

SYMBIO VERMICOMPOST ORGANIC FERTILISER



Benefits

- ✓ Improves sward colour and density for a strong resilient sward
- ✓ Regular use improves soil structure and moisture retention
- ✓ Contains 15% Vermicompost rich in humic and fulvic acids
- ✓ Promotes the production of plant hormones: auxins, gibberellins and cytokinins
- ✓ Rich in soil microbes to release locked up inorganic nutrient for better rooting and top growth
- ✓ Healthy soil promotes fast damage repair and strengthens sward so it's less susceptible to disease

Slow release, odourless, organic fertiliser for fairways, tees and surrounds.

SYMBIO VERMICOMPOST ORGANIC FERTILISER is made by combining finely screened compost rich in natural npk with 15% vermicompost.

VERMICOMPOST is made by Earthworms that ingest, degrade and humify organic matter, producing compost with high porosity, aeration, drainage and water holding capacity.

IMPROVED HEALTH WITHOUT EXCESSIVE GROWTH

VERMICOMPOST has a large surface area and a high cation exchange capacity providing strong absorbability and retention of nutrients.

As fertiliser, **VERMICOMPOST** and compost contains nutrients in a form that are slowly released but readily taken up by plants, such as nitrates, exchangeable phosphorous, soluble potassium, calcium, magnesium and trace elements.

VERMICOMPOST is humus rich. The humic and fulvic acids produced in this process stimulate greater plant growth than can be created by mineral nutrients alone. Partial oxidation of humic acids allow bonding sites for plant nutrients and other humic-like materials produced in the faeces of earthworms which exhibit auxin, gibberellins and cytokinin like activities. Auxins are responsible for cell elongation, cytokinins for promoting cell division and gibberellins for stem elongation. These hormones play a fundamental role in plant metabolism.

IMPROVE SOIL QUALITY Humic acids produced by the breakdown of organic matter by micro organisms are generally negatively charged so attract positive ions, such as calcium. Humic substances promote the conversion of macro and micro nutrients into forms available to plants. E.g. Phosphate reacts with other minerals in the soil, (particularly iron and aluminium) and becomes locked up. Humic acids help substitute iron and aluminium with other elements e.g. calcium,

unlocking phosphate and other nutrients for plant growth.

The fungi and bacteria provide a food source for the entire soil food web, essential for aerated, friable soil, creating the ideal structure for plant growth.

Precaution

If SWALLOWED Rinse Mouth, Do not induce vomiting
IF ON SKIN Gently wash with plenty of soap and water
IF IN EYES Rinse cautiously with water for several minutes

APPLICATION AND TIMING

Apply at 750 –1,000 kg per hectare at any time. For fairways we recommend application in spring and/or autumn. Spread using a top dresser or agricultural fertiliser spreader. Symbio will arrange application or hire of a suitable spreader if required.

May be mixed with top dressing, or new rootzones.

PACK SIZE: 20kg • 500kg