouse crops, BELOUKHA HERBICIDE can be applied to greenhouse floors and under benches for weed control using a directed or shielded spray to avoid damage to the crop.

DO NOT apply more than 4 times per year, except for Christmas trees, forest and commercial trees, landscape trees, nursery trees, shrubs, and greenhouse crops as specified on the label to which a maximum of 8 applications per year may be applied.

Make subsequent applications on a 7-14 day interval, when weed pressure warrants re-application.

Potato Desiccation

BELOUKHA HERBICIDE is an effective potato vine and leaf desiccant. Leaf kill will be seen rapidly (1 – 7 days) with gradual vine death occurring 15 – 28 days after application. In potatoes, the application of BELOUKHA HERBICIDE mimics the natural senescence of the potato plant at an increased rate that helps reduce the incidence of tuber rot.

For best results in potatoes, spray BELOUKHA HERBICIDE at least two weeks prior to harvest when plant growth has passed its peak and adequate skin set has been established. Poor skin set may result if plants are sprayed while actively growing. NOTE: Active plant growth of potato tops can continue into late season if growth was delayed during the growing period. A second application may be used 7 – 14 days after the first application. Complete kill may not be observed until 15 – 28 days after first application or 7 – 14 days after second application. Do not make more than 2 applications per season.

When potato tops are especially dense or heavy weed growth is present, use 1100 L of water/ha.

DO NOT apply BELOUKHA HERBICIDE during periods of extreme weather conditions, drought, or heavy rainfall. Allow the correct the environmental conditions (i.e. irrigate in drought or allow to dry in wet conditions) for at least 3 days prior to applying BELOUKHA HERBICIDE.

Wheat, Barley and Oats Desiccation and Pre-Harvest Weed Management

BELOUKHA HERBICIDE is an effective harvest aid for use in wheat, barley and oats. Apply BELOUKHA HERBICIDE to reduce the variability of crop senescence across the field and suppress weeds prior to harvest operations.

For best results in wheat, barley and oats, apply BELOUKHA HERBICIDE when the majority of the crop has entered senescence (i.e. there is 30% or less moisture in the seed or when the seed is firm and reasonable pressure with a thumbnail leaves a dent in the seed). Harvest cereal when desired moisture level is reached. A second application may be used 7 – 14 days after the first application. Do not make more than 2 applications per season.

DO NOT apply BELOUKHA HERBICIDE during periods of extreme weather conditions, drought, or heavy rainfall. Allow the correct the environmental conditions (i.e. irrigate in drought or allow to dry in wet conditions) for at least 3 days prior to applying BELOUKHA HERBICIDE.

Sucker Control in Grapes (cultivars and/or hybrids), CROP GROUP 12-09: Stone Fruits, and CROP GROUP 11-09: Pome Fruits

For sucker removal, spray BELOUKHA HERBICIDE on unwanted vegetative growth using a shielded or directed spray to avoid damage to vines, foliage, and fruit. For best results, apply product to suckers before hardening/lignification. Use product on trunks and vines that are older than 2 years and have become hardened or woody. DO NOT use on green trunks or vines.

Do not make more than 4 applications per season. Make subsequent applications on a 7-14 day interval, when sucker removal warrants re-application.

Post-Harvest Weed Control

For use on fields post-harvest to control weeds. Any new green growth will be killed or stunted.

Do not make more than 4 applications per season. Make subsequent applications on a 7-14 day interval, when weed pressure warrants re-application.

Non-Crop Weed Control

Apply BELOUKHA HERBICIDE to unwanted vegetation around rights-of-way, buildings, structures, and walkways. Product can also be applied to benches, walls, floors, roofs, and cooling pads for the control of mosses. A temporary residue or precipitate may result when used on some types of concrete, masonry, brick, or stone. Any new green growth will be killed or stunted.

Do not make more than 4 applications per season. Make subsequent applications on a 7-14 day interval, when weed pressure warrants re-application.

Table 2

Non-Crop	Pest	Growth Stage	Rate (L/ha)	Application Volume (L/ha)	Remarks
Non-Crop Areas	Weeds (refer to list of species)	< 10 cm	16 – 27	300	Use the minimum effective rate for weed & moss control. Use shielded / directed spray to avoid spraying desired vegetation. For harder-to-control weeds & mosses, higher rates within the rate range or repeat applications may be required.

