



PRODUCT INFO
& DATASHEET

Amenity Sports & Turf Products

SICO ANTI WORM

Worm deterrent and soil penetrant

1. PRODUCT DESCRIPTION

A nutrient based unique blend of worm deterrent and soil penetrant contains:

More than 5% amino nitrogen with more than 15% bio-organic sulphur

- **SICO ANTI WORM** is a unique combination of nutrient materials that have been clearly shown to reduce worm-cast levels on sports turf.
- Close scientific evaluation has shown that this new product does not kill worms or reduce populations, but does deter worms from travelling through treated soils.
- It is unique in using an environmentally friendly surfactant system that moves the nutrient into the upper soil structure and fixes it there; providing good persistence of deterrent effect until breaking down to natural nutrients absorbed by plant roots.

2. APPLICATION

- It can be used with absolute safety from first tiller formed on new seeds at low rates of application, and year round on established turf.
- Maximum Single Application rate is **20l/Ha**, but a programme of **7l/Ha** applications every **10 to 20 days** will produce best results.

3. PACKING

Packed in 10L (2 x 10L carton, 39 cartons/pallet)

A short Q&A – question & answer on SICO ANTI WORM:

1) How should I use the product best – when it rains or when it is dry?

Apply to soils that are not waterlogged, i.e. at no more than 50% of field capacity for optimum results.

Do not apply if rain is predicted in the next 12-24 hours. It requires 2 days without rain after application for maximum persistence and effect, rain within that period will begin to detract from the desired result

2) Any STRI trials data – any documentation on file: Yes, (Trials by Duncan McBain and Assoc, Independent trials contractors) but at the moment it is confidential and not for distribution.

3) Previous usage in the E.U.

Previous good results reported where accidentally over applied at Anfield training ground (in the U.K), then limited use by local cricket grounds and domestic users. The original 11 week persistence on a sports field arose from a 50L/ha application without the surfactant system. With the surfactant system in the formulation we recommend an initial 20L/Ha application followed by a 7L/Ha top-up every 2 to 3 weeks depending on rainfall and worm activity. This may need some adjustment up or down depending on local conditions and worm population, a good agronomist will inspect and advise accordingly. **SICO ANTI WORM** is a nutrient, and if applied during periods of rapid growth the grass will remove it from the soil rapidly producing growth at the expense of worm-deterrence.

4) "Sulphur will deter worms" – is it based on Sulphur: It contains a form of bio-available soluble sulphur compound not normally used except in slow-release Nitrogen liquids. It is recorded by researchers as having a beneficial effect on soil micro-flora and fauna, as long as you aren't a worm!

5) Mode of action: It does not kill worms except in direct contact with the spray under dry conditions (i.e. worms on the surface at time of spraying), but it simply drives them away to untreated areas.

6) Penetrants or retention agents?

It is formulated with a surfactant system designed to prevent rapid leaching from the soil upper 10cm. The greater the clay/organic content, the more pronounced and persistent is the effect.

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