

SEA BROWN EXTRA



Allowed Input
Cert. No. 19013

Approved to use in
Organic Agricultural System

• *Stress coper (with seaweed extract)*

Seawin's **SEA BROWN EXTRA** is derived from the brown kelp *Laminaria (Saccharina) japonica* using our patented enzymatic extraction method, which preserves the most amount of active ingredients. It is also the only method that guarantees consistency and high quality of the active ingredients like Seawin's Brown Seaweed Polysaccharide(alginic acid), amino acids, mannitol, plant growth hormones and secondary & trace elements. The benefits of these active ingredients combined make this product an essential part of any plant production program.

Product Features

- Alginic acid and Glycine betaine to reduce effects of stress
- Alginic acid and amino acid as a food source for soil microbes, increases microbe activity
- Natural chelating agent for micronutrients

Seawin's Polysaccharide (Alginic acid)

Alginic acid serves an important role in plant rigidity while submerged in seawater. It also helps with the uptake of carbohydrates along the plant vascular tissues. With these properties, it helps with reducing the effects of biotic and abiotic stresses.

Brown seaweed also contains glycine betaine. Glycine betaine is a major osmolyte controlling water movement in and out of plant cells. It plays a major role in assisting plants to cope with environmental stresses such as drought, salinity, extreme temperatures and frost.

The alginic acid and amino acids are food sources for beneficial microbes in the soil which perform many crucial functions including making nutrients available to plants. In addition, these act as chelating agents for the micronutrients. Therefore nutrients are then more readily absorbed by the plant.



Packaging Sizes: 20L, 1000L

Product Analysis

| | |
|----------------------|------|
| Nitrogen(N) | 0.5% |
| Potassium(K)..... | 4.1% |
| Polysaccharides..... | 2% |
| (alginic acid) | |
| Organic Matter..... | 10% |

Physical Characteristics

Brown liquid, pH 7-9,
Specific Gravity 1.10-1.15

Application

Fertigation: Apply 2-4L/ha.
Best to be applied together with other nutrition.

Foliar: 1-2L/ha.
Dilution Ratio: 1L to 100L-1500L of water.
Can be used together with Agchem sprays,
'Jar Test' needed for compatibility testing.

For application suggestions specific to your crop, please contact your local agronomist or Seawin's distributors.