List of Weeds – Controlled

Scientific Name	Common Name	Scientific Name	Common Name
<i>Amaranthus retroflexus</i>	Common amaranth	<i>Hypericum sp.</i>	St. Johnswort
<i>Aphanes arvensis</i>	Parsley piert	<i>Lamium amplexicaule</i>	Henbit

<i>Bunias orientalis</i>	Hill mustard	<i>Lamium purpureum</i>	Purple deadnettle
<i>Capsella bursa-pastoris</i>	Shepherd's purse	<i>Lolium perenne</i>	Perennial ryegrass
<i>Cardamine flexuosa</i>	Flexuous bittercress	<i>Matricaria recutita</i>	Wild chamomile
<i>Cerastium fontanum</i>	Mouse-ear chickweed	<i>Medicago lupulina</i>	Black medic
<i>Cerastium glomeratum</i>	Sticky chickweed	<i>Mercurialis annua</i>	Common mercury
<i>Chaenorhinum minus</i>	Dwarf snapdragon	<i>Picris hieracioides</i>	Hawkweed oxtongue
<i>Chenopodium album</i>	Common lambsquarters		
<i>Chenopodium hybridum</i>	Mapleleaf goosefoot		
<i>Digitaria ischaemum</i>	Smooth crabgrass	<i>Plantago sp.</i>	Plantain
<i>Dipotaxis tenuifolia</i>	Wall rocket		
		<i>Portulaca oleracea</i>	Common purslane
<i>Euphorbia helioscopia</i>	Sun spurge	<i>Sagina procumbens</i>	Procumbent pearlwort
		<i>Senecio vulgaris</i>	Common groundsel
<i>Festuca sp.</i>	Fescue	<i>Solanum nigrum</i>	Black nightshade
<i>Galinsoga parviflora</i>	Small flower galinsoga	<i>Sonchus arvensis</i>	Perennial sowthistle
<i>Geranium dissectum</i>	Cut-leaved cranesbill		
<i>Geranium sp.</i>	Cranesbill	<i>Stellaria media</i>	Common chickweed
<i>Hypericum perforatum</i>	Common St. Johnswort		

List of Weeds – Suppressed

Scientific Name	Common Name	Scientific Name	Common Name
<i>Abietinella abietina</i>	Fir tamarisk-moss	<i>Holcus lanatus</i>	Yorkshire fog
<i>Anagallis arvensis</i>	Care-all	<i>Matricaria sp.</i>	Mayweed
<i>Bromus erectus</i>	Upright Brome grass	<i>Myosotis arvensis</i>	Forget-me-not
<i>Bromus sp.</i>	Brome grass	<i>Panicum</i>	Smooth witchgrass
		<i>dichotomiflorum</i>	
<i>Bryophyta</i>	Mosses	<i>Picris echioides</i>	Bristly oxtongue
<i>Calendula officinalis</i>	Marigold	<i>Plantago coronopus</i>	Buck's horn plantain
		<i>Plantago lanceolata</i>	Ribwort/Narrowleaf plantain
<i>Ceratodon purpureus</i>	Ceratodon purpureus	<i>Poa annua</i>	Annual meadowgrass
<i>Chamerion</i>	Fireweed or rosebay	<i>Poa sp.</i>	Bluegrass
<i>angustifolium</i>	willowherb		
<i>Convolvulus arvensis</i>	Field bindweed	<i>Polygonum aviculare</i>	Knotgrass or prostrate knotweed
<i>Conyza canadensis</i>	Canada horseweed	<i>Rubus fruticosus</i>	Bramble
<i>Cynodon dactylon</i>	Bermudagrass	<i>Scorzoneroideis</i>	Fall hawkbit
		<i>autumnalis</i>	

<i>Echinochloa crus-galli</i>	Cockspur	<i>Sonchus oleraceus</i>	Annual sowthistle
<i>Epilobium parviflorum</i>	Hoary willowherb	<i>Sonchus sp.</i>	Sowthistle
<i>Epilobium sp.</i>	Willowherb		
<i>Festuca pratensis</i>	Meadow fescue	<i>Taraxacum officinale</i>	Dandelion
<i>Geranium pusillum</i>	Small geranium	<i>Trifolium dubium</i>	Small hop clover
<i>Geranium rotundifolium</i>	Round-leaved cranesbill	<i>Trifolium repens</i>	Dutch clover
		<i>Urtica dioica</i>	Common nettle
		<i>Veronica arvensis</i>	Corn speedwell
		<i>Veronica persica</i>	Bird's-eye speedwell