

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Imidacloprid 350SC

Soil Insecticide

ACTIVE CONSTITUENT: 350 g/L IMIDACLOPRID

GROUP

4A

INSECTICIDE

A soil applied treatment for the control of Greyback and Childers Canegrub in sugarcane and Silverleaf Whitefly in various vegetable crops as specified in the Directions for Use Table

IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS PRODUCT

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**1L, 5L, 10L, 20L, 100L,
110L, 200L, 1000L**

DIRECTIONS FOR USE

Restraints

DO NOT use on crops produced hydroponically or in glasshouses and other covered situations.

DO NOT apply SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE or any other Group 4A Insecticide as a foliar spray after soil application of SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE in that crop.

DO NOT apply more than one application of SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE per crop for vegetable, per ratoon crop for sugarcane.

Crop	Insect	Rate	Critical Comments
Sugarcane (Ratoon cane only)	Greyback canegrub	16-22mL per 100 metres of cane row (equivalent to 1.05 - 1.44 L/ha for single row cane with 1.52m spacing between rows)	Apply from September to November to fields, which are at high risk of Greyback grub damage. In areas where early flights of beetles occur, application should be early within this period. Late applications where large 3 rd instar larvae dominate the grub population will not be as effective. Application should be made while stools are small enough to avoid excessive damage. Use the high rate when high grub populations are expected; e.g. an average greater than 4 grubs per stool. Apply only as a subsurface soil application behind coulters (refer to Application directions under General Instructions). Soil should have moisture at coulters depth at the time of application or should receive at least 15mm of rainfall or irrigation within 1 week. DO NOT leave SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE exposed to sunlight. After application ensure the SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE treated band is covered by at least 100mm of soil and that coulters slits are filled in completely. DO NOT apply more than once per season.
	Childers canegrub	11-16mL per 100 metres of cane row (equivalent to 0.72 - 1.05 L/ha for single row cane with 1.52m spacing between rows)	Apply from September to November. Check for the presence of grubs from September onwards. Apply SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE when grub numbers reach an economic threshold (about 3 grubs per stool). Use the high rate when grub populations are high, e.g. an average greater than 5 grubs per stool or if application is late (damage already visible). Apply only as a subsurface soil application behind coulters (refer to Application directions under General Instructions). Soil should have moisture at coulters depth at the time of application or should receive at least 15mm of rainfall or irrigation within 1 week. DO NOT leave SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE exposed to sunlight. After application ensure the SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE treated band is covered by at least 100mm of soil and that coulters slits are filled in completely. DO NOT apply more than once per season.
Capsicums, cucurbits, eggplant sweet potato, tomatoes	Silverleaf Whitefly, including type B	14mL/100 metres of row	Sub-surface trickle irrigation injection. Apply once only 5 - 7 days after planting (or 5-7 days from seed emergence if planted from seed). Begin injection only after water has reached the furthest drip points and soil is partially wetted up. After SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE injection is completed, continue irrigation only until lines are flushed, not longer than 1 hour. DO NOT apply SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE using surface trickle irrigation or any other type of above ground irrigation system. Subsequent irrigations should occur only when soil moisture measurements indicate the need for addition of water. Do not over irrigate or cause runoff. In situations where root development in the crop is slow, evidence of control may be delayed.
		14mL/100 metres of row (Mix with water, using at least 2 litres of spray mixture per 100m row)	Furrow spray pre-plant. Apply to open furrow not earlier than 5 days prior to planting as a narrow band of spray centred under the plant row. Do not leave SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE exposed to sunlight. Sprayed soil should be covered immediately. After final shaping of the planting bed, the treated layer of soil should be approximately 100mm below the soil surface. At planting, steps should be taken to ensure workers do not contact treated soil.
Capsicums, eggplant, tomatoes	Silverleaf Whitefly, including type B	14mL/100 metres of row (Mix with sufficient water, to allow a constant volume of at least 50mL of drench mixture per plant)	Plant hole drench. DO NOT apply SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE by this method where plant spacing along the row exceeds 60cm. Apply the selected volume of drench mixture in the planting hole at planting or within 2 days after planting. Steps should be taken to ensure workers do not contact treated soil or drench mixture.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL
UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

WITHHOLDING PERIODS

HARVEST:

NOT REQUIRED WHEN USED AS DIRECTED

GRAZING SUGARCANE:

**DO NOT GRAZE OR CUT FOR STOCKFEED FOR 21 WEEKS AFTER
APPLICATION**

GENERAL INSTRUCTIONS

GROUP **4A** INSECTICIDE

INSECTICIDE RESISTANCE WARNING

For insect resistance management SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE is a Group 4A Insecticide.

