

Fyto Desalinize

Fyto Desalinize is a very efficient high concentration Calcium product, which with dissolving in water before application will result in total chelation of the Ca^{2+} to the natural organic fulvic acid molecules of the Fytofulvic powder. In the chelated form, chemical reaction between the Ca^{2+} cation and PO_4^{2-} anion will be limited which keeps both nutrient elements in a soluble and available form that the crop can take up and that ensures optimal utilization of both elements.

The high concentration of available Calcium can remove or displace Sodium (Na^+) on the clay fraction in saline or brackish soils to decrease or alleviate the negative effect of Na^+ on crop growth and yields. It is very important to use a realistic application of Fyto Desalinize (Ca) and to target the root containing soil 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.

Composition:

Calcium (Ca)	143 g/kg
FytoFulvic	300 g/kg

General recommendations.

Fyto Desalinize, depending on the severity of salinization, should be applied 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, be applied as a drench at 2ℓ per young tree and up to 10ℓ for large trees. A solution in water should be made of the recommended dosage before application in at least 500ℓ of water for 20kg/ha recommendation and at least 2500ℓ for 100kg of the dry product (solution concentration should not exceed 4%). For drenching the calculation for required volume should be made in terms of number of trees per ha. For a desalinization treatment, the total recommended volume of the product should be applied early in the season for fruit crops or before planting or soon after planting for vegetables or grain crops. For dryland crops the soil should be moist and applications should preferably be done just before expected or predicted rain.



Biological Balance Farming Product

Contact your AgriLibrium Representative for crop specific recommendations.