

This product has been cancelled effective as of October 9, 2024, but is authorized under paragraph 21(5)(a) of the Pest Control Products Act. Manufacturing and importing of the product are no longer permitted. The existing stocks in Canada are to be depleted according to the phase-out schedule, as listed in the Pesticide Product Information Database (<https://pesticide-registry.canada.ca>).

2022-0975
2022-03-04

Odyssey Ultra A Container

GROUP	2	HERBICIDE
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ODYSSEY® ULTRA A

For Weed Control in Field Peas, **Clearfield** Lentils¹, Faba Beans and Soybeans

This component must only be used in the ODYSSEY ULTRA Herbicide Tank-Mix

Water Dispersible Granular Herbicide
in water-soluble bags

AGRICULTURAL

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND
PEACE RIVER AREA OF BRITISH COLUMBIA ONLY

ACTIVE INGREDIENTS: Imazamox 35% a.e.
Imazethapyr 35% a.e.

Warning, contains the allergen sulfites

REGISTRATION NO. 31353 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 692 g (8 x 86.5 g water-soluble bags)

WARNING - EYE IRRITANT

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673**

DO NOT SELL INDIVIDUAL WATER-SOLUBLE BAGS SEPARATELY

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

BASF Canada Inc.
5025 Creekbank Road
Building A, 2nd Floor
Mississauga, Ontario L4W 0B6

1-877-371-2273

ODYSSEY is a registered trademark of BASF Agrochemical Products B.V., used with permission by BASF Canada Inc.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Skin irritant.

WARNING - EYE IRRITANT

May cause eye damage.

Wear a long-sleeved shirt, long pants and chemical resistant gloves during mixing/loading, application, clean-up and repair. In addition, wear goggles or a face shield during mixing and loading. Gloves are not required for an applicator when in enclosed cab.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 12 hours after application.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

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 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.

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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

ENVIRONMENTAL HAZARDS

TOXIC to non-target terrestrial plants. Observe buffer zones specified under Directions for Use.

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 of this product when heavy rain is in the 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.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

STORAGE

Store above 5°C.

Store in a cool, dry place away from children, animals, food, feed or fertilizers. Keep unused water-soluble bags in resealed original container. Keep packages dry at all times. Keep packages out of rain. Keep from freezing.

DISPOSAL

1. When all the water-soluble bags are used, make the empty outer package unsuitable for further use.
2. Dispose of the outer package in accordance with provincial requirements.
3. 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

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.

2022-0975
2022-03-04

Odyssey Ultra A Pouch Label

ODYSSEY® ULTRA A

NET CONTENTS: 86.5 g

ACTIVE INGREDIENTS:

Imazamox - 35% a.e.

Imazethapyr - 35% a.e.

Warning, contains the allergen sulfites

WARNING - EYE IRRITANT

KEEP OUT OF REACH OF CHILDREN

2022-0975
2022-03-04

Odyssey Ultra A Booklet

GROUP	2	1	HERBICIDE
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ODYSSEY® ULTRA HERBICIDE TANK-MIX

For Weed Control in Field Peas, **Clearfield** Lentils¹, Faba Beans and Soybeans
FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND PEACE RIVER AREA
OF BRITISH COLUMBIA ONLY

COMMERCIAL (AGRICULTURAL)

ODYSSEY® ULTRA A

Water Dispersible Granular Herbicide in
water-soluble bags

ACTIVE INGREDIENTS:

Imazamox 35% a.e.
Imazethapyr 35% a.e.

Warning, contains the allergen sulfites

REG. NO. 31353 PCP ACT

ODYSSEY® ULTRA B

Emulsifiable Concentrate

ACTIVE INGREDIENT:

Sethoxydim.....450 g/L

REG. NO. 31354 PCP ACT

WARNING – EYE IRRITANT

**DO NOT SELL INDIVIDUAL WATER-
SOLUBLE BAGS SEPARATELY**

NET CONTENTS:

692 g (8 x 86.5 g water-soluble bags)

CAUTION



POISON

**CAUTION – SKIN IRRITANT
CAUTION – EYE IRRITANT**

NET CONTENTS: 1 L - 100 L

**READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS
PRODUCT, CALL DAY OR NIGHT 1-800-454-2673**

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permission by BASF Canada Inc.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Do not take internally.

DO NOT get in eyes or on skin. Causes eye and skin irritation. May cause eye damage.

Avoid inhalation of vapour or spray mist.

Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.

Wear a long-sleeved shirt, long pants, hat, rubber boots and chemical resistant gloves during mixing/loading, application, clean-up and repair. In addition, wear goggles or a face shield during mixing and loading. Gloves are not required for an applicator when in enclosed cab.

If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.

DO NOT apply this product in a way that will cause this product to contact workers or other persons, either directly or through drift. Only handlers (mixers, loaders and applicators) wearing personal protective equipment may be in the area being treated during application.

DO NOT enter or allow entry into treated areas during the restricted-entry interval (REI) of 12 hours.

