

## PRODUCT DESCRIPTION

Eklboost is a natural plant growth promotor concentrate derived from fermentation *Ecklonia maxima* (Kelp) and plant protein.

## FORMULATION TYPE

(SL) - Soluble liquid

## GUARANTEED ANALYSIS

| Nutrient          |      | w/w %  | Micronutrients               |     | mg/kg   |
|-------------------|------|--------|------------------------------|-----|---------|
| Nitrogen          | N    | 1,0    | Iron                         | Fe  | 8,04    |
| Phosphate         | P    | 0,026  | Manganese                    | Mn  | < 0,5   |
| Potassium         | K    | 0,172  | Copper                       | Cu  | 0,76    |
| Calcium           | Ca   | 0,019  | Zinc                         | Zn  | 1,94    |
| Magnesium         | Mg   | 0,012  | Boron                        | B   | 2,04    |
| Sulphur           | S    | 0,022  | Molybdenum                   | Mo  | <0,4    |
| Carbon            | C    | 10,0   |                              |     |         |
| Amino Acids       |      | mg/kg  | Polyamines                   |     | mg/kg   |
| Histidine         | His  | 7,0    | Cadaverine                   |     | 8,2     |
| Arginine          | Arg  | 9,8    | Putrescine                   |     | 28,2    |
| Serine            | Ser  | 4,4    | Spermidine                   |     | 0,2     |
| Glycine           | Gly  | 1307,7 |                              |     |         |
| Aspartic Acid     |      | mg/kg  | Plant Hormone                |     | µg/kg   |
| Aspartic Acid     | Asp  | 9,5    | Indole 3 Acetic Acid (auxin) | IAA | > 2900  |
| Glutamic Acid     | Glu  | 10,0   | Cytokinins                   |     | > 100   |
| Alanine           | Ala  | 93,9   | Salicylic Acid               |     | > 15000 |
| Proline           | Pro  | 8,9    | Jasmonic Acid                |     | 4,5     |
| Cysteine          | Cys  | 5,6    | Abscisic acid                |     | 16,1    |
| Lysine            | Lys  | 13,5   | Gibberellic acid             |     | 18,9    |
| Tyrosine          | Tyr  | 29,8   |                              |     |         |
| Methionine        | Met  | 80,3   |                              |     |         |
| Valine            | Val  | 86,6   |                              |     |         |
| Isoleucine        | ILe  | 7,6    |                              |     |         |
| Leucine           | Leu  | 26,6   |                              |     |         |
| Phenylalanine     | Phe  | 23,7   |                              |     |         |
| Tryptophan        | Tryp | 75,1   |                              |     |         |
| Total Amino Acids |      | > 1750 |                              |     |         |
|                   |      |        |                              |     |         |
|                   |      |        |                              |     |         |
|                   |      |        |                              |     |         |

## PHYSICAL CHARACTERISTICS

|                         |                    |
|-------------------------|--------------------|
| ➤ State                 | Liquid Extract     |
| ➤ pH                    | 4,7                |
| ➤ Specific Gravity (SG) | 1,15               |
| ➤ Colour                | Brown              |
| ➤ Solubility            | 100% soluble       |
| ➤ Odour                 | Marine odour       |
| ➤ Boiling point         | 100°C at sea level |
| ➤ Country of Origin     | South Africa       |