

# AscoPad

## An enriched seaweed extract

AscoPad is a fertilizer supplying macro and micro nutrients in combination with seaweed extract, humic and fulvic acids and other biostimulants. AscoPad is 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 Laminarin 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. Oligoalginates stimulates prebiotic activity in the rhizosphere resulting an increase in the population of beneficial soil bacteria, which improves the bioavailability of nutrients to the plant.

## Composition (W/V) %

|                                |       |
|--------------------------------|-------|
| Seaweed Extract                | 5     |
| Humic Acid                     | 2     |
| Fulvic Acid                    | 2     |
| Polysaccharides                | 1.2   |
| Amino Acids, Vitamins and PGPs | 0.2   |
| N                              | 3.6   |
| P <sub>2</sub> O <sub>5</sub>  | 3     |
| K <sub>2</sub> 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 – 3 times during the growth stages |
| Field Crops        | Fertigation        | 6 – 8 Liters/ha                                    | 2 – 3 times during the growth stages |
| Fruit trees        | Fertigation        | 2-4 liters per 1000 liters of water per hectare    | 2 – 3 times during the growth stages |
| Fruit trees        | Foliar Application | 8 - 12 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                 |