

FYTO-Desalinize

Biological Equilibrium Farming™

Reg No: Act 36 of 1947

MANUFACTURED & DISTRIBUTED BY
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MANUFACTURED IN SOUTH AFRICA

FYTO-Desalinize is an efficient high concentration chelated Calcium and Potassium product for cation macro- and micro-nutrients, which when dissolved in water before application will result in total chelation of the Ca^{2+} to the natural organic fulvic acid molecules of the PhytoFulvic powder. This neutralized chelated form of Ca^{2+} will not react with the PO_4^{2-} anions in the soil, keeping both nutrients in solution and available for crop uptake and utilization. The high concentration of available Calcium can remove or displace Sodium (Na^+) in saline or brackish soils to decrease or alleviate the negative effect of Na^+ on crop growth and yields. Concurrently Potassium will compete with the Sodium for uptake by the plant, lowering the negative effect of high Sodium in the root zone. It is very important to use a realistic application of **FYTO-Desalinize** (Ca and K) and to target the root zone. The severity of salinization should be quantified with soil analysis in order to make an informed decision on the rate of product to be applied.

PRODUCT PROPERTIES

S.G	1 ± 0.02
Appearance	Brown/cream powder

GENERAL RECOMMENDATIONS

FYTO-Desalinize is compatible with most generally used fertilizers except Phosphate and Sulphate products.

Do not use in strong alkaline solutions. Depending on the severity of salinity apply at rates of 20 – 100 kg/ha/season.

The product can be applied through the irrigation system, with a tractor sprayer or in the case of fruit trees, especially young or newly planted trees, as a drench at 2ℓ per young tree and up to 10 ℓ for large trees.

A solution should be made of the recommended dosage before application in at least 500ℓ of water per 20kg of the dry product (concentration should not exceed 3%. For drenching the calculation for required volume should be made in terms of number of trees per ha.

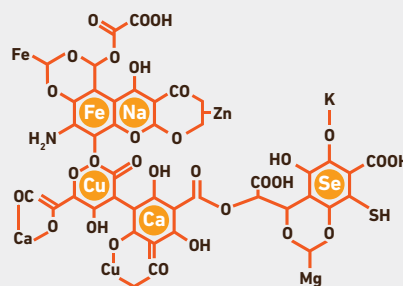
COMPOSITION

Calcium (Ca)	204 g/kg
Potassium (K)	38 g/kg
PhytoFulvic 100 WP	300 g/kg

STORAGE

The Fyto products should not be used in any other way than prescribed. Do not store in direct sunlight.

Storage temperature: 13°C - 25°C. Keep the lid or bag closed after opening if the full 25 kg is not used. It is hygroscopic and moisture will lead to the product becoming hard.



Contact your AgriLibrium Representative for crop specific recommendations.