

Atlantis[®] OD selective herbicide



Atlantis OD provides effective control of the major grass weeds with exceptional crop safety in a single post-emergent spray.

Provides in most situations **90 – 100%** post-emergent control ("control") of:

✓ WILD OATS ✓ ANNUAL PHALARIS[†]

[†] *Phalaris paradoxa* only.

Provides in most situations **80 – 90%** post-emergent control ("suppression") of:

✓ BROME GRASS[^] ✓ BARLEY GRASS ✓ ANNUAL RYEGRASS

[^] *Great brome*.

PLANT BACKS

The recommended re-cropping intervals for Atlantis OD are quite conservative.

As an example, re-cropping trials used to develop the Atlantis OD label in faba beans and lentils found that sowing faba beans one season after applying Atlantis (at recommended rates) will not lead to any adverse crop effects.

ATLANTIS OD SELECTIVE HERBICIDE

	Atlantis OD	Crusader [®]
Annual Ryegrass	* or #	#
Wild Oats	* or #	#
Annual Phalaris	* or #	# [†]
Brome Grass	*	#
Barley Grass	*	No label claim
Broadleaf Weeds	No label claim	Limited weeds, majority requiring a tank-mix partner
Compatible with BLW Herb.	Various	Various

KEY	
>90% control	Orange
80–90% control	Brown
75–80% control	Yellow

* Includes the use of Hasten[®]
Includes the use of BS1000
† Crusader not restricted to annual phalaris

Control claims in the table above are referenced from the Bayer Atlantis OD and Hussar[®] OD technical guides, and for Crusader interpreted from the Dow AgroSciences Public Release document where it states this herbicide provides good (80–90%) control of wild oats, phalaris and brome grass, and suppression (generally 75–80% control) of ryegrass.

Re-cropping profiles for field peas at 153 days after application of Atlantis OD 330 mL/ha (in the middle; 10% maximum biomass reduction relative to untreated at left-hand side) compared to Crusadar 500 mL/ha (on the right; 15% maximum biomass reduction relative to untreated at far left).

Untreated field peas

Atlantis OD 330 mL/ha

Crusadar 500 mL/ha



Trial ID: 10SB05. Please refer to the respective product labels for specific application comments.

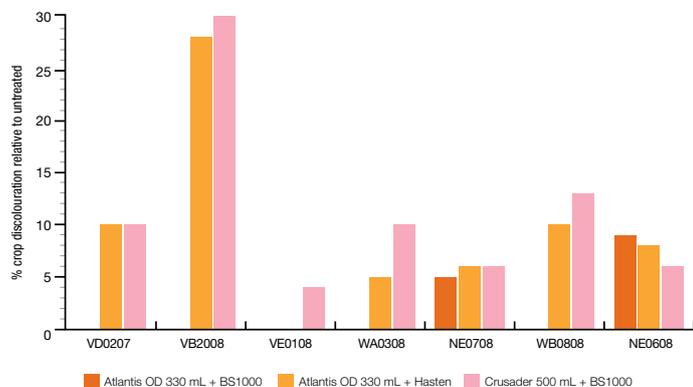
CROP SAFETY

Atlantis OD is safe to wheat##

In a series of seven bread wheat variety trials, Atlantis OD demonstrated excellent crop safety and in some instances caused less phytotoxicity than Crusader.

Crusader is not registered for use on durum wheat varieties.

Atlantis OD Crop Safety in Wheat



When used as directed.

TANK-MIXING ATLANTIS OD

Herbicides

When broadleaf weeds emerge in mixed infestations with the major grass weeds, all the products listed below can be used safely and effectively with Atlantis OD. These have been ranked in 2 groups according to the impact they have on the performance of Atlantis OD:

Preferred Partners

No or minimal reduction in grass weed control when used as recommended.

Product	Application rate
Precept®	Label rates
Lontrel®	Label rates
Velocity®	Maximum of 500 mL/ha

Major Weed Partners

No reduction in control of wild oats, annual ryegrass or annual phalaris; some impact likely on suppression of barley grass and brome grass.

Product	Application rate
Tigrex®	Maximum of 500 mL/ha
Buctril® MA	Maximum of 1.0 L/ha
MCPA LVE	Maximum of 500 mL/ha
Jaguar®*	Maximum of 500 mL/ha

* Grass weed control may be adversely affected and the level of chlorosis and slowed crop growth may be increased.

INSECTICIDES AND FUNGICIDES

Product	Application rate
dimethoate (400 g/L)	Up to 500 mL/ha
Fastac® Duo*	Label rates
Decis Options®*	Label rates
omethoate	Up to 200 mL/ha
Supracide® 400 EC*	Label rates
Imidan® 150 EC*	Label rates
Sonic® 200 EC*	Label rates

* Fastac, Decis Options, Supracide, Imidan and Sonic are physically compatible with Atlantis OD, but have not been tested for biological compatibility.

Product	Application rate
Prosaro® 420 SC#	Label rates
Folicur® 430 SC#	Label rates

These fungicides are physically compatible with Atlantis OD, but have not been tested for biological compatibility.

Zinc-based foliar fertilisers and chlorpyrifos-based formulations must not be mixed with Atlantis OD because unacceptable crop effects may occur.

INTEGRATED WEED MANAGEMENT (IWM)

As the effectiveness of Group A (ACCase inhibitors) herbicides on key grass weeds continues to decline, growers and their advisors are increasingly incorporating products such as Atlantis OD, a Group B (ALS inhibitors) herbicide, into their grass weed management program in an attempt to extend the useful life of these valuable groups of herbicides.

Even if there isn't a visually noticeable level of herbicide resistance, pre-emptive testing is valuable. It is much less expensive to spend a few hundred dollars on a resistance test rather than spending thousands of dollars on herbicides that are not working.

Bayer CropScience encourages more growers and their advisors to undertake herbicide resistance testing. Speak to your local Bayer territory sales manager for more information.

Disclaimer. Always read the label for full instructions. The information and recommendations set out in this brochure are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. No product referred to in this brochure must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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