

Othello[®] OD

Net contents : 3/5/10/15 L

Herbicide

Post-emergence herbicide for the control of certain broad-leaved and some grass weeds in wheat.

Contains: 50g/litre diflufenican, 7.5g/litre mesosulfuron methyl, 2.5g/litre iodosulfuron methyl sodium + 22.5g/litre mefenpyr-diethyl (safener) in the form of an oil dispersion

Registered pursuant to the ACVM Act 1997, No P8168
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, No HSR100005
See www.epa.govt.nz for approval conditions

DG Information



UN 3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (MESOSULFURON; POLYGLYCOLETHER SOLUTION)
PACKING GROUP III
CLASS 9
HAZCHEM CODE 3082

IN A TRANSPORT EMERGENCY DIAL 111 POLICE OR FIRE BRIGADE



16-01-2019

WARNING**KEEP OUT OF REACH OF CHILDREN****HSNO Classifications:**

6.4A Causes serious eye irritation.

9.1A Very toxic to aquatic life with long lasting effects

9.2A Very toxic to the soil environment

PRECAUTIONS:

Read label before use

Do not eat, drink or smoke while using this product.

Remove protective clothing and wash hands and face thoroughly before meals and after work.

Avoid contact with the skin and eyes

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area

Do not apply directly into or onto water

PERSONAL PROTECTION:

When handling, wear full protective clothing such as impervious gloves, respirator, waterproof hat, coat and trousers (worn outside rubber boots).

STORAGE: Store in original container tightly closed and in a locked dry, cool, well-ventilated area, away from foodstuffs.**SPILLS AND DISPOSAL:** When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section.

Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

Disposal: Dispose of this product only by using according to the label or at an approved landfill. Avoid contamination of any water supply with product or empty container.**Container Disposal:** Triple rinse container and add residue to mixture. Take to an Agrecovery collection site.**FIRST AID:**

If swallowed, do NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin contact occurs, remove contaminated clothing and flush skin with running water. If splashed in eyes, wash out immediately with water, if irritation persists get medical advice. If inhaled, move the victim to fresh air immediately.



DIRECTIONS FOR USE:

MIXING: Shake the container well before use. Half fill the spray tank with clean water and add the required amount of **Othello OD**. Wash out the container and add the washings to the spray solution, before topping up with clean water. Maintain continuous agitation of spray solution. Do not leave the sprayer filled with the spray solution standing for long periods. Wash out the sprayer thoroughly after use using a wetting agent or proprietary tank cleaner.

RESISTANCE MANAGEMENT

Group	B + F1	Herbicide
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Othello OD contains diflufenican which is a pyridinecarboxamide herbicide. It inhibits carotenoid biosynthesis at the phytoene desaturase step. Also contains iodosulfuron methyl sodium and mesosulfuron methyl from the sulfonamide group of herbicide and they inhibit acetolactate synthase (ALS). Some naturally occurring weed biotypes resistant to Othello OD and other herbicides containing one of the active ingredients may exist through normal genetic variability in any weed population. Resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. Resistant weeds will not be controlled by Othello OD or other herbicides containing one of the active ingredients. Since occurrence of resistant weeds is difficult to detect prior to use, Bayer accepts no liability for any losses that may result from failure of Othello OD to control resistant weeds. Chickweed biotypes resistant to Glean® have been identified. To prevent or delay the development of resistance, use Othello OD in rotations with herbicides with a different mode of action effective on the same weed species.

RECOMMENDATION:

Apply 1.0L/ha **Othello OD** as a post-emergence application up to growth stage 30 of the wheat for general broad-leaved and grass weed control

Apply through any standard crop sprayer capable of giving uniform coverage at a spray volume of 200 - 300 l/ha. Use spray pressures of at least 200 kPa and select nozzles capable of producing fine spray droplets. Avoid overlaps.

RESTRICTIONS:

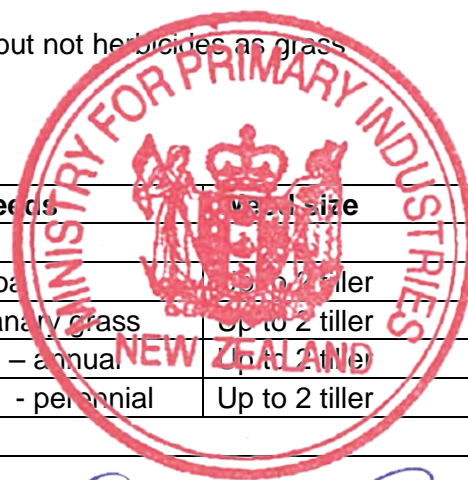
DO NOT treat undersown wheat.

Avoid spraying during periods of prolonged or severe frosts as transitory discoloration or scorch to the crop may result.

Othello OD may be applied as a tank-mix with other pesticides but not herbicides as grass activity may be reduced.

WEEDS CONTROLLED

Broad-leaved weeds	Weed size	Grass weeds	Weed size
Black nightshade	Up to 6 leaf stage		
Chickweed	Up to 4 leaf stage	Annual poa	Up to 2 tiller
Cleavers	2-3 whorls	Lesser canary grass	Up to 2 tiller
Cornbind	Up to 2 leaf stage	Ryegrass – annual	Up to 2 tiller
Fathen	Up to 4 leaf stage	- perennial	Up to 2 tiller
Field pansy	Up to 6 leaf stage		
Groundsel	Up to 4 leaf stage		



Hawksbeard	Up to 6 leaf stage	
Hedge mustard	Up to 6 leaf stage	
Plantain	Up to 6 leaf stage	
Rayless chamomile	Up to 8 leaf stage	
Shepherd's purse	Up to 8 leaf stage	
Sow thistle	Up to 8 leaf stage	
Speedwell	Up to 4 leaf stage	
Spurrey	Up to 4 leaf stage	
Storksbill	Up to 6 leaf stage	
Tares/Vetch	Up to 4 leaf stage	
Volunteer brassicas	Up to 6 leaf stage	
White clover	Up to 6 leaf stage	
Wireweed	Up to 6 leaf stage	

PLANT COMPATIBILITY:

Some leaf yellowing may occur on wheat plants after application of **Othello OD**. These symptoms if they occur, will usually disappear after 4-5 weeks.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHHOLDING PERIOD:

Grain: Do not apply after growth stage 30 (BBCH)

Grazing or cutting for feed: 28 days

CONDITIONS OF SUPPLY: READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

To the extent permitted by law Bayer does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. Bayer does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter.

To the extent only that Bayer is prevented by law from contracting out of the Consumer Guarantees Act, then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

Date of Manufacture:

Batch No:

Othello® OD is a registered trademark of the Bayer Group

Registered to:

Bayer New Zealand Limited
3 Argus Place, Hillcrest, Auckland 0627

Ph. 0800 428 246

EMERGENCY RESPONSE SERVICE (24 hrs) 0800 734 607



16-01-2019



A handwritten signature in blue ink, appearing to be 'Andrew Gimson', is written over the bottom portion of the red stamp.

16-01-2019