

180mm deep

KEEP OUT OF REACH OF CHILDREN  
HARMFUL

# Ovation® 50WDG

**Insect growth regulator  
for the control of  
mealy bug, scales and  
whitefly.**

READ THIS LABEL COMPLETELY BEFORE MIXING OR APPLYING

Contains:  
500 g/kg buprofezin in the form of  
a water dispersible granule.

**Contents:  
1 kg (2x500g)**

Registered to:

Etec Crop Solutions Limited  
PO Box 51584, Pakuranga  
Auckland, New Zealand

**800 100 325**  
**www.etec.co.nz**



211mm wide

**HAZARD CLASSIFICATION**  
6.1E, 6.3B, 6.4A, 6.9B, 9.1D, 9.3C  
**APPROVED HANDLER** - Not required.  
**RECORD KEEPING** - Not required.  
**TOXICITY:**  
**MAY CAUSE SKIN AND EYE IRRITATION.** Avoid contact with eyes and skin.  
**MAY CAUSE ORGAN DAMAGE FROM REPEATED ORAL EXPOSURE AT HIGH DOSES.** Do not eat, drink or smoke while using. Remove protective clothing immediately after handling this product and wash hands and face before meals and after work.  
**ECOTOXICITY:** HARMFUL AQUATIC ORGANISMS. DO NOT contaminate an aquatic environment with chemical or empty container. DO NOT spray over or allow drift over, an aquatic environment. HARMFUL TO TERRESTRIAL VERTEBRATES.  
**HANDLING PRECAUTIONS:**  
**Equipment** - Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).  
Flush equipment thoroughly with clean water after use according to Cleaning Spray Equipment instructions below. Dispose of cleaning water according to the Disposal instructions below.  
**STORAGE** - Store in the original container tightly closed and in a locked, dry, cool, well ventilated area, well away from foodstuffs.  
Storage must be generally in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).  
When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.  
**PERSONAL PROTECTION** - When mixing or applying wear eye protection, chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, chemical resistant boots and cotton overalls buttoned to the neck and wrist.  
**SPILLS & DISPOSAL** - Do not touch or walk through spilled material. Wear the protective equipment recommended above. Stop further spill occurring and prevent entry into waterways and drains.  
**Small spills:**  
In case of spill on floor or paved surfaces sweep up and place in drums for disposal at a licensed local authority landfill. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the SDS regarding disposal.  
**Large spills:**  
Report large spills to Emergency Services at 0800 CHEMCALL (0800 243 622). Dispose of equipment cleaning water onto ground away from susceptible crops and plants.  
Dispose of the product only by using according to the label, or at an approved landfill.  
Do Not dispose of this product, spray mix or equipment cleaning water down drains or sewers.  
**TRANSPORT**  
Do not carry more than 3kg on a passenger service vehicle. Quantities of 3kg or less carried on a passenger service vehicle must be contained within sealed packaging.  
**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 splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.  
**EXCLUSION OF LIABILITY: PLEASE READ;** To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Etec Crop Solutions Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

**APPLICATION METHODS**

Ovation 50WDG can be applied using normal or concentrate spraying equipment. Flush equipment thoroughly with clean water after use.  
**High volume:** Apply as a wetting spray to point of run-off coverage.

**Concentrate:** Increase concentration of Ovation 50WDG in proportion to concentration, i.e. if water volume is halved, double the concentration of Ovation 50WDG in the spray tank.

**MIXING:**

Ovation 50WDG is a water dispersible granule formulation that goes into suspension in water when thoroughly wet. Do not pre-mix. Remove the filler strainer and add the required amount of Ovation 50WDG directly into the partly filled spray tank with agitation operating. Continue to agitate while filling and applying. When using in a tank mixture, add the tank mixing partners when the tank is almost full.

**DO NOT USE ON ANY ORNAMENTAL CROP INCLUDING THOSE GROWN FOR CUT FLOWERS, FOLIAGE AND NURSERY PLANTS.**

**COMPATIBILITY:**

Ovation 50WDG is compatible with most commonly used insecticides and fungicides. Do not mix with strongly alkaline materials such as Bordeaux mixtures or lime sulphur.

