

An EnviroMax®
Solution for Difficult
Turf & Crop
Insect Problems



EnviroMax® Fipronil 200SC Insecticide



High Quality HDPE Packs
International Standard in Non-Repellent
Water-Based Insecticides.

• Produced by Professionals for Professionals.

COMPETITIVE BENEFITS

- Superior Suspension Concentrate Formulation.
- No Odour.
- Significantly Reduced Sedimentation and Blocked Nozzles.
- Improved Application of Fipronil Active.
- Consistent Quality is Our Guarantee.
- Uniform Micron-Sized Fipronil Particles – Increased Insect Contact and Efficacy.
- Acute and Chronic Effects on Target Insects.
- Targeted Applications Result in Less Labour due to Transmission Effects on Insects.
- Re-entry Period - once spray has dried.

APVMA Approval Number: 65313

• Give Your Business the EnviroMax® Advantage!
• Quality at a Competitive Price

Protect Your Turf and Crops with Australia's Most Cost-Effective Fipronil Formulation

Application Situations

CROP	PEST	RATE	CRITICAL COMMENTS
Turf (including bowling greens, golf courses, parks and playing fields), commercial turf farms.	Argentine stem weevil (<i>Listronotus bonariensis</i>)	375 mL /ha	Apply spray mix evenly to the surface at the first signs of pest activity. Ensure incorporation with at least 6mm of rainfall or overhead irrigation immediately after application.
	Mole cricket (<i>Scapteriscus didactylus</i> and <i>Gryllotalpa</i> spp.)	150 mL /ha	
Bananas	Banana rust thrips (<i>Chaetanaphothrips signipennis</i>)	Butt application All planting configurations: 150mL/100L water (0.75mL/stool) Band application All planting configurations: 40mL/100m ² treated area (See table under 'General Instructions – Application' for the calculation of the treated area)	Dangerous to bees. Refer to PROTECTION OF LIVESTOCK Timing: Application should ideally be made at least two months prior to bunch emergence to reduce early thrips pressure. Such an application could coincide with an application for banana weevil borer control (see label directions below). Butt application: Apply in a coarse spray covering the stem to a height of 30cm and the soil/trash in a 30cm radius from the stem base. Apply a total volume of 500mL solution per stool. Ensure thorough coverage of butt, suckers, trash and exposed soil. Band application: Apply in in band along each row. The band width should be such that at least 30cm of soil/trash is treated on both sides of the butt. Apply with a side delivery boom and offset nozzles directed to spray at least 30cm of soil on either side of the butt and to a height of 30cm up the stems. Repeat the application from the opposite side of the row. Half of the spray volume required to treat each row should be applied from each direction of spraying. For double row configurations, treat both rows with each pass, ensuring the ground area between the two rows is also treated. Ensure thorough coverage of butt, suckers, trash and exposed soil. Apply in a minimum water volume of 13L/100m ² (trash removed) or 26L/100m ² (trash retained). See table under 'General Instructions – Application' for guidance.
	Banana weevil borer (<i>Cosmopolites sordidus</i>)	Butt application All planting configurations: 150mL/100L water (0.75mL/stool)	Apply butt application as described above for banana rust thrip. Population assessment Lay baits (cut billets of stem base) flat on soil beside stools and cover with leaf material. Check baits after 3 days to assess pest activity. Monitoring should commence in September when pest activity increases and continue until April. Applications method Applications should be made in Spring and/or Autumn when weevil numbers reach or exceed acceptable threshold levels. Remove any green trash from area to be treated. Avoid application to trash which is less than 3 weeks old. This use is subject to an CropLife Resistance Management Strategy. Refer to your [®] EnviroMax representative for details.
Brassicas (Head cabbage, cauliflower, broccoli, Brussels sprout, kohlrabi)	Diamondback moth (<i>Plutella xylostella</i>), Cabbage White Butterfly (<i>Pieris rapae</i>), Cabbage Cluster Caterpillar (<i>Crociodomia pavonana</i>)	250mL/ha	Dangerous to bees. Refer to PROTECTION OF LIVESTOCK. Diamondback moth can rapidly become resistant to insecticides. To preserve the effectiveness of [®] EnviroMax Fipronil 200SC Insecticide, limit the number of applications to no more than 4 per year, preferably applied within an 8 week period. Use spray volume of between 400 and 1000L/ha according to crop size. Use a non-ionic wetting agent at the rate specified by the manufacturer for use in horticultural crops. Ensure that the rate of wetting agent used results in efficient spray coverage of the leaf surface. This use is subject to an CropLife Resistance Management Strategy. Refer to [®] EnviroMax Technologies Pty Ltd representative for details.
