



# FERTUM® ROOT DRY

## PRODUCT SPECIFICATION

### GREATER RADICAL MASS IN A SHORTER TIME

#### CHARACTERISTICS

**FERTUM® ROOT DRY** is an organic, powdered, highly concentrated and 100% water-soluble fertilizer based on seaweed that promotes germination and root growth for plants in their first stage of development.

Its use on seeds improves germination and provides the plant with better resistance to stress during its early growth.

#### BENEFITS OF USING **FERTUM®ROOT DRY**

- Helps generate greater radical mass in a shorter time, both at germination stage and during the plant cycle.
- Promotes higher and more uniform seed germination.
- Helps to achieve full genetic potential, increasing yields and crop quality.
- Stimulates plant metabolism, improving vitality, productivity and resistance to stress.
- Contains elements that offer the plant balanced nutritional equilibrium, containing proteins, enzymes and includes all the major and minor trace elements that plants need.

| Composition                                 |            |
|---|------------|
| ELEMENT                                     | CONTENT    |
| Total Nitrogen (N)                          | 1%         |
| Phosphorus (P <sub>2</sub> O <sub>5</sub> ) | 0.7%       |
| Potassium (K <sub>2</sub> O)                | 23%        |
| Calcium (CaO)                               | 1.8%       |
| Magnesium (MgO)                             | 2.8%       |
| Copper (Cu)                                 | 121 mg/kg  |
| Zinc (Zn)                                   | 6150 mg/kg |



## FERTUM® ROOT DRY

### Recommendations for the use of FERTUM® ROOT DRY

Easy to use, greater shelf life, better solubility, easy transport and storage

| Crop  | Application   | Dosage (g/ha)        | N° Applic. |
|---|---|----------------------|------------|
| <b>Annuals</b>  |   |                      |            |
| Cereals (wheat, barley, oats, corn, etc.), sunflower, raps, etc.  | Apply directly when disinfecting seeds.<br>Dilute doses in a minimum of 200 litres of water or the usual amount used for irrigating 1 ha              | 30 g/100 kg in seeds | 1          |
|   | Apply after formation of 4 true leaves<br>Dilute doses in a minimum of 200 litres of water or the usual amount used for irrigating 1 ha               | 120 g/Ha             | 1          |
| <b>Fruit Trees and Vines</b>  |   |                      |            |
| Blueberries, raspberries, strawberries, other berries, bananas, stone fruit, cherries, avocados, oranges, lemons, mandarins, other citrus, apples, pears, table, wine and pisco grapes, kiwis, olives, walnuts, European hazelnuts, almonds | Active root growth in spring and fall, every 7 days.<br>Dilute doses in a minimum of 200 litres of water or the usual amount used for irrigating 1 ha | 90 g/ha              | 3          |
| <b>Vegetables</b>   |   |                      |            |
| Potatoes  | Dilute 30 g in 50 litres of water and apply directly when disinfecting seeds  | 30 g/1,000 kg seeds  | 1          |

#### Other recommendations:

**Seedlings or seedling nursery:** Dilute 60 grams in 100 litres of water; soak the substrate or soil before planting seeds. Water with solution every 7 days.

**Seeds, bulbs, rhizomes and tubers:** Spray with same solution indicated above.

**Cuttings or stakes:** Dilute 30 grams in 1 litre of water and soak in minimum 2 cm of water during 3 minutes.



## FERTUM® ROOT DRY

**Compatibilities:** FERTUM® ROOT DRY does not have compatibility issues and in many cases the effectiveness of other products has improved when used with herbicides, fungicides and insecticides. We recommend that FERTUM® ROOT DRY should be the last ingredient added.

**Caution:** Store in a dark and cool place. Keep away from direct sunlight. This product can build up pressure inside its container, so you should cut the inner seal carefully. It's not toxic or dangerous for the user or the environment. Not flammable. If it accidentally falls in contact with eyes or skin, flush with plenty of water. We recommend handling with rubber gloves. Leave out of reach of children and pets.

**Shelf Life:** 5 years

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Made by: PATAGONIA BIOTECNOLOGÍA S.A. in CHILE

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