

TECHNICAL DATA SHEET GLUCOZIN

(GLUCONIC ACID CHELATED MICRO MIX FERTILIZER)

DESCRIPTION: GLUCOZIN is unique composition of three important micro nutrients such as Zinc (Zn) and Boron (B).

TECHNICAL SPECIFICATIONS:

Physical Form: Liquid Fertilizer
Product Colour: Dark Brown
Product Odour: Odourless
Shelf Life: 4 years
Origin: TURKEY
Producer: SAMİ KÜÇÜKKOCA TARIM TİCARET

COMPOSITION (w/w):

Zinc (Zn) 6.0%
Boron (B) 3.0%
Total Organic Material 20.0%
Ph: 4 - 6
Density: 1.25 kg/l

ADVANTAGES AND PROPERTIES

These elements are used by plants for cell formation, and sugar and enzyme production. Gluconate enhances the ability of plants to absorb needed nutrients for better yields. The soil microflora produces a wide range of enzymes. One of these is glucose oxidase which produces gluconic acid in the root zone. Gluconates can easily solubilize phosphate in the soil and make it available as a plant nutrient. Gluconic acid also reacts with carbonates, oxalates, various mineral sources to produce mineral gluconates. These can be absorbed by the root systems easily. Zinc plays an important role in many biochemical reactions within the plants. Plants such as maize sorghum and sugarcane show reduced photosynthetic carbon metabolism due to zinc deficiency. For optimum results, Glucozin should be used in a programme and in combination with other balanced fertilizers and foliar feeds. Glucozin is compatible with most agricultural remedies. It is however advisable to do a miscibility test prior to mixing with other chemicals. Do not mix The chelated Zinc – Boron Gluconate with highly alkaline material such as Lime Sulphur and Bordeaux mixture, or with any phosphate-containing fertilizers. Glucozin should preferably be applied in the early morning or late afternoon. Do not apply to plants undergoing a period of moisture or heat stress.

DIRECTIONS FOR USE :

Cotton, Soyabean, Tur, Groundnut, Onion, Garlic: 175-200 ml / per 100 ml water.
Grapes, Pomegranate, Banana, Citrus, Papaya: 250-300 ml / per 100 ml water.
Tomato, Brinjal, Cauliflower, Watermelon etc. 200-250 ml / per 100 ml water.

PACKING : 0.5 - 1 - 5 - 20 LT.

APPROPRIATE WAREHOUSE CONDITIONS: Try to keep the product between + 5, - 25 C in its original packaging far from the human, animal and food. Be aware of direct sunlight.

USAGE SECURITY REGULATIONS : This product is not toxic. After usage wash your hands and face with water and soap.