

DANGEROUS POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



ACTIVE CONSTITUENT: 100 g/kg CADUSAFOS
(an anticholinesterase compound)

For the control of nematodes in bananas, citrus, ginger, sugar cane, tobacco and tomatoes, banana weevil borer in bananas and southern one year canegrubs in sugar cane as specified the DIRECTIONS FOR USE table.

DIRECTIONS FOR USE**RESTRAINTS:**

HIGHLY TOXIC TO BIRDS AND AQUATIC ORGANISMS - INCORPORATION AND/OR IRRIGATION ACCORDING TO LABEL DIRECTIONS IS VITAL IN ORDER TO REDUCE EXPOSURE.

FOR BANANAS WHERE INCORPORATION OR IRRIGATION IS NOT FEASIBLE THE REMOVED TRASH SHOULD BE RETURNED IMMEDIATELY AFTER APPLICATION.

Crop	Pest	State	Rate of Application	Withholding Period	Critical Comments
Bananas	Burrowing nematode (<i>Radopholus similis</i>) Root-knot nematode (<i>Meloidogyne spp.</i>) Spiral nematode (<i>Helicotylenchus dihystera</i>)	NSW & WA only	Hand application: 20 g/stool three times a year OR 30 g/stool twice a year. Mechanical application: Single row: 1.3 kg/100 m row three times a year OR 2 kg/100m row twice a year. Double row: 2.6 kg/100 m double row three times a year OR 4 kg/100m double row twice a year.	14 days	Hand application: Remove trash from base of stool and apply granules evenly to the soil surface in the area covered by a 30 cm radius around each stool. For best results apply just prior to irrigation or rainfall. Mechanical application: Single row: Treat a 0.6 m band on each side of the centre of the row. Double row: Treat a 1.25 m band on each side of the centre of the two rows.
Bananas	Burrowing nematode (<i>Radopholus similis</i>)	Qld only	Hand application: 20 g/stool three times a year Mechanical application: Single row: 1.3 kg/100 m row three times a year Double row: 2.6 kg/100 m double row three times a year	14 days	Hand application: Remove trash from base of stool and apply granules evenly to the soil surface in the area covered by a 30 cm radius around each stool. For best results apply just prior to irrigation or rainfall. Mechanical application: Single row: Treat a 0.6 m band on each side of the centre of the row. Double row: Treat a 1.25 m band on each side of the centre of the two rows.
Bananas	Banana weevil borer (<i>Cosmopolites sordidus</i>)	QLD only (not in NSW)	Hand application: 30 g/stool three times a year Mechanical application: Single row: 2 kg/100 m row three times a year Double row: 4 kg/100 m double row three times a year	14 days	Hand application: Remove trash from base of stool and apply granules evenly to the soil surface in the area covered by a 30 cm radius around each stool. For best results apply just prior to irrigation or rainfall. Mechanical application: Single row: Treat a 0.6 m band on each side of the centre of the row. Double row: Treat a 1.25 m band on each side of the centre of the two rows.
Citrus	Citrus nematode (<i>Tylenchulus semipenetrans</i>) Stubby root nematode (<i>Paratrichodorus lobatus</i>)	All States	Hand application: 15 g/m ² applied three times 2 months apart OR 25 g/m ² applied twice 2 months apart Mechanical application: 3 kg*/100m row applied three times 2 months apart OR 5 kg*/100m row* applied twice 2 months apart. * Based on a 2m treated row band (1m band on each side of the trunk row). Adjust the rate/100m row in proportion to the band width treated.	-	Remove heavy leaf litter or mulch from the soil surface under the canopy of the citrus trees prior to each application. Apply granules evenly to the soil surface at the selected rate from the trunk to just outside the dripline of each tree or in the case of mechanical application in an even band from the centre of the row to just outside the tree row dripline. Apply 25 to 50mm of overhead or overlapping under tree spray irrigation as soon as possible after each application. Monitor nematode populations after 12 months following the last application of treatments and retreat after nematodes reach economic thresholds
Ginger	Root-knot nematode (<i>Meloidogyne spp.</i>)	Qld only	Early harvest crop: 100 kg/ha pre-plant Late harvest crop: 100 kg/ha pre-plant + 100 kg/ha mid season + 100 kg/ha late season	-	Pre-plant: Apply granules evenly across planting-bed and thoroughly incorporate with a rotary hoe to a depth of 10-15 cm. Mid/Late season: Apply granules across bed and thoroughly incorporate using 25 mm of spray irrigation.
Sugar cane	Root-knot nematode (<i>Meloidogyne spp.</i>) Root-lesion nematode (<i>Pratylenchus zeae</i>) Spiral nematode (<i>Helicotylenchus dihystera</i>) Stubby-root nematode (<i>Paratrichodorus minor</i>)	Qld only	40 kg/ha (600 g/100m of row)	-	Apply granules in a band 30-40 cm wide over the centre of the row to plant-cane at early tillering and incorporate to a depth of 3-5 cm with finger rakes. Apply before rain or irrigate with 25 mm immediately afterwards.
	Negatoria canegrub (<i>Lepidota negatoria</i>) Southern one-year canegrub (<i>Antitrogus consanguineus</i>)		20 kg/ha or (300g/100m row)		Application Method and Timing Apply granules when grubs first appear in the stool within 15 cm of the soil surface. Band Application (Sandy soils without surface trash) Apply in a 30-40 cm band centred on the row and incorporate with finger rakes to a depth of 3-5 cm. Apply before rain or apply 25 mm of spray irrigation within 48 hours of application. Coultter Application Apply the granules in 2 narrow bands through delivery tubes at the rear of paired coultter discs 20-25 cm apart, one on each side of the stool. The granules should be placed 10 cm below the soil surface. Apply before rain or apply 25 mm of spray or furrow irrigation within 48 hours of application.
	Childers canegrub (<i>Antitrogus parvulus</i>)		20-25 kg/ha or (300-375g/100m row)		Application Method and Timing Apply granules when grubs first appear in the stool within 15 cm of the soil surface. Use the higher rate where heavy infestations (more than 5 grubs/stool) occur. Coultter Application Apply the granules in 2 narrow bands through delivery tubes at the rear of paired coultter discs 20-25 cm apart one on each side of the stool. The granules should be placed 10 cm below the soil surface. Apply before rain or apply 25 mm of spray or furrow irrigation within 48 hours of application.
Tobacco (Field only)	Root-knot nematode (<i>Meloidogyne spp.</i>)	Qld, NSW & Vic only	60 kg/ha	-	Broadcast granules and thoroughly incorporate using a rotary hoe to a depth of 10 - 15 cm before bed formation.
Tomatoes (Transplanted Only)	Root-knot nematode (<i>Meloidogyne spp.</i>)	Qld only	100 kg/ha (10 g/m ² of treated band)	-	Apply pre-transplant in a 60 cm band over the centre of the planting-bed and thoroughly incorporate using a rotary hoe to a depth of 10 - 15 cm. Inadequate soil incorporation may cause crop damage.

