

KELPAD

KelPad is a biostimulant supplying macro and micro nutrients in combination with seaweed extract, humic and fulvic acids and other biostimulants. **KelPad** produced to enhance the yield and quality of field crops, orchards and ornamentals. this is achieved through a range of beneficial properties as associated with this biostimulant which interact directly with the biologic system of the plant. The constituent fucoidan and laminarins protect the plant against pathogenic disease and abiotic stress since they activate a Phytoalexin response, which is one of the major mechanisms of plant defense system. It contains oligo alginates which stimulates probiotic activity in the rhizosphere resulting in an increase in the population of beneficial soil bacteria, which improves the bioavailability of nutrients to the plant.

Benefits

- Increases the efficiency of other agricultural inputs (fertilizers and pesticides)
- Improves plant resistance to dehydration, frost, diseases and pests
- Increases product shelf life after harvest and delay aging
- Increases fruit size, uniformity and fruit sugar content
- Increases root and plant establishment
- Improves the quality and marketability of agricultural products

Composition (W/V) %

seaweed Extract	5
Humic Acid	2
Fulvic Acid	0.5
Polysaccharides	1.2
Amino Acids, Vitamins and PGPs	0.2
Total N	3.6
P ₂ O ₅	3
K ₂ O	5
Fe	0.015
Mn	0.01
Zn	0.015
Cu	0.005

Application rate

Crop	How to use	Dosage	Time
Field Crops	Foliar Application	2 – 4 Liters/ha	2 times during the growth period
Field Crops	Fertigation	5 – 8 Liters/ha	2 – 3 times during the growth stages
Fruit trees	Foliar Application	3-4 liters per 1000 liters of water per hectare	2 – 3 times during the growth stages
Fruit trees	Fertigation	6 - 8 Liters/ha	2 – 3 times during the growth stages
Seeds	Seed treatment	2 liters in 10 liters of water for 100 kg of seeds	Before sowing
Roots of Seedlings	Root soaking	2 liters per 100 liters of water	Before transplanting