

ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

zelam

Sniper™

**Insecticide for Porina and Clover Flea
control in pasture and Sciarid
fly in Mushrooms**

I N S E C T I C I D E

NET CONTENTS: 5 LITRES

™ Trademark of Tapuae Partnership, NZ Registered pursuant to the ACVM Act 1997, No. P7270 See www.nzfsa.govt.nz/acvm for registration conditions.

ACTIVE INGREDIENT: Contains 250g/litre diflubenzuron in the form of a suspension concentrate.

WARNING: May cause eye irritation. May cause organ damages from prolonged oral exposure at high doses.

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 or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

PERSONAL PROTECTION: Avoid contact with skin or inhalation of spray mist. Gloves should be worn at all times. Wear eye protection when handling the concentrate. Ensure adequate ventilation when handling the concentrate. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. Do not eat, drink or smoke while using this product.

ECOTOXIC: Very toxic to aquatic organisms. Avoid contamination of any water supply with chemical or empty container.

STORAGE: Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children.

SHELF LIFE: 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.

DISPOSAL: For containers of 20 litres or less, rinse container until wash water is clear. Dispose of container at an approved landfill or other approved facility. Avoid contamination of any water supply with product or empty container.

MATERIAL SAFETY DATA SHEET: Additional information is listed in the MSDS available from Zelam Limited or www.zelam.com.

ERMA NEW ZEALAND: Additional information is available from the ERMA NZ website - www.ermanz.govt.nz. Approval Code: HSR000953

NOTICE TO BUYER: The manufacturer and vendors of **Sniper** warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

READ ENTIRE LABEL BEFORE USE. SHAKE OR STIR WELL BEFORE USE

Sniper shall only be used for application to pasture and with commercial mushroom operations.

CROP	PEST	DIRECTIONS FOR USE
Pasture	<i>Porina caterpillar</i>	Apply Sniper at 50ml/ha, 10-12 weeks after peak moth flight and apply while porina are at the late surface or early tunnelling stages and ideally to the caterpillars before they have grown to 20-25mm long. For peak moth flights in October-November, tunnels can be found in January-February. Where peak moth flights occur in January-March, tunnels appear between May-July. Ideally, sprays should be applied to short, dry, fresh pasture preferably in humid conditions following rain.
	<i>Clover flea</i>	Use 50ml and apply at first sign of clover flea. Applications are most effective in April to early May when nymphs emerge from resting eggs. This reduces the reproductive opportunity of subsequent winter generations.
Mushrooms	<i>Sciarid flies</i>	<i>Incorporation into compost:</i> Use 40ml/m ³ and thoroughly mix into the compost. Handling and mixing are assisted by mixing with dry sand in the ratio of 1 part Sniper to 10 parts of sand. <i>As a drench:</i> Use 4ml in 2.5 litres of water/m ² and apply immediately after casing.

WITHHOLDING PERIOD: Pasture 7 days.

MODE OF ACTION: **Sniper** is an insect growth regulator which must be eaten by insects to be effective as there is no contact action. Once ingested it interferes with chitin deposition in the skin of the insect. An insect feeding on **Sniper** is unable to rupture and remove its old skin and dies when it is due to moult. Treated larvae appear to act normally until moulting. Some plant damage is possible between treatment and death as the treatment is fairly slow. The younger and smaller the larvae at treatment, the shorter the period between moults, leading to a more rapid kill.

RAINFALL: Once dried on pasture **Sniper** is broken down only very slowly by rainfall or sunlight.

COMPATIBILITY: May be tank mixed with most commonly used insecticides, herbicides and fungicides.

APPLICATION: Calibrate equipment and apply to achieve full coverage of foliage. Apply 100-200 litres of water/ha. Do not use strainers finer than 300 microns. Maintain agitation during mixing and throughout spraying.

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