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

WITHHOLDING PERIODS:

Bananas: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

Citrus, Ginger, Sugar cane, Tobacco and Tomatoes: NOT REQUIRED WHEN USED AS DIRECTED.

Citrus: DO NOT GRAZE TREATED AREA, DO NOT CUT FOR STOCK FOOD

GENERAL INSTRUCTIONS

Even distribution of the granules is essential for effective control.

Re-entry

Do not allow entry into treated areas until the treated areas have been fully irrigated as per the directions for use. When prior entry is necessary, wear impervious footwear and chemical resistant gloves. Footwear and gloves must be rinsed after each day's use.

PROTECTION OF LIVESTOCK

Remove domestic animals from the operating area while granules remain on the soil surface.

PROTECTION OF WILDLIFE, FISH CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms. DO NOT allow irrigation water applied immediately after application to runoff the orchard into creeks or dams. Do NOT contaminate dams, rivers or streams with this product or used container. Do NOT leave spilled granules unattended or on the soil surface. Keep unprotected persons, animals and other wildlife away from spilled granules. Where possible recover and re-use or dispose of spilled granules.

Highly toxic to birds - incorporation by irrigation according to the label directions is vital in order to reduce exposure. Ensure that all spilled granules are thoroughly covered and/or buried and not accessible to birds, domestic animals and other wildlife.

STORAGE AND DISPOSAL

Do NOT store near (or allow to contact) fertilisers, fungicides or pesticides. Store in the closed, original container in a well ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feed stuffs, seed and fertilisers.

Dispose of unwanted waste product by burying under 500 mm or more of soil in a non-crop, non-pasture away from water sources or homes.

Do NOT re-use empty containers. Destroy empty containers by crushing and puncturing them. Dispose of the empty containers at a local authority landfill that does not burn its refuse. If there is no local authority landfill readily available, bury the containers at a depth of 500 mm or more at a licensed/approved disposal site. Do not burn empty containers or product.

SAFETY DIRECTIONS

Very dangerous. Product is poisonous if absorbed by skin contact inhaled or swallowed. Repeated minor exposure may have a cumulative poisoning effect. Will irritate the eyes. Avoid contact with eyes and skin. Obtain an emergency supply of atropine tablets 0.6 mg. When using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, elbow-length PVC gloves, impervious footwear and if dust is present wear half-face respirator with dust cartridge or canister. If product on skin, immediately wash area with soap and water. If product in eyes, wash out immediately with water.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, respirator or face-piece (if rubber, wash with detergent and warm water) and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. (Phone Australia 13 11 26.) Give one atropine tablet every 5 minutes until dryness of the mouth occurs. If poisoned by skin absorption or through lungs, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

MATERIAL SAFETY DATA SHEET

For further information on Rugby 100G Insecticide refer to the Material Safety Data Sheet (MSDS) which is available from the supplier or from fmc-crop.com.au.

WARRANTY

FMC Crop Protection makes no warranty expressed or implied, concerning the use of this product other than that indicated in the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

APVMA Approval No.: 45834/58581

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UN 2783	PESTICIDES, ORGANOPHOSPHORUS, SOLID, TOXIC* (10% CADUSAFOS)
IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE	FOR ADVICE IN EMERGENCY ONLY CALL 1800 033 111 ALL HOURS – AUSTRALIA WIDE
PG II	HAZCHEM CODE 2WE

BN:
DOM:



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Net Contents **15 kg**