





Atlantis[®] OD compatibilities.


- Atlantis OD Selective Herbicide does not have any registered claims for broadleaf weed control, so tank-mixes with specific broadleaf herbicides have been investigated to determine compatibility for control of mixed grass and broadleaf weed infestations.
- Atlantis OD has an extensive list of broadleaf herbicide and insecticide compatibilities which allow the flexibility to choose effective and economical tank-mix combinations.
- Mixtures of Atlantis OD with broadleaf herbicides may lead to a reduction in grassweed control or an increase in crop effects. These effects can be minimised by closely following all use recommendations and restrictions.
- The following tables summarise the grassweed efficacy and crop safety when tank-mixing broadleaf herbicides and insecticides with Atlantis OD.



HERBICIDE MIX PARTNERS	MIX PARTNER APPLICATION RATES	WILD OATS	ANNUAL PHALARIS	ANNUAL RYEGRASS	BROME GRASS	BARLEY GRASS
Lontrel [®]	Label rates					
Precept [®]	Label rates					
Tigrex [®]	Up to 500 mL/ha					
Jaguar [®]	Up to 500 mL/ha					
MCPA LVE	Up to 500 mL/ha					
Velocity [®]	Up to 670 mL/ha					
Hotshot [®]	Up to 500 mL/ha					

 Trials indicate no reduction in grassweed control or increased crop effects when used as recommended. Mixtures may be used with minimal loss of activity under good growing conditions, with all label recommendations followed.

 Trials indicated some reduction in grassweed control and/or increased crop effects at recommended rates, even under good growing conditions. Mixtures may result in reduced grassweed control and cannot be recommended unless such possible efficacy loss is accepted. Under stressed conditions results could be unacceptable.

 No data available



Biological compatibilities

MIX PARTNER	APPLICATION RATE	GENERAL NOTES/COMMENTS
Lontrel	Label rates	Atlantis OD may be mixed with Lontrel (both SL and SG formulation). Use surfactants as per label.
Tigrex	Up to 500 mL/ha	BS1000 at 0.25% must be used when mixing with Tigrex. Do not apply with a crop oil as excessive crop damage may occur. If spraying brome grass and barley grass, more reliable suppression will be obtained if Atlantis OD is applied alone and a recommended crop oil is used (followed by an application of Tigrex at least 7-10 days later).
Jaguar	Up to 500 mL/ha	Grassweed control may be adversely affected and the level of chlorosis and slowed crop growth may be increased. BS1000 at 0.25% must be used when mixing with Jaguar. Do not apply with a crop oil as excessive crop damage may occur. If spraying brome grass and barley grass, more reliable suppression will be obtained if Atlantis OD is applied alone and a recommended crop oil is used (followed by an application of Jaguar at least 7-10 days later).
MCPA LVE	Up to 500 mL/ha	Currently it is recommended that BS1000 at 0.25% is used when mixing with Buctril MA and MCPA LVE. Further work on the use of crop oil is being investigated. If spraying brome grass and barley grass, more reliable suppression will be obtained if Atlantis OD is applied alone and a recommended crop oil is used (followed by an application of MCPA LVE at least 7-10 days later).
Dimethoate (400 g/L)	Up to 500 mL/ha	Currently it is recommended that BS1000 at 0.25% is used when mixing with Dimethoate.
Zinc-based foliar fertilisers	Label rates	Must not be mixed with Atlantis OD as a loss of efficacy can occur.
Chlorpyrifos-based formulations	Label rates	Must not be mixed with Atlantis OD as unacceptable crop effects may occur.
Velocity	Up to 670 mL/ha	Atlantis OD may be mixed with Velocity. Use Hasten® 1% v/v.
Buctril® MA	Up to 1.0 L/ha	Atlantis OD may be mixed with Buctril MA herbicide. Use of BS 1000 at 0.25% v/v or a crop oil concentrate (see surfactant/wetting agent recommendations) at 1% v/v as recommended for the weeds being controlled.
Precept	Up to 1.0 L/ha	Atlantis OD may be mixed with Precept herbicide. Use crop oil concentrate as directed on the Precept label. Rates of Precept higher than 1.0 L/ha have not been evaluated. Before mixing Precept at rates higher than 1.0 L/ha consult Bayer CropScience.

Physical compatibilities

MIX PARTNER	APPLICATION RATE	GENERAL NOTES/COMMENTS
Fastac® Duo	Label rates	Physically compatible with Atlantis OD but has not been tested for biological compatibility.
Le-mat®	Up to 200 mL/ha	Physically compatible with Atlantis OD but has not been tested for biological compatibility.
Supracide® 400 EC	Label rates	Physically compatible with Atlantis OD but has not been tested for biological compatibility.
Imidan® 150 EC	Label rates	Physically compatible with Atlantis OD but has not been tested for biological compatibility.
Sonic® 200 EC	Label rates	Physically compatible with Atlantis OD but has not been tested for biological compatibility.
Triadimefon 125 EC	Label rates	Physically compatible with Atlantis OD but has not been tested for biological compatibility. Agitation required as two layers form on standing.

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. Any 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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