

Odyssey Ultra herbicide

technology sheet

Two modes of action for proven control of tough broadleaf and grassy weeds.

- Early-season control that includes multiple flushing weeds.
- Proven control of a wider spectrum of key grassy weeds including Japanese brome grass, along with suppression of quackgrass.
- Extended application window up to 6-leaf stage on grassy weeds.
- Multiple modes of action for management of resistant grassy weeds.

Active ingredients

- (a) Imazamox – Group 2
Imazethapyr – Group 2
- (b) Sethoxydim – Group 1

Formulation

- (a) Water dispersible granules
- (b) Emulsifiable concentrate

One case contains

- (a) 8 x 86.5 g water-soluble bags
- (b) 6.16 L jug
8.1 L jug Merge® adjuvant

Storage

Store above 5°C.

Japanese brome grass control 28 days after application in Clearfield lentils



Odyssey® + competitor



Odyssey Ultra

Source: BASF research trial, Saskatoon, SK, 2014

Crops

Clearfield® canola
Clearfield lentils
Faba beans
Field peas
Soybeans

Staging

2 to 6 leaf
1 to 9 node
1 to 6 leaf
1 to 6 true leaf
1 to 3 true leaf

Weeds controlled and staging

Broadleaves – cotyledon to 4 leaf

Chickweed ¹	Shepherd's-purse ¹
Cleavers ¹	Stinkweed ¹
Flixweed	Stork's bill ¹
Green smartweed	Volunteer canola (non-Clearfield canola only) ¹
Hemp nettle ²	Volunteer tame mustard
Lamb's quarters ³	Wild buckwheat ²
Redroot pigweed ¹	Wild mustard ¹
Russian thistle ⁴	

Grasses – 1 to 6 true leaf or up to 2 tillers (except where indicated)

Barnyard grass	Volunteer barley
Crabgrass (large)	Volunteer corn
Fall panicum	Volunteer wheat (incl. Clearfield wheat)
Green foxtail ^{1,5}	Volunteer tame oats
Japanese brome grass ⁶	Wild millet
Persian darnel	Wild oats ⁵
Proso millet	Witchgrass
Quackgrass ⁷ (2 to 5 leaf)	Yellow foxtail

¹ Multiple flushing weeds.

² Suppression in field peas and Clearfield lentils.

³ Suppression in field peas, soybeans, Clearfield lentils and Clearfield canola.

⁴ Suppression in Clearfield lentils.

⁵ Odyssey Ultra herbicide tank-mix will not control weed biotypes that have multiple resistance to both Group 1 and Group 2 herbicides.

⁶ Odyssey Ultra herbicide will provide control of spring germinating Japanese brome grass and suppression of fall emerged Japanese brome grass.

⁷ Suppression in all crops.

 **BASF**

We create chemistry

Application rates

One case will treat 40 acres.

Odyssey Ultra herbicide (a)	17 g/ac (43 g/ha)
Odyssey Ultra herbicide (b)	154 ml/ac (380 ml/ha) ⁸
Merge adjuvant ⁹	0.5% v/v (e.g. 500 ml per 100 L spray solution)

Water volume

Ground application only	20 to 40 L/ac (5 to 10 gal/ac)
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⁸ For control of fall emerged Japanese brome grass, add Poast® Ultra herbicide (at 90 ml/ha) to the tank mix. See label for details.

⁹ Merge adjuvant is required and is included with Odyssey Ultra herbicide 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.
2. Add the required amount of Odyssey Ultra herbicide (a) water-soluble bags directly into the sprayer through the tank opening. Agitate for at least 10 minutes to dissolve the herbicide.
3. After the herbicide is dissolved, use a separate calibrated measuring device to add the required amount of Odyssey Ultra herbicide (b) while agitating the spray solution.
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 when temperature is under 5°C.

Pre-harvest interval

60 days after application for **Clearfield** canola¹⁰, **Clearfield** lentils and field peas.¹¹

80 days after application for faba beans.

85 days after application for soybeans.¹⁰

¹⁰ Do not graze treated canola or soybeans or cut for hay; sufficient data is not available to support these uses.

¹¹ Field peas may be fed to livestock 30 days after application.

Follow crops¹²

1 year after application

Canary seed, chickpeas, **Clearfield** canola, **Clearfield** canola quality *Brassica juncea*, durum wheat, field corn, field peas, lentils (incl. **Clearfield** lentils), spring barley, spring wheat, tame oats

2 years after application

Flax, non-**Clearfield** canola, sunflowers

¹² Refer to label for additional follow-crop restrictions. Contact your BASF Sales Representative for details on any crops not listed here.

Tank mixes

Herbicide: Poast Ultra (at 36ml/ac (90 ml/ha) for control of fall emerged Japanese brome grass).

Fungicides: Headline^{®13}, Priaxor^{®13}

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

¹³ Supported but not on label.

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

Always read and follow label directions.

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