Cotton	Cotton Thrips (<i>Thrips tabaci</i>)	62.5 to 125mL/ha	Apply at the first sign of the pest. [®] EnviroMax Fipronil 200SC Insecticide will take 3-4 days to reach full effectiveness. Use the higher rate in situations of high thrips pressure.
	Green mirid (<i>Creontiades dilutus</i>)		Apply spray to achieve thorough coverage of foliage when pest first appears and repeat as required. Use the higher rate under sustained heavy Green Mirid pressure. The product is compatible with early season IPM with the lower rate having less impact on beneficials.
Potatoes	Wireworm (<i>various</i>), Mole Cricket (<i>various</i>)	250mL/ha	Apply as a broadcast spray to the surface of the soil and incorporate to a depth of 15 cm prior to planting.
	Whitefringed Weevil (<i>Naupactus leucoloma</i>)	500mL/ha	
Wine grapevines	Fig Longicorn (<i>Acalolepta vastator</i>)	100mL/100L	Apply as a single spray to dormant vines following pruning and prior to budburst. Apply only as a high volume spray using hand held equipment. Thorough coverage of vine trunks and cordons is essential for effective control. Refer to Application Wine Grapevines
Pasture, Sorghum	Australian Plague Locust (<i>Chortolcetes terminifera</i>), Spur throated Locust (<i>Austracris guttulosa</i>), Migratory Locust (<i>Locusta migratoria</i>), Wingless Grasshopper (<i>Phaulacridium vittatum</i>)	6.25mL/ha	Apply diluted with water to a minimum of 20L/ha by air or 50L/ha by ground rig, directly onto locusts. Ensure thorough coverage of foliage. Residual control of these pests provided by [®] EnviroMax Fipronil 200SC Insecticide will vary with conditions. Rainfall will significantly reduce residual control. Residual control will also be reduced when applied directly to bare earth. Where inaccessibility prevents direct spraying of locusts apply as a barrier treatment (minimum 25m wide) ahead of advancing hopper bands. DO NOT re-treat for 14 days following application. DO NOT apply [®] EnviroMax Fipronil 200SC Insecticide to wet foliage. [®] EnviroMax Fipronil 200SC Insecticide is rainfast after drying on foliage (1 hour). Re-spray only if rain falls before spray is dry on crop. Mortality will increase to a maximum over a period of 3-15 days after spraying. Speed of kill varies with locust species, temperature and age of adults. Fully mature, adult spur throated locusts may show symptoms of debilitation 4-48 hours after spraying but in cool weather may take up to 14 days to die. Feeding ceases when debilitation symptoms appear. See also General instructions
Sugarcane	Sugarcane Weevil Borer (<i>Rhadoscelus obscurus</i>)	2 to 5.7mL /100m row	Dangerous to bees. Refer to PROTECTION OF LIVESTOCK. Apply during the summer months of December to February when the crop has produced the first millable internode of cane. Use hollow cone nozzles as a directed spray to cover the base of the sugarcane stools and up the stalk to a height of 40 cm. Treat both sides of the stools ensuring coverage of all stalks, soil and trash in an area to 10 cm either side of the stools. Use a non-ionic wetting agent at the rate specified by the manufacturer. Ensure that the rate of wetting agent used results in efficient spray coverage of the stalk, soil and trash surface. Apply in a minimum water volume of 250L/ha (approx 3.8L/100m row). Use the higher rate when pest pressure is heavy.
	Sugarcane wireworm (various)	Single row plantings: 1.1mL/100m single row length Double row plantings: 1.8mL/100m double row length.	Apply in the planting furrow over the top of plant pieces (setts) in sufficient water to ensure coverage of the plant pieces and the surrounding soil.

Note: This table is for reference only. When using EnviroMax[®] Fipronil 200SC Insecticide refer to the registered label.

Active Constituent: Fipronil 200g/L or 20% W/V.

Inert ingredients: Suspending agents and water approximately 80%.

Formulation Type: Aqueous Suspension Concentrate (SC).

Pesticide Group: Phenylpyrazole insecticide.

Insecticide Mode of Action: Fipronil is toxic to insects by contact or ingestion. Fipronil blocks GABA-gated chloride channels in the central nervous system. Disruption of the GABA receptors by fipronil prevents the uptake of chloride ions resulting in excess neuronal stimulation and death of the target insect.

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