

**HARMFUL, ECOTOXIC**  
**KEEP OUT OF REACH OF CHILDREN**



## **INSECTICIDE**

Contains: 200g/litre fipronil in the form of a suspension concentrate

**To control diamondback moth and white butterfly in vegetable brassicas, Kelly's citrus thrips in citrus, thrips in onions and mushroom flies in mushrooms**



**PLEASE READ THE ENTIRE LABEL BEFORE USE**

**HAZARD CLASSIFICATION: 6.1D, 6.4A, 6.9A, 9.1A, 9.3B, 9.4A**

**APPROVED HANDLER:** This product must be under the control of an approved handler when used in a widely dispersive manner. See MSDS for details.

**RECORD KEEPING:** Records of use must be kept. See MSDS for details.

**WARNING:** This product may be harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation. Avoid contact with eyes. May cause organ damage from repeated 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 spilt on the skin, remove contaminated clothing and wash affected areas of skin. DO NOT SCRUB THE SKIN. If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Seek medical attention.

**PERSONAL PROTECTION:** When handling, wear waterproof gloves, eye protection, overalls and boots. DO NOT eat, drink or smoke while using. Wash thoroughly after use and before eating.

**ECOTOXIC:** VERY TOXIC TO BEES, spray must not contact plants in flower if they are likely to be visited by bees. Very toxic to fish/aquatic organisms, avoid contamination of any stream or waterway with product or empty container. Toxic to birds.

**STORAGE:** Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children. Use spray solutions the same day.

**DISPOSAL:** Triple rinse containers and add the residue to the spray tank. Dispose of container in an approved landfill or Agrecovery depot. Avoid contamination of any waterway with product or empty container. Dispose of product only by using in accordance with this label or at an approved landfill.

**MATERIAL SAFETY DATA SHEET:** Additional information is listed in the MSDS available from Zelam Limited or [www.zelam.com](http://www.zelam.com).

Approved pursuant to the HSNO Act 1996, No: HSR000831. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

Registered pursuant to the ACVM Act 1997, No: P008004. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

**DIRECTIONS FOR USE:**

It is an offence to use this product on animals.

CROP	INSECT PEST	RATE	CRITICAL COMMENTS
Vegetable brassicas	Diamondback moth and white butterfly	120 ml in 500 litres of water per hectare	Treatments should commence in response to scouting thresholds and be repeated at 7-10 day intervals depending on insect pressure and weather conditions. Use a suitable wetter. Spray to achieve even coverage to the point of run-off.
Citrus	Kelly's citrus thrips	10 ml/100 litres of water	Use as a high volume spray and spray to the point of run-off. Apply at the end of the flowering period and repeat at 14 day intervals for the 6-8 week period following flowering. Do not apply to trees in flower if they are likely to be visited by bees.
Cultivated mushrooms	Mushroom flies (sciarids, cecids & phorids)	16 ml per 300 litre bale of peat moss	Incorporate thoroughly during the preparation of casing. Mixing: Add the correct volume of Kalas to the water to be used in preparation of casing and mix well. Apply mixture to peat moss and ensure thorough mixing.
Onions	Thrips	150 to 200 ml in approximately 500 litres water per hectare	Use a suitable surfactant. Spray to achieve even coverage to the point of run-off. Treatments should commence in response to scouting thresholds and be repeated at 7-10 day intervals depending on thrips numbers and weather conditions, as a cluster of 3 or 4 sequential sprays.

**MIXING:** Shake container well before use. Add the required quantity of KALAS to a half filled spray tank of clean water, top up with water, add an adjuvant where recommended, and mix thoroughly before use.

**COMPATIBILITY:** KALAS may be tank mixed with most commonly used fungicides, insecticides, surfactants and foliar fertilisers.

**RESISTANCE MANAGEMENT:** **GROUP 2 INSECTICIDE** Kalas contains an insecticide with the GABA-gated chloride channel antagonist mode of action. Individual members of a pest population could be resistant to Kalas due to natural genetic variation. To minimise the risk of resistant insects dominating the population do not apply more than 4 times in any one season and use products containing insecticides from a different mode of action group at other times. Follow the published crop specific resistance management strategies. See [www.nzpps.org](http://www.nzpps.org) for further information.

**It is an offence for the users of this product to cause residues exceeding the relevant MRL in the NZ (Maximum Residues of Agricultural Compounds) Food Standard.**

**WITHHOLDING PERIODS:** Vegetable brassicas - 7 days. Mushrooms - 14 days. Onions - 3 days. Citrus - 42 days. Ensure the withholding period is strictly adhered to, especially in multi-flowering crops such as lemons.

**NOTICE TO BUYER:** The manufacturer and vendors of KALAS warrant the formulation to contain the specified active ingredients 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.

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