FIRST AID

ODYSSEY ULTRA A - 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.

ODYSSEY ULTRA B - 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 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.

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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

ODYSSEY ULTRA B contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically.

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under Directions for Use.

ODYSSEY ULTRA B contains a petroleum distillate that is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during applications.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), estuaries or marine habitats.

Do not apply where run-off or erosion is likely to occur.

To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted or fine textured such as clay).

Avoid application of this product when heavy rain is in the 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.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

STORAGE

Store above 5°C in original, tightly-closed container.

Store in a cool, dry, locked, well-ventilated area without floor drain.

Keep unused water-soluble bags in resealed original container. Keep packages dry at all times. Keep packages out of rain.

Do not ship or store near food, feed, seed or fertilizers and away from children and animals.

Herbicides should be shipped or stored separately from other pesticides to avoid cross-contamination.

ODYSSEY ULTRA A DISPOSAL

1. When all the water-soluble bags are used, make the empty outer package unsuitable for further use.
2. Dispose of the outer package in accordance with provincial requirements.
3. 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.

ODYSSEY ULTRA B DISPOSAL

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 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

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.

DIRECTIONS FOR USE

ODYSSEY ULTRA Herbicide Tank-Mix is a selective herbicide that can be applied as an early post-emergence treatment in field peas, **Clearfield** Lentils¹, faba beans and soybeans.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

When grasses are stressed due to drought, flooding, hot or prolonged cool temperatures (15°C or less), control can be reduced or delayed since grasses are not actively growing. Grass escapes or retillering may occur under prolonged stress conditions or low fertility. **Do not make applications to grasses stressed longer than 20 days due to lack of moisture, as unsatisfactory control can result.**

Thorough preplant tillage operations are required for fields where sod or forage grass crops may have grown in the previous year.

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) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

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

Buffer Zones

The 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) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of Application	Crop	Buffer Zones (metres) Required for the Protection of:	
		Freshwater Habitat	Terrestrial Habitat
Field sprayer	All crops	1	2

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) 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 drift buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pesticides and Pest Management portion of the Health Canada website.

Rainfastness Interval: The **ODYSSEY ULTRA Herbicide Tank-Mix** is rainfast 3 hours after application.

Do not contaminate irrigation or irrigation water supplies, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.

Do not apply more than once per year.

REGISTERED CROPS

ODYSSEY ULTRA Herbicide Tank-Mix is a selective herbicide that can be applied as an early post-emergence treatment in field peas, **Clearfield** Lentils¹ (lentil varieties with the **Clearfield** trait), faba beans and soybeans for control of grass and broadleaf weeds.

WEEDS CONTROLLED

ODYSSEY ULTRA Herbicide Tank-Mix applied as directed will control:

Barnyard grass	Stinkweed
Chickweed	Stork's bill
Cleavers	Volunteer barley
Crabgrass (large)	Volunteer canola (non- Clearfield canola only)
Fall panicum	Volunteer corn
Flixweed	Volunteer tame mustard
Green foxtail (including Group 1 and 2 resistant) ¹	Volunteer tame oats
Green smartweed	Volunteer wheat (including Clearfield)
Hemp-nettle ²	Wild buckwheat ²
Japanese brome grass ³	Wild mustard
Kochia ⁴	Wild oats (including Group 1 and 2 resistant) ¹
Lamb's-quarters ⁵	Witchgrass
Persian darnel	Yellow foxtail
Proso millet	
Quack grass (suppression, 2 to 5 leaf) ³	
Redroot pigweed	
Russian thistle ⁶	
Shepherd's purse	

¹ **ODYSSEY ULTRA Herbicide Tank-Mix** will not control weed biotypes that are multiple-resistant to both Group 1 and Group 2 Herbicides.

² Suppression in field peas and **Clearfield** Lentils¹.

³ **ODYSSEY ULTRA B** applied at a rate of 0.38 L/ha in tank mix with **ODYSSEY ULTRA A** will provide control of spring germinating Japanese brome grass, and suppression of quack grass and fall emerged Japanese brome grass.

⁴ Not controlled in **Clearfield** Lentils¹; suppression in field peas.

⁵ Suppression in field peas and **Clearfield** Lentils¹.

⁶ Suppression in **Clearfield** Lentils¹.

APPLICATION RATE AND TIMING

Timing	Early post-emergence
Rate	<p>ODYSSEY ULTRA A at 43 g/ha + ODYSSEY ULTRA B at 0.32 to 0.38 L/ha* + MERGE Adjuvant at 0.5% v/v</p> <p>* Apply ODYSSEY ULTRA B at the 0.38 L/ha rate for control of spring germinating Japanese brome grass, and suppression of quack grass and fall emerged Japanese brome grass. For control of fall emerged Japanese brome grass, or when weed densities are high and overlapping, when staging is late, or when weeds are under stress and not growing as actively due to moisture stress or temperature stress, add POAST® ULTRA Liquid Emulsifiable Herbicide (applied at 0.09 L/ha) to the above tank mix recommendation.</p>
Water Volume	50-100 L/ha
Remark	Application to field peas, Clearfield Lentils ¹ (lentil varieties with the Clearfield trait), faba beans and soybeans should be after weeds have emerged and from the 1-6 true leaf stage for field peas; 1-9 node stage for Clearfield Lentils ¹ ; 1-6 leaf stage of faba beans; and 1-3 true leaf stage of soybeans. Apply to broadleaf weeds from the cotyledon to 4-leaf stage and to grassy weeds from 1-6 true leaf or up to 2 tillers.