Some naturally occurring insect biotypes resistant to SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE and other group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE or other Group 4A insecticides are used repeatedly. The effectiveness of SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Sabakem Pty Ltd accepts no liability for any losses that may result from the failure of SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE to control resistant insects. SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE may be subject to specific resistance management strategies. For further information contact your local supplier, Sabakem® representative or local agricultural department agronomist.

INSECTICIDE RESISTANCE MANAGEMENT STRATEGY (VEGETABLES)

Do not apply more than one soil application of SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE to each crop. Do not use SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE or any other Group 4A Insecticide as a foliar spray after soil application of SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE in that crop. Refer to district advice for local Silverleaf Whitefly resistance management strategies.

Export of Treated Produce

Growers should note that MRLs or import tolerances do not exist in all markets for edible produce treated with SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE. If you are growing edible produce for export, please check with Sabakem Pty Ltd for the latest information on MRLs and import tolerances before using SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE.

NOTE FOR VEGETABLE CROPS

Potential migration of Silverleaf Whitefly from neighbouring crops.

Adult Silverleaf Whitefly (SLWF) are controlled when they ingest a lethal dose of active ingredient by feeding on a SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE treated crop. However, in some very susceptible crops and varieties, the first migration of large populations of adults from adjacent fields may result in significant feeding damage to the crop, although further reproduction and development of the pest will be prevented. To help prevent such damage it is important to minimise the migration of adult SLWF into a treated crop, e.g. by applying a 'clean-up' fast-acting insecticide to recently harvested crops. Consideration of factors such as planting sequences and timing, wind direction, variety selection, and general crop hygiene should also be integral to SLWF management. Crops should be monitored for SLWF adult numbers after application of Sabakem® Imidacloprid 350SC Soil Insecticide, and appropriate fast acting insecticides for control of adults should be applied if economic thresholds are reached or excessive adult feeding damage is observed.

MIXING

Prior to pouring, shake container vigorously, then add the required amount of SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE to water in the tank while stirring or with agitators in motion. SABAKEM® IMIDACLOPRID 350SC SOIL INSECTICIDE requires constant agitation in the tank.

Application - Sugarcane

Apply only as a subsurface soil application. Apply in no less than 1.5 litres of water per 100 metres of cane row (equivalent to no less than 100L/ha of water for single row cane with 1.52m spacing between rows).

Greyback Canegrub

Twin coulter method: Apply subsurface behind twin coulters to a depth of 100-125 mm. Coulters should be spaced 220-500mm apart, with one coulter on either side of the centre of the stool. Coulter slits should be in the sides or top of the stool mound rather than at the base. Narrow spacings may not be possible with advanced ratoon growth. DO NOT apply using narrow spacings if ratoon growth is advanced such that excessive crop damage from equipment may result.

Single coulter method ('stool split'): Apply subsurface behind a single coulter in the centre of the stool. DO NOT apply using this method if ratoon growth is advanced such that excessive crop damage from equipment may result. This method is not suitable for all areas. Before using this method, consult your local SABAKEM representative.

Childers Canegrub

Twin coulter method: Apply subsurface behind twin coulters to a depth of 100-125mm. Coulters should be spaced 220-350mm apart, with one coulter on either side of the centre of the stool.

Application - Vegetables

Refer to instructions in Critical Comments for each application method.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways and drains with this chemical or used containers. Imidacloprid is toxic to certain aquatic species. Application should be planned to avoid run-off within 48 hours of application. Application should not be made to wet/waterlogged soils.

Application is not to be performed if heavy rains are expected to occur within 48 hours.

Irrigation run-off from treated areas should be prevented from entering drains and waterways.

Sugarcane: Irrigation should not occur within 48 hours of application. Vegetables (furrow spray pre-plant and plant hole drench applications): Irrigation within 48 hours of application should be minimal, and sufficient to reduce seedling stress only.

STORAGE & DISPOSAL

Store in the closed, original containers in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycle or designated collection point.

If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in accordance with relevant Local, State or Territory government regulations. Do not burn empty containers or product.

SAFETY DIRECTIONS

Harmful if swallowed. Repeated exposure may cause allergic disorders. Wash hands after use. When preparing product for use, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and faceshield. After each day's use wash gloves, faceshield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS), which is available from the supplier.

CONDITIONS OF SALE

The use of this product is beyond the control of Sabakem Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Sabakem Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Sabakem Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

**For specialist advice in an emergency dial
1 800 638 556
24 hours Australia wide.**