

VITALIS 1-0-5

TECHNICAL BULLETIN

FOLIAR & SOIL NUTRITION

VITALIS is a professional use liquid supplement offering turf managers advanced foliar and soil nutrition for fairways.

Features

- Improves water infiltration and soil aeration
- Helps to reduce the emergence of worm castings
- Restores soil balance (microbial activity, cation exchange capacity, holding capacity)
- Stimulates photosynthetic rates and root growth for superior turf vigor and resistance to stress
- For use on fairways
- Applications : spring, summer and fall

Modes of action

- VITALIS is a unique all-in-one formulation for fairways based on cold water seaweed extract (*Ascophyllum nodosum*), organic acids rich in oxidized carbon and penetrating agent.
- VITALIS improves soil structure through better aggregate stability (clay-humic complexes) and allows a better soil aeration and water infiltration. Efficient soil aeration and decompaction helps to decrease the emergence of worm castings.
- VITALIS contains unique osmoprotectant compounds that help to protect cell metabolism (enzymatic activity, photosynthetic capacity) against stresses associated with drought, salinity, extreme temperatures and compaction.
- VITALIS stimulates beneficial microorganisms by providing highly available nutrients and promotes thatch degradation.
- VITALIS maximizes cell division and optimal root development by providing natural growth hormones in balanced proportion.

Directions for use

Fairways : 150 ml / 100 m² (6 L / acre)

Frequency : Every 14 to 21 days from spring to fall

Apply in a sufficient volume of water to ensure even coverage and good water penetration. VITALIS is compatible with most professional turf products. Avoid mixing with solutions with high calcium and magnesium concentrations. Always conduct a compatibility jar test and check the dilution rates before mixing VITALIS with new products. This product should be used inside a complete fertilization program. Consult an agricultural representative for specific use. Shake well before use.

Guaranteed minimum analysis

Total nitrogen (N) : 1 %

Soluble potash (K₂O) : 5 %

Aquatic plant extract (*Ascophyllum nodosum*) : 40 %

Humic acid : 5.5 %

Fulvic acid : 1.4 %

Active ingredients derived from 2024090F Fertilizers act, humic acid, fulvic acid, potassium hydroxide and urea.

TB-VITALIS-V20250224