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Vitax Vitakelp

Turf Bio-stimulant

What

Unique concentrated seaweed extract. Increases turf health, vigour and quality. Contains the highest levels of bio-actives and solids.

Vitakelp Bio stimulant

1. Vitakelp is a concentrated liquid seaweed extract, principally derived from *Ascophyllum nodosum* which increases turf health and quality
2. Seaweed from *Ascophyllum nodosum* have repeatedly shown their ability to promote sward health and quality in both scientific and commercial trials.
3. Vitakelp seaweed extract is a well-established turf bio-stimulant and balanced source of macronutrients, trace elements and organic compounds.
4. Vitakelp has the highest levels of plant hormones; such as Auxins, Gibberellins and Cytokinins.
5. Vitakelp liquid carries 30% suspended solids, and is the highest level of bio-actives (hormones, vitamins, amino acids and carbohydrates) in the market.

Why

Vitakelp's benefits include stronger sward and root system development and improved tolerance to environmental stresses' and disease. In addition, it increases populations and activity of beneficial soil microbes.

1. Vitakelp's unique acid pH formulation is less likely to precipitate when mixed with soluble fertilizers or fungicides than other seaweed products.
2. Low application rates than other seaweed products.
3. Increased sward quality and tolerance to environmental stresses and diseases.
4. Rapid promotion of sward health leading to enhanced root development and improved turf performance.

6. Vitakelp extraction methods involve no chemical solvents, preserving the naturally occurring ingredients for uptake by the turf.
7. Vitakelp seaweed extract is a well-established turf bio-stimulant and a balanced source of macronutrients, trace elements and organic carbon.
8. Vitakelp promotes physiological responses which exceed those explained by analysis alone.

When

Apply from early spring at 3 weeks intervals during the growing season, or before and after any stress situations.

Always dilute Vitakelp in water and apply as a foliar spray. Ensure the product has fully dispersed before starting application.

Vitakelp is also recommended for landscaping and ornamental situations.

Application

Apply at 0.4 to 0.45 litres in 40 to 80 litres / 1000 square meters (4.0 to 4.5 litres of Vitakelp / 400 to 800 litres / hectare).

Typical Analysis

Total Nitrogen (N)	0.58%
Total Phosphate (P ² O ⁵)	0.29%
Total Phosphorus (P)	0.13%
Total Potash (K ² O)	1.02%
Total Potassium (K)	0.85%

The naturally-occurring nutrients in Vitakelp include:

Vitamins A, B1, B2, B3, B5, B12, C, D, E, K, choline and carotene.

Bio-active amino acids include Alanine, Valine, Glycine, Isoleucine, Serine, Tyrosine and stress protecting amino-betaines.

Plant hormones: Auxins, Gibberellins and Cytokinins.

Essential trace elements include Boron, Copper, Iron, Magnesium, Manganese, Molybdenum and Zinc.