



Sward

- * Increases longevity of earthworm control
- * Soil penetrant carries product through the thatch layer
- * Assists movement of the carbendazim through the soil profile, so improving its contact with the earthworms
- * Low application rate for cost effective use
- * Fully MAFF approved adjuvant

Application rates

Quantity of Sward	Water Volume	Quantity of Sward	Water Volume
40 ml	20 litres	200 ml	100 litres
100 ml	50 litres	500 ml	250 litres

Contains: 15.2% w/w polyalkylene oxide modified heptomethyltrisiloxane
 MAFF No: A0215
 Pack size: 1 litre
 Pack coverage: 500 litres spray volume
 RT order code: 0488450/

Use plant protection products safely. Always read the label and product information before use.



Earthworm casts can cause the turf manager many problems:

- * Casts are unsightly
- * Spoil the playing surface
- * Cause mowing difficulties
- * Smother the grass and suppress growth
- * Provide ideal germination sites for weeds and coarse grasses and can often contain Poa annua seeds brought to the surface from lower levels
- * Creates a damp poorly draining surface
- * Encourage turf diseases
- * When trodden down or flattened by mowing the casts can effectively seal the surface
- * High worm populations invariably attract moles

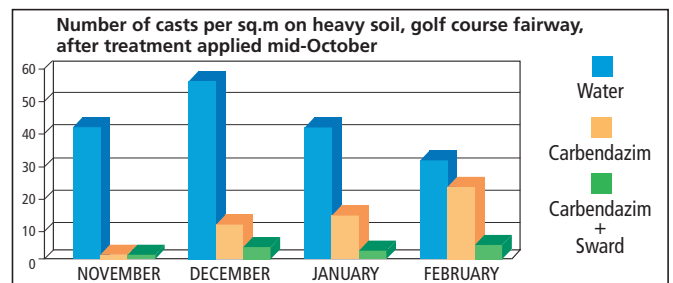
Ideally a management aim should be to eliminate or minimise casting problems whilst still harnessing the beneficial effects of the non-casting worm species.

By using various standard cultural practices one can reduce the activity of worms, but it is usually necessary to employ chemical control within a turf maintenance programme, particularly in situations where high populations exist.

HOW SWARD WORKS

Adjuvants are materials that can be tank mixed with pesticides to enhance their performance, though they themselves do not have any pesticidal activity.

Sward is an adjuvant produced specifically for the amenity market to assist in the control of casting earthworms. It is formulated for use as a tank mix with approved carbendazim-containing products, such as **Mascot Systemic**, and is a fully MAFF approved adjuvant. The effectiveness of carbendazim in controlling worms is very much linked to its contact with the worms. **Sward** enables the carbendazim to penetrate through the thatch layer and move further down into the soil profile. This improves its chances of coming into contact with the deeper casting worms, and so improve overall control.



HOW TO USE SWARD

Sward may be applied with approved earthworm control products within the label recommendations for amenity turfgrass situations. It must not be used when turf is under stress or during adverse weather conditions e.g. frost, drought, waterlogging, which may leave the turf prone to damage.

In the spray tank add **Sward** to a concentration not exceeding 0.2% of the total volume.