PRE-HARVEST AND GRAZING INTERVALS

The following pre-harvest and grazing intervals should be observed for respective crops:

Crop	PHI (days)
Faba beans	80
Lentils	60
Field peas ²	60
Soybeans ¹	85

¹ DO NOT graze treated soybeans or cut for hay; sufficient data are not available to support such uses.

² Field peas may be fed to livestock 30 days after application.

WARNING

Injury to grass, cereal or corn crops and turf may occur if the **ODYSSEY ULTRA Herbicide Tank-Mix** is applied directly onto, or is allowed to drift onto, these susceptible crops.

Do not apply when weather conditions may cause spray drift from treated fields to adjacent crops. Wash sprayer thoroughly after use to avoid damage to the next crop sprayed, especially if it is a cereal, forage or corn crop.

MIXING INSTRUCTIONS

Use 50-100 L/ha of water. Use a 50-mesh (or coarser) filter screen. Fill the spray tank three-quarters full with water. Add the required amount of **ODYSSEY ULTRA A** soluble bag(s) directly into the sprayer through the tank opening. Agitate for at least ten minutes to dissolve the herbicide. After the herbicide is dissolved, use a separate calibrated measuring device to add the required amount of **ODYSSEY ULTRA B** while agitating the spray solution. If required, add the necessary amount of POAST ULTRA Liquid Emulsifiable Herbicide. Continue agitation while adding the required amount of MERGE Adjuvant. If excess foaming occurs, a silicone anti-foaming agent may be added (e.g. HALT). Complete filling the tank to the desired level with water. If agitation is stopped for more than 5 minutes, re-suspend spray solution by full agitation prior to commencing spraying again. Between loads of **ODYSSEY ULTRA Herbicide Tank-Mix**, check in-line and nozzle screens and rinse and clean if necessary. Upon completion of spraying **ODYSSEY ULTRA Herbicide Tank-Mix**, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water to avoid possible injury to other crops.

ROTATIONAL CROPS

There is the possibility of residual soil activity for **ODYSSEY ULTRA A** the year following application.

Research studies have shown that the following crops may be safely planted the year following **ODYSSEY ULTRA A** application:

Field corn

Field peas

Clearfield Canola¹ (canola varieties with the **Clearfield** trait)

Clearfield Lentils¹ (lentil varieties with the **Clearfield** trait)

Lentils

Spring wheat

Durum wheat

Tame oats

Canary seed

Spring barley

Chickpeas

Research studies have shown that flax, canola and sunflower may be safely planted **2 years** following an **ODYSSEY ULTRA A** application in all regions of Western Canada except the Peace River Region of Alberta and British Columbia. In the Peace River Region, observe a minimum 34 months recropping interval for non-**Clearfield** canola, flax and non-**Clearfield** sunflower, and perform a field bio-assay the year prior to planting to confirm normal growth of the crops. If the crops show signs of injury, delay planting by an additional year and perform an additional field bio-assay the following year.

WARNING: Certain environmental conditions may delay the breakdown of herbicide residues in soil. These conditions include but are not limited to drought, extremes in soil pH and excessive cold. Under these conditions, the level of phytotoxic herbicide residues present in the field the season following an application may result in an increased potential for injury to succeeding crops to occur. This potential for increased residues under these environmental conditions is not unique to any specific herbicide or herbicide group but is a property of those herbicides which persist in the soil and are dependent on soil microbial activity and other non-microbial processes (e.g. hydrolysis) to breakdown.

There are insufficient data for other follow crops. Conduct a field bioassay (a test strip grown to maturity) the year before growing any crop other than those listed above.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, **ODYSSEY ULTRA Herbicide Tank-Mix** is both a Group 1 and a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to **ODYSSEY ULTRA Herbicide Tank-Mix** and other Group 1 and Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of **ODYSSEY ULTRA Herbicide Tank-Mix** or other Group 1 and 2 herbicides within a growing season (sequence) or among seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.

- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact BASF at 1-877-371-2273 or at www.agsolutions.ca.

¹ *Methods of growing plants which are resistant to certain acetohydroxyacid synthase (AHAS) herbicides are protected by Canadian Patent No. 1341465. Other applicable patents include Canadian Patent Application No. 2447445. The use of this product in the practice of patented methods could constitute patent infringement. Further information can be obtained by contacting BASF Canada at 1-877-371-2273.*

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