

## Hume-Kelp

### SEAWEED EXTRACT POWDER. Act 36, Reg.no: B4812

Soluble seaweed extract powder is derived from fresh seaweed, *Ascophyllum nodosum*, and contains a natural balance of nutrients, trace minerals and carbohydrates. It will rapidly correct nutrient deficiencies, improve fruit set and help plants endure drought stress. It is suitable for all crop applications including field crops, potting soils, vegetable and flower gardens, orchards and turf grass.

#### PRODUCT SPECIFICATION:

|                      |  |
|----------------------|--|
| General description: | Soluble, alkaline seaweed extract                            |
| General application: | Bio stimulant for plant growth, foliar and soil application. |
| Raw material:        | <i>Ascophyllum nodosum</i>                                   |
| Appearance:          | Dark brown/black flakes/powder < 2 mm                        |
| Smell:               | Typical for seaweed extract.                                 |
| pH:                  | 9 – 10 in 25% solution.                                      |
| Solubility:          | 50 g in 100 ml water at 20°C.                                |
| Stability:           | Very stable when stored in a dry place in original bag.      |
| Bulk density:        | 500- 900 kg/ m <sup>3</sup>                                  |

#### TYPICAL ANALYSIS:

|                |        |                |      |
|----------------|--------|----------------|------|
| Moisture:      | 2-8%   | Alginate Acid: | <10% |
| Mannitol:      | 4-7%   | Betaines:      | 0.1% |
| Carbohydrates: | 35-50% |                |      |

#### ESSENTIAL MAJOR ELEMENTS:

##### Macro-nutrients:

|    |            |
|----|------------|
| N  | 1.0-1.5%   |
| P  | 0.02-0.05% |
| K  | 10-12%     |
| Ca | 0.5-1.0%   |
| S  | 1-9%       |
| Mg | 0.5-0.9%   |

##### Micro-nutrients:

|    |            |
|----|------------|
| Cu | 1-6 ppm    |
| Fe | 50-200 ppm |
| Mn | 5-12 ppm   |
| Zn | 10-100 ppm |
| B  | 20-100 ppm |
| Mo | 1-5 ppm    |

#### PACKAGING:

500 gram foilbags.

#### APPLICATION:

Dissolve 100g/5 litre water, apply at 2.0 litre per ha.

**NOT SUITABLE FOR HUMAN OR ANIMAL CONSUMPTION.**