



# Turbo-cell™ ROOTSTIM

GROWTH STIMULANT - ROOT DEVELOPMENT

## Key Benefits

### ROOT DEVELOPMENT

Natural growth stimulants for enhanced root development

### STRESS RESISTANCE

Increased stress tolerance of newly transplanted seedlings

### INCREASE YIELD

Stimulates root development, flowering and fruit setting

## Key Features

- Stimulates root development
- Increase uptake of water and nutrients
- Increased stress tolerance
- Increase yield

**Turbo-cell™ ROOTSTIM is a liquid seaweed and protein hydrolysate based growth stimulant, specifically designed to promote root development and general plant health and growth**

| Composition                                  | w/v         |
|----------------------------------------------|-------------|
| Ecklonia maxima                              | 12%         |
| Protein hydrolysate                          | 6%          |
| Nitrogen (N)                                 | 43 g/Lt     |
| Phosphorous (P <sub>2</sub> O <sub>5</sub> ) | 134 g/Lt    |
| Boron (B)                                    | 2.0 g/Lt    |
| Zinc* (Zn)                                   | 1.0 g/Lt    |
| Iron* (Fe)                                   | 2.0 g/Lt    |
| Manganese* (Mn)                              | 1.0 g/Lt    |
| Copper* (Cu)                                 | 1.0 g/Lt    |
| Molybdenum (Mo)                              | 0.117 g/Lt  |
| <b>Density</b>                               | 1.14 – 1.18 |

## Characteristics

Turbo-cell™ ROOTSTIM contains auxin-rich Ecklonia maxima seaweed extract and phosphorous that generate a strong stimulus for the formation of new growth points in the roots of the treated plants.

## Rate of Application

| Crops                                                             | Rate                 | Remarks                                                                                                                                             |
|-------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Fruit trees, Nut trees & Vineyards                                | 5 - 10 L/ha          | Apply at start of growing season and repeat every 14 days                                                                                           |
| Cereals, Rice                                                     | 3 - 5 L/ha           | Start application 2 weeks after emergence and repeat after 14 days                                                                                  |
| Capsicums (Paprika, Peppers), Lettuce, Cucumber, Onions, Tomatoes | 1 L / 100L water     | Dip seedling tray with seedlings in solution, or wet seedling tray with a watering can before transplanting and                                     |
|                                                                   | 2 - 3 L/ha           | Spray 14 days after transplant and repeat once or twice at 14 -21 days<br>Start sprays at 3 - 4 leaf stage for direct seeded plants.                |
| Avocado                                                           | 2 - 3 L/ha           | -                                                                                                                                                   |
| Potatoes                                                          | 500 ml / 100L water  | Dip seed potatoes for approx. 5 minutes before planting or                                                                                          |
|                                                                   | 1 L/ha               | Spray seed potatoes before plant or in plant furrow with planter and                                                                                |
|                                                                   | 3 L/ha               | Spray at 15 cm rosette stage, and                                                                                                                   |
|                                                                   | 2 L/ha               | Spray 10 - 14 days after, but not later than tuber formation                                                                                        |
| Soybeans                                                          | 2 - 4 L/ha           | Spray between V3 (3-Triofoliolate) and R1 (start of flowering) growth stages                                                                        |
| Roses                                                             | 1 L / 100L water     | Drench flower beds of newly planted roses, or at start of production cycle for established roses at 2 L/m <sup>2</sup> and repeat 14 days later and |
|                                                                   | 2 - 3 L / 100L water | Spray 21 days after second flower bed drench                                                                                                        |
|                                                                   | 2 - 3 L / 100L water | Spray after start of new growth and repeat 21 days later. Repeat sprays 5 months later                                                              |
| All crops                                                         | 2% solution          | Apply 1 - 5 L solution as a soil drench or into the planting hole before planting                                                                   |

Refer to product label for complete application rates

### Important Note:

The indicated crops and recommended rate of application mentioned in this Product informative sheet may not be applicable in the country where the product is intended to be used. User must refer and use the product only as per the official registration at the country of use and the approved uses and rates by the authorized authorities. The supplier will not be responsible or liable if the product is used on crops which are not listed on the official label as approved the ministry of agriculture at the country of use.



Suitable for foliar applications from seedling to mature stage with all common applicators



Suitable for soil applications via the irrigation systems, soil drench or direct sprays to the soil



The natural growth stimulants, auxins and cytokinins will enhance root development

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