



### **Opti-Cast Lawn Dressing Guide.**

Opti-cast is an organic fertiliser and microbial additive.

Cocoons and baby worms are a bonus extra, we advise adding organic material, as with compost and moisture they have an environment in which to breed out and rehabilitate soil.

#### **Optigrow suggests the following application.**

Established trees: 2 litres.

New trees: 2 litres (in the planting hole)

Small trees, shrubs and bushes: 1 litre.

Seedlings: 100 ml to 250 ml per seedling.

#### **Lawn dressing: 2 - 4 litres per square meter.**

Recommend application: Twice annually until sustainable replication within the soil is observed.

Worm castings start working the moment they hit your soil, so the sooner you start the sooner you start the journey to breath health and life back into your soil.



For best results we suggest a healthy addition of high quality compost into your feeding schedule.

#### **Advised Application method.**

For optimum results in **bare soil**, it is advised that Opti-cast, on its own or preferably in combination with an available composted material be spread on the surface of the soil at the advised application, then turned into the top 5cm of the soil.

A healthy watering can now be applied, with the castings and compost beneath holding it in place like a sponge, giving new roots a consistent source of moisture for establishment. An additional covering of compost can be applied on top to act as a sun screen, reducing the wicking action of the suns heat if available.

For optimum results in **established lawn**, it is advised that Opti-cast, be spread on the surface of the grass at the advised application, raked and then watered into the soil between the grass blades.

An additional covering of compost can be applied on top to act as a sun screen, reducing the wicking action of the suns heat if available.

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### **Lawn dressing minimum application**

2 litres per square meter  
40dm bag = 20 square meters  
1000dm (1 cube) = 500 square meters

### **Lawn dressing recommended application**

4 litres per square meter.  
40 dm = 10 square meters  
1000 dm (1 cube) = 250 square meters

As a meter for calculation;  
A football field grass area is 120m x 80m, a total area of 9600 square meters.

### **Application in dry environments.**

Application of earth worm castings in close proximity to roots of plants is crucial to ensure that the multitude of benefits that castings offer to strengthen and provide healthy plant growth and root development from its early years is readily available right at the roots.

Application is highly advised in new planting, wet or dry season, with or without installed irrigation.

Application of earth worm castings can be done year round and it works to stabilise moisture in soil, helping to retain moisture in dry soils.

Microbes and worms in vermicast breed and function best in a slightly humid environment. A bone dry sand will simply encourage worms to migrate and seek out more suitable environments, not staying where you want them to do their work.

For best results in the dry season on exposed planting, the instillation of irrigation prior to your application of castings is beneficial, otherwise waiting for the rainy season or the use of mulch to reduce the wicking action of the sun's rays and heat, so that moisture loss can be reduced in exposed environments and the worms and microbes have the best environment to establish.

With this said, despite their fragile appearance, worms are surprisingly resilient. This is less of an issue in established plants whose branches above provide shade for the soil beneath reducing the heat and wicking action of the sun.