



SYMBIO LIQUID AERATION



Benefits

- ✓ *Eliminates anaerobic black layer*
- ✓ *Combats the effects of squidge, water logging and compaction*
- ✓ *Encourages the breakdown of thatch which improves percolation rates*
- ✓ *Provides oxygen for increased microbial activity*
- ✓ *Increases the uptake of applied nutrients for rapid plant growth*

A revolutionary product that provides oxygen for healthy soil, microbe and plant growth in water-saturated, compacted and anaerobic root zones.

MODE OF ACTION All healthy plant growth and microbial soil activity requires oxygen, which is usually supplied by air moving into the soil.

SPORTS TURF ROOTZONES are constructed and managed to be firm and even and as such, have few natural air spaces in the rootzone. As a result, sports turf rootzones may rapidly become anaerobic as a result of physical compaction, overwatering or prolonged rainfall.

When regular physical aeration is impossible or a dense thatch layer holds water, the soil becomes anaerobic and black layer; root breaks, squidge and yellowing, poor-quality turf follow.

Contains 22% Nitrogen w (28% Nitrogen volume)

SYMBIO LIQUID AERATION is a blend of complex components that contain a high number of atoms of oxygen for every molecule of product. When diluted and sprayed over turf, these atoms of oxygen become available for use by the plant and soil microbes, encouraging normal aerobic activity in the rootzone.

STORAGE CONDITIONS Store in a cool dry place between 5°C and 30°C.

Hazard

Causes skin irritation. Causes serious eye irritation

Precaution

Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection

IF ON SKIN: Wash with plenty of soap and water

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

Take off contaminated clothing and wash before reuse

WARNING



PACK SIZE: 5L

APPLICATION AND TIMING

For maintenance of aerobic conditions to complement reduced physical disruption 1-2.5 litres per hectare. Use 2.5L/hectare for faster thatch reduction.

For compacted soils, dense thatch and squidge 2.5 -5 litres per hectare.

For Black Layer, highly compacted soils and waterlogged thatch 5 litres per hectare

Symbio Liquid Aeration can be tank-mixed with microbial products and most inorganic and organic fertilisers. Do not mix with fungicides. Always test mixes before adding to spray tank – complete a bucket test.

Apply as required to maintain excellent aerobic conditions apply every 2-4 weeks depending on soil conditions and irrigation inputs and/or rainfall.

If the anaerobic layer is deep in the root zone, the best results will be obtained by tining to the anaerobic layer before spraying to allow the liquid to penetrate quickly through the rootzone to the affected layer.