

PROTECT YOUR CROP

with a residual insecticide

BIFENTHRIN Ultra 300

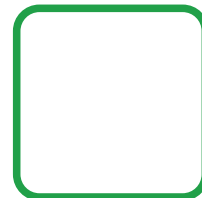
Spray before you get overrun

- Non – selective, broad spectrum insecticide / miticide
- Valuable residual properties
- High loading formulation
- Compatible with common fungicides and herbicides
- Quality assured in Australia



BIFENTHRIN

Ultra 300



MODE OF ACTION

Imtrade Bifenthrin Ultra 300 is a group 3A Insecticide that provides broad spectrum control over a number of insects and mites in a range of broad acre and horticultural crops. Its active, Bifenthrin (300g/L) is a Sodium Channel Modulator which causes damage to the nervous system of target pests. It works by binding to sodium channels that occur along the length of nerve cells keeping the channels open. This disrupts the normal function of the sodium channels resulting in hyperexcitation of the nerve cell, meaning multiple nerve impulses occur where only a single one was expected. This consequently leads to a loss of function of the nerve cell and on a larger scale the shutdown of the nervous system, resulting in the death of the pest^{(1) (2)}.

WHY IMTRADE BIFENTHRIN ULTRA 300

When used as directed, Imtrade Bifenthrin Ultra 300 provides quick and effective knockdown control of a broad range of pests. It can also be used as a preventative treatment when applied at regular intervals.

- **Broad Spectrum Control:** Imtrade Bifenthrin Ultra 300 provides effective knockdown and preventative control for a wide range of insects in both broad acre and horticultural crops. It is also a highly effective control for a number of mite species such as the Red-Legged earth mite, Blue Oat mite and Bryobia mite in cereal, oilseed and pulse crops and pastures.
- **High-Loading Active:** Imtrade Bifenthrin Ultra 300 has the highest loading (concentration) of Bifenthrin for broad acre and horticultural insect/mite control available on the market, it consists of 30% Bifenthrin with a customised solvent and surfactant blend making up the remainder. This translates to reduced handling, packaging and transport.
- **Residual Action:** Imtrade Bifenthrin Ultra 300 has low water solubility and is not easily lost to the environment. A single application will provide valuable residual control of up to 20 days for some crops and potentially treat multiple generations of the target pest. Imtrade Bifenthrin Ultra 300 is a non systemic insecticide and therefore thorough coverage is needed to ensure adequate residual control.
- **Compatibility:** Imtrade Bifenthrin Ultra 300 is compatible with commonly used fungicides such as Imtrade Mancozeb 750, Antracol, Imtrade Whack 720, the herbicides Imtrade Paraquat 250, Imtrade Flumestulam 800, Imtrade Amaze 700, Imtrade Simazine 900, Bouncer®, ChemAg Chlorsulfuron, Imtrade Mandate 750 and Imtrade Cyclone 330. This provides flexibility and efficiency in every spray.



USING IMTRADE BIFENTHRIN ULTRA 300

- **Read The Label:** Always read the label when considering Imtrade Bifenthrin Ultra 300 for your preventative and knockdown insecticide/miticide needs. Take due consideration to the PPE and OH&S requirements for its use.
- **Monitor The Crop:** Application timing is critical to maximise control and minimise potential harm to beneficial predators present in the crop. Imtrade Bifenthrin Ultra 300 should be applied before pest populations build up to damaging levels but not when mite or other insect predators or parasites are established and providing effective control (i.e. in an Integrated Pest Management program). Imtrade Bifenthrin Ultra 300 is dangerous to bees and should be applied when bees are not foraging.
- **Resistance Management:** Where possible, always consider rotating through multiple modes of action when routinely spraying crops for target pests. A well considered plan will aid in the management of insect resistance into the future and ensure insecticidal chemistries are efficacious for years to come.

(1) Insecticide Resistance Action Committee, April 2016, "IRAC Mode of Action Classification Scheme", Ver. 8.1, PP. 5-18.

(2) Queensland Government, Department of Primary Industries and Fisheries, 2005, "Agricultural Chemical Users Manual- guidelines and principles for responsible agricultural chemical use", PP. 114-121.

IMPORTANT For current application use instructions, always refer to the product label. COPYRIGHT Information contained herein remains the copyright of Imtrade CropScience and cannot be reproduced without the company's permission. © 2016