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards**

**WITHHOLDING PERIODS**

• Tomatoes, Cucurbits, peppers, egg plants:-	3 days.
• Tamarillo	7 days.
• Citrus:	14 days.
• Kiwifruit:	Do not apply after the first female flower buds have opened.
• Pipfruit:	Do not apply after pink.
• Grapes:	Do not apply after the start of flowering.
• Golden Queen peaches and persimmons:	Do not apply after the first flower buds have opened.

**DIRECTIONS FOR USE:**

**IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS**

**General Information:**

Ovation 50WDG is an insect growth regulator that interferes with the moulting process in the young developmental stages of mealy bug, scale and whitefly. Ovation 50WDG has no effect on adults. The action of Ovation 50WDG on pest populations is gradual, causing a decline in the population as each generation is affected. Ovation 50WDG is suitable for use in IPM programmes as it is safe to most predators and parasites. It is also safe to bees.

**Resistance prevention:**

Ovation 50WDG is from a unique chemical group, however overuse may stimulate resistance to develop in target populations. To minimise whitefly resistance, use no more than 3 applications per crop per season. Following early season use on Tamarillos, alternate with other whitefly materials. Ovation 50WDG may be alternated with, or mixed with conventional insecticides.

**Use Recommendations:**

Use 25g / 100 litres on all crops. Note recommended water rates for crops.  
The rate of 25g / 100 litres is for high volume application to the point of run-off. For concentrate application, adjust dilution rates accordingly.  
Applications in all crops should ensure that not less than 250g/ha are applied.

Crop	Pest	Remarks
Citrus	Scales	Apply in 2500 – 3000 litres of water /ha or more if required to obtain complete coverage. Treat when scale first appears and repeat 10 – 14 days later. Where populations persist, reapply at intervals not less than one month. For season long programmes, alternate Ovation 50WDG with other scale materials.
Golden Queen Peaches	Mealy Bug	Apply twice, 10-14 days apart, between bud movement and start of pink. On mature peaches apply 3000L/ha spray mix.
Grapes	Mealy Bug	Apply in a minimum of 1000 litres of water (250g /ha minimum dose rate). Apply the first spray in mixture with 1% spraying oil at the first sign of bud movement. Make a second application without oil 14-21 days later when shoots are 10 – 20 mm long. Do not apply after the start of flowering.
Kiwifruit	Greedy Scale & Oleander Scale	Apply in 2000 L/ha of water. Make one application between green tip and opening of the first female flowers. Where more than one preflower insecticide is required, use Ovation 50WDG for only one of these.
Persimmon	Mealy Bug	Apply two applications at 10 – 14 days between green tip and bloom. Use sufficient water to obtain complete plant coverage.
Pipfruit	Mealy Bug	Apply two applications at 10 – 14 days between green tip and the commencement of pink. Use sufficient water to obtain complete plant coverage.
Tamarillo	Whitefly	Apply after pruning and before fruit set. Re-apply at no less than 28 day intervals when white fly adults exceed 20 per leaf. Alternate with other whitefly materials to control adults.
Glasshouse Crops:- Cucumbers, eggplant, melons, peppers, pepino, tomatoes and zucchini	Whitefly	Apply as a drenching spray at the first appearance of whitefly and repeat if necessary at intervals of not less than one month. Apply no more than 2 applications of Ovation 50WDG per crop or season.

**24 Hour Emergency  
Response  
0800CHEM CALL  
0800 243 622**

Registered pursuant to the ACVM Act 1997, No P5861.  
See [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for registration conditions.  
Approved pursuant to HSN0 Act 1996, ERMA Approval Code HSR000452  
See [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for approval controls.

Batch No:   
Dom:

EL386



125mm wide

□ Dieline ■ PMS 876 ■ PMS 485 ■ PMS 369 ■ PMS 375 ■ Black