

# 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 and quackgrass.<sup>1</sup>
- 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<sup>®</sup> adjuvant

#### Storage

Store above 5°C.

#### Weed control 28 days after application in Clearfield lentils



Odyssey<sup>®</sup> + Assure<sup>®</sup> II



Odyssey Ultra

Source: BASF Research trial, Saskatoon, SK, 2014

#### Crops

**Clearfield<sup>®</sup>** canola  
**Clearfield** lentils  
Field peas  
Soybeans

#### Staging

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

#### Weeds controlled and staging

##### Broadleaves – cotyledon to 4 leaf

Chickweed <sup>2</sup>	Shepherd's-purse <sup>2</sup>
Cleavers <sup>2</sup>	Stinkweed <sup>2</sup>
Flixweed	Stork's bill <sup>2</sup>
Green smartweed	Volunteer canola <sup>2</sup> (non- <b>Clearfield</b> canola only)
Hemp nettle <sup>3</sup>	Volunteer tame mustard
Lamb's quarters <sup>4</sup>	Wild buckwheat <sup>3</sup>
Redroot pigweed <sup>2</sup>	Wild mustard <sup>2</sup>
Russian thistle <sup>5</sup>	

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

Barnyard grass	Volunteer barley
Fall panicum	Volunteer corn
Green foxtail <sup>2,6</sup>	Volunteer wheat (incl. <b>Clearfield</b> wheat)
Japanese brome grass <sup>1</sup>	Volunteer tame oats
Large crabgrass	Wild millet
Persian darnel	Wild oats <sup>6</sup>
Proso millet	Witchgrass
Quackgrass <sup>1</sup> (2 to 5 leaf)	Yellow foxtail

<sup>1</sup> Not on current label. These weeds have been submitted to PMRA for approval and addition to the label.

<sup>2</sup> Multiple flushing weeds.

<sup>3</sup> Suppression in field peas and **Clearfield** lentils only.

<sup>4</sup> Suppression in field peas, soybeans, **Clearfield** lentils and **Clearfield** canola.

<sup>5</sup> Suppression in **Clearfield** lentils only.

<sup>6</sup> Odyssey Ultra herbicide tank-mix will not control weed biotypes that have multiple resistance to both Group 1 and Group 2 herbicides.

 **BASF**

The Chemical Company

### 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)
Merge adjuvant <sup>7</sup>	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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<sup>7</sup> 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 unseasonably cold weather.

### Pre-harvest interval

60 days after application for **Clearfield** canola<sup>8</sup>, **Clearfield** lentils and field peas.<sup>9</sup>

85 days after application for soybeans.<sup>8</sup>

<sup>8</sup> Do not graze treated canola or soybeans or cut for hay; sufficient data is not available to support these uses.

<sup>9</sup> Field peas may be fed to livestock 30 days after application.

### Follow crops<sup>10</sup>

#### 1 year after application

Alfalfa and other forage legumes	Dry beans	Lentils (incl. <b>Clearfield</b> lentils)
Canary seed	Durum wheat	Soybeans
Chickpeas	Faba beans	Spring barley
<b>Clearfield</b> canola	Field corn	Spring wheat
<b>Clearfield</b> canola quality <i>Brassica juncea</i>	Field peas	Tame oats

<sup>10</sup> Refer to label for additional follow-crop restrictions.

### Tank mixes

#### Fungicides: Headline<sup>®11</sup>, Priaxor<sup>®11</sup>

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

<sup>11</sup> 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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