

Odyssey herbicide/Odyssey NXT herbicide technology sheet

Reliable 1-pass weed control in multiple crops including Clearfield® lentils, soybeans and field peas.

- Controls flushing weeds including volunteer canola
- Proven control of a wide spectrum of key weeds in a single pass
- Lasting activity to control shallow-germinating weeds
- Wide window of application
- Odyssey® NXT herbicide provides the same performance as Odyssey herbicide, in new packaging including Merge® adjuvant

Active ingredients

Imazamox – Group 2
Imazethapyr – Group 2

Formulation

Water dispersible granular

One case of Odyssey contains

8 x 86.5 g water-soluble bags

One case of Odyssey NXT contains

2 x 692 g jugs of Odyssey NXT
2 x 8.1 L jugs of Merge adjuvant

Storage

Odyssey

Keep from freezing.
Store above 5°C.

Odyssey NXT

Not affected by freezing.

Crops¹

Alfalfa (for seed production)	1 to 4 leaf
Birdsfoot trefoil (for seed production)	1 to 4 leaf
Clearfield canola	2 to 6 leaf
Clearfield lentils	1 to 9 node
Clearfield XCEED® canola	2 to 6 leaf
Faba beans	1 to 6 leaf
Fenugreek	1 to 4 true leaf
Field peas	1 to 6 true leaf
Seedling clover (for seed production)	1 to 4 leaf
Soybeans	1 to 3 true leaf

Staging

Weeds controlled and staging

Broadleaves – cotyledon to 4 leaf (except where indicated)

Chickweed	Sheppard's purse
Cleavers (4 whorls)	Stinkweed
Flixweed	Stork's-bill
Green smartweed	Volunteer canola ⁴
Hemp-nettle ²	Volunteer tame mustard
Lamb's quarters ³	Wild buckwheat ²
Redroot pigweed	Wild mustard
Russian thistle ²	

Grasses – 1 to 4 true leaf

Barnyard grass	Volunteer tame oats
Green foxtail	Volunteer wheat
Persian darnel	Wild oats
Volunteer barley	

¹ Registered for use only in the Prairie Provinces.

² Suppression in less competitive crops, such as field peas and **Clearfield** lentils.

³ Suppression only.

⁴ Non-**Clearfield** canola varieties only.



We create chemistry

Odyssey®

Herbicide

Odyssey® NXT

Herbicide

Application rates

One case of Odyssey will treat 40 acres. One case of Odyssey NXT will treat 80 acres.

Odyssey or Odyssey NXT herbicide	17 g/ac (43 g/ha)
Merge adjuvant ⁵	0.5% v/v (e.g. 500 ml per 100 L solution)

Water volume

Ground application only	20 to 40 L/ac (5 to 10 gal/ac)
-------------------------	--------------------------------

⁵ Merge adjuvant (required for optimum activity) is included in the Odyssey NXT case but not included in the Odyssey case.

Mixing order

1. Use a 50 mesh (or coarser) filter screen and fill the spray tank 3/4 full with the correct amount of water. Start and continue agitation throughout mixing.
2. Add the required amount of Odyssey water-soluble bags or Odyssey NXT jugs and continue to agitate until fully dissolved.
3. After the herbicide is dissolved, if using a tank mix, add the correct amount of second herbicide and continue agitating.
4. 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®).
5. 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.
6. Between loads of tank mix, check in-line and nozzle screens and rinse clean if needed.

Application tips

Rainfastness – 3 hours.

Apply in warm weather to weeds that are actively growing.

Avoid applying immediately after or preceding a frost or unseasonably cold weather.

Pre-harvest interval

60 days after application for **Clearfield** canola, **Clearfield** XCEED canola, faba beans, fenugreek, field peas, and **Clearfield** lentils.

85 days after application for soybeans.

Field peas treated with Odyssey NXT may be fed to livestock 30 days after application. Application to alfalfa, birdsfoot trefoil and clover is for seed production only. Harvested crop is not to be fed to livestock.

Follow crops

1 year after application

Barley	Field corn	Spring wheat (including Clearfield wheat)
Canary seed	Field peas	Tame oats
Chickpeas	Lentils (including Clearfield lentils)	Wheat (spring and durum)
Clearfield canola (varieties with the Clearfield trait)	Soybeans	

Tank mixes

Herbicides⁶: Lontrel® 360⁷, Lontrel SG, Poast® Ultra⁸

Contact **AgSolutions**® Customer Care or your local BASF Sales Representative for additional information on supported tank mixes.

⁶ See respective herbicide labels for details on applicable crops and re-crop restrictions. ⁷ Apply at 170 to 227 ml/ac (0.42 to 0.56 L/ha); 170 ml/ac (0.42 L/ha) will provide top growth control of Canada thistle for 6-8 weeks, while the 227 ml/ac (0.56 L/ha) rate will provide season-long control of top growth. ⁸ Apply at 129 to 154 ml/ac (0.32 to 0.38 L/ha); Apply at a rate of 190 ml/ac (0.47 L/ha) for control of fall emerged Japanese brome grass.

For more information: Call **AgSolutions** Customer Care at 1-877-371-BASF (2273), or visit agsolutions.ca.

Always read and follow label directions.

AgSolutions is a registered trade-mark of BASF Corporation; **Clearfield**, and **ODYSSEY** are registered trade-marks of BASF Agrochemical Products B.V.; **POAST** is a registered trade-mark of BASF SE; all used with permission by BASF Canada Inc. **MERGE** is a registered trade-mark of BASF Canada Inc. © 2016 BASF Canada Inc.

Halt, and **Lontrel** are registered trade-marks of Dow AgroSciences LLC. **XCEED** is a registered trade-mark of Crop Production Services (Canada) Inc.