



Difuse[®] 25WP

Insect growth regulator for the control of porina caterpillar and clover flea in pastures and sciarid fly of mushrooms.

<u>Active Ingredient:</u>	250g/kg diflubenzuron
<u>Chemical Group:</u>	Substituted benzoyl phenyl urea
<u>Formulation:</u>	Wettable powder
<u>Pack Size:</u>	500g
<u>Compatibility:</u>	Difuse 25WP is compatible with most commonly used insecticides, herbicides and fungicides.

Difuse 25WP is an IGR which must be ingested to be effective. Once ingested, the porina caterpillar is unable to rupture and shed its old skin. It then dies when it is due to moult. Treated caterpillars can still feed until moulting – which can take weeks if the caterpillar is mature. The smaller the caterpillar, the shorter the interval between moults. It is therefore best to use Difuse 25WP early season against young caterpillars to achieve the quickest kill. Dead caterpillars tend to die in their burrows, so may not be seen on the surface. Difuse 25WP is best applied during the early tunneling stages of porina, before they are 25mm long, and before pasture damage is evident. This is around 12 weeks after peak moth flights, which occurs usually between February and April. Difuse 25WP is persistent on sprayed foliage for 2-3 weeks – which provides control of porina which feed irregularly over this period.



Difuse 25WP provides highly cost-effective control of porina in pasture...

- Low toxicity insect growth regulator (IGR) ✓
- Persistent activity ✓
- Highly cost-effective ✓
- Low use rates ✓
- Proven performance ✓

PRODUCT INFORMATION:

Difuse 25WP is an insect growth regulator which disrupts chitin deposition and prevents moulting of porina caterpillar and clover fleas of pasture and sciarid fly of mushroom.

DIRECTIONS FOR USE:

Crop	Pest	Use Rate	Remarks
Pasture	Porina caterpillar	50g/ha in 100-200 litres of water.	Applications should be directed against late surface or early tunnelling stages, ideally before the caterpillars have grown to 20-25mm long. Where peak moth flights occur during October-November, tunnels can be found in January-February. When flights occur in January-March, tunnels appear between May-July. Sprays should be applied to short, dry, fresh pasture, preferably following rain.
	Clover flea		Apply at first signs of the pest. Applications are most effective when applied in April to early May when nymphs emerge from resting eggs, to reduce the reproductive opportunity of subsequent generations in winter.
Mushrooms	Sciarid fly	40g per cubic metre incorporated into compost.	Handling is facilitated if Difuse 25WP is mixed with dry sand in the ratio of 1 part Difuse 25WP to 10 parts sand. Thorough mixing of the compost is essential.
		Or	
		4g in 2.5 litres of water per square metre as a drench	

Equipment:

Difuse 25WP is suitable for use in most agricultural sprayers. Do not use strainers finer than 300 microns. Calibrate equipment to give the desired application rate and full coverage of foliage.

Mixing:

Partly fill the spray tank, add the required amount of Difuse 25WP and top up with water. Agitate thoroughly before spraying. Agitate thoroughly after a stoppage and before recommencing spraying.

Compatibility:

Difuse 25WP is compatible with most commonly used insecticides, herbicides and fungicides.

Rainfall:

Do not apply if rain is likely within 6 hours following treatment. Once dried on pasture Difuse 25WP is broken down only very slowly by rainfall or sunlight.

Withholding Period:

Pasture – 7 days

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