



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



eco-nemguard™ G

ORGANIC* GRANULAR NEMATICIDE

ACTIVE CONSTITUENT: 450 g/kg GARLIC EXTRACT
CONTAINING A MINIMUM 9 g/kg TOTAL POLYSULFIDES

For the suppression of nematodes
(living freely in the soil) and nematode
damage to vegetable crops and turf



RESTRAINTS:

- DO NOT allow granules to stand overnight in the application hopper.
- DO NOT use on soil with high silt content.
- DO NOT allow the granules to become wet or damp before or during application.
- DO NOT apply product to crops through broadcast granule spreading equipment.

DIRECTIONS FOR USE (All states):

CROP	DISEASE	RATE (kg/ha)	CRITICAL COMMENTS
All vegetables (in field and protected situations)	Parasitic nematodes living freely in the soil.	20	The use of eco-nemguard™ G has not been fully evaluated in all species or all situations where treatment may be undertaken. It is recommended to treat a sample area and assess appropriately prior to whole crop treatment. Apply one application in the furrow as near to the seed as possible at the same time as drilling through appropriate calibrated granular application machinery. If conditions are dry at application, 20 mm of irrigation should be applied as soon as possible after application. If dry conditions persist, additional regular irrigation should be applied – see General Instructions.
Amenity turf grass	Parasitic nematodes living freely in the soil.	240 (single application or two 120kg/ha applications)	The benefits of using eco-nemguard™ G can be variable and useful reductions in nematode populations cannot be relied on. Application rate and frequency Depending on nematode populations in the root zone, apply eco-nemguard™ G at 12 g/m ² to the surface of recently seeded and establishing grass, or one application of 12g/m ² applied to the surface of the root zone when seeds are placed. A second application of 12g/m ² may be applied 4-6 weeks after the first to further reduce nematode populations. Where nematode populations are high and at damaging thresholds or when applications are being made to mature grass, a single application of 24g/m ² can be applied.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL, UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION
WITHHOLDING PERIODS: NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS

A single application of eco-nemguard™ G at the recommended rate and in appropriate conditions may reduce the level of root malformations detected in the fully mature crop. The benefits of using eco-nemguard™ G granules can be variable and useful reductions of nematode damage or increases in marketable yield cannot be relied on. Consult an expert for interpretation of nematode population data. It is recommended that the product is applied beneath the soil surface in bands at the same time as drilling. Apply as near to the seed as possible, through appropriate granular application machinery.

Efficacy of the product may be reduced in prolonged dry conditions and it is not recommended for use in soils with a high silt content. If conditions are dry at application, 20 mm of irrigation should be applied as soon as possible after application. If dry conditions persist, additional regular irrigation should be applied.

BEST CONDITIONS FOR USE: Soil should be considered damp enough to support crop establishment at the time of a eco-nemguard™ G application.

Percolation of water down the soil horizon is required to disperse the actives in eco-nemguard™ G granules and loss of continuous hydraulic contact down the ridge after application of eco-nemguard™ G may adversely affect efficacy.

IRRIGATION: eco-nemguard™ G's active ingredients, polysulphides, are held within the honey-comb structure within the granule. In order to obtain effective release of the active ingredient into the soil around the seeds, sufficient water is required.

As the water percolates through the soil as a result of rain or irrigation, it activates the release of the polysulphides, which then spread out around the granule creating a zone of action, which will have efficacy on the nematodes.

- Recommended that 20 mm of irrigation be applied soon after granule application if no rain occurs.
- Requirement for 80+ mm of water, either rain or irrigation, over the first 4 to 6 weeks.

NEMATODE DAMAGE TO CROPS: Nematode damage to crop roots is evident as irregularities in the consistency of the plant stand, reductions in crop vigour and a range of clearly visible malformations to the shape of the maturing root. A crop may be affected by all these symptoms. In situations where nematode populations are substantially exceeding damage risk thresholds, eco-nemguard™ G granules are unlikely to produce adequate levels of damage reduction.

TURF: The active in eco-nemguard™ G is formulated into a granule to deliver 4-6 weeks activity against nematodes as single high rate product application, or two half rate applications. Trials with eco-nemguard™ G applied topically to mature grass infested with various plant parasitic nematode species indicate suppression of populations for up to 6 weeks. eco-nemguard™ G is intended to be used to combat nematodes that originate from residual root matter and root zone left behind during re-construction and renovations that infect the new zone in the first few weeks post germination. It can also be used to combat infection in established grass. Consult with a crop advisor before using eco-nemguard™ G. It is advisable to determine populations of nematodes in affected turf or new root zone soil before treatment.

It is recommended that the product is applied evenly to the surface of turf or to the soil surface as new turf is emerging. Apply as near to the surface of grass as possible, through appropriate granular application machinery. Trials have shown that a single application of eco-nemguard™ G at the recommended full rate and in appropriate conditions can reduce populations of ectoparasitic nematodes by 60% over 6 weeks when compared to untreated areas.

STORAGE AND DISPOSAL: Store in the closed, original container in a cool dry place out of reach of children. Do not store in direct sunlight. Protect from frost.

BAGS: Shake remainder into application equipment's granule hopper. Do not dispose of unfilled chemicals on site. Puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

SAFETY DIRECTIONS: May irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When preparing product for use wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), disposable gloves and goggles. If product in eyes, wash it 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, goggles and contaminated clothing.

FIRST AID INSTRUCTIONS: If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126; New Zealand 0800 764 766.

FOR EMERGENCIES ONLY, CALL AUSTRALIA 1800 220 770 (ALL HOURS)

SDS: Additional information is listed in the Safety Data Sheet available from the supplier and ccp.com.au.

To be read in conjunction with the full product label:
Avoid breathing dust or vapours.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Wash contaminated clothing before reuse.
Wear protective clothing, gloves, eye/face protection and suitable respirator. If medical advice is needed, have product container or label at hand. If skin irritation or rash occurs, get medical advice/attention.



BEST CONDITIONS FOR USE: The eco-nemguard™ G will require regular irrigation to mobilise and disperse the nematicidal actives. Conditions used to establish new grass in sports grounds should mobilise the active over a period of 4-6 weeks. Applications of eco-nemguard™ G to soccer, rugby fields and putting greens should be followed by 3-5 mm of irrigation within 3 days. Normal green keeping practice and turf management after application of eco-nemguard™ G should continue to disperse the active in the root zone.

PROTECTIONS: PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT. Toxic to aquatic life. Do not contaminate wetlands or watercourses with this product or used containers.

The OCP drop device is a registered trade mark and eco-nemguard is a trade mark of Organic Crop Protectants.

BATCH NO:

DOM:



Y2D-368-1

NET CONTENTS
20 kg

ORGANIC CROP PROTECTANTS
1956 Dandenong Rd, Clayton VIC 3168
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ocp.com.au

* Registered for use in organic farming systems

