

NEW
IMPORTED FROM
SPAIN

sonar ROOT SOLID

Root development



Composition

%w/w

| | |
|---|----------|
| Nitrogen (N) Total | 7,00 |
| Phosphorus (P2O5) | 35,0 |
| Free amino acids | 20,0 |
| Rooting bio Inductor 01 (Indolbulyric acid) | 1500 ppm |
| Rooting Bio Inductor 02 (Naphthyacetic acid) | 500 ppm |



Characteristics

SONAR ROOT SOLID is a solid product specially designed to induce and stimulate the growth of roots and the thickening of the stems. Its formulation is based on a balanced mixture of "rooting" hormones, macronutrients and amino acids that act to achieve a faster and more effective result.

SONAR ROOT SOLID promotes higher root production and better quality, thus reducing the adaptation time of the seedlings when they are established in the agricultural field.

SONAR ROOT SOLID provides the environment and the elements that root needs, enhancing their growth and producing increased vigour and strength.

SONAR ROOT SOLID provides high phosphorus content and amino acids to improve the physical and chemical characteristics of the soil and increase the availability of nutrients and stimulate the physiological processes taking place in the roots.

Due its type of amino acids, it acts as a stimulator of root protein metabolism, so its effects are very visible when used in periods of root growth in the early stages of vegetative development.

SONAR ROOT SOLID is formulated with:

- 1. Nitrogen (N):** Promotes the development of the plant and biomass production.
- 2. Phosphorus (P₂O₅):** Stimulates root development
- 3. Free amino acids:** Precursors of auxins and polyamines
- 4. Rooting bio inductors:** Enhance rooting process

● **Increases the root system**

● **Increases the assimilation of nutrients**

● **Increases the vigour of plants**

● **Improves the quality and production of crops**

● **Regulates transplant stress**

● **Better use of water and nutrients**

SONAR ROOT SOLID is specially recommended in the following situation:

1. Initial stages of the crop
2. Transplanting
3. Stress conditions (temperature, hydric, etc.)
4. Critical stages: flowering, start of ripening, development of the fruit.
5. In nurseries.

| | ROOT ACTIVITY | SOIL MICROBIAL ACTIVITY | INCREASED NUTRIENT AVAILABILITY |
|---------------|---------------|-------------------------|---------------------------------|
| AMINOACIDS | ✓ | ✓ | ✓ |
| ROOTING BIO 1 | ✓ | | ✓ |
| ROOTING BIO 2 | ✓ | | ✓ |
| MACROELEMENTS | ✓ | ✓ | ✓ |

Application

| CROP | DOSAGE Kg/Ha | APPLICATION TIME |
|-----------------------------------|---|--|
| Substratum or substrate for trays | Dissolve 125-250g in enough water to humidify 100 kg of substrate | Use the low dosage at temperatures below 20°C and the high dosage at temperatures higher than 20°C |
| Nurcery bad and trays | 100g for each 200L of water | Apply once a week, starting in the third week of seeding development |
| FIELD APPLICATIONS | | |
| Transplant | 100g for each 100L of water | Apply at the time of transplantation or one week after applying 400g per 100L of water, apply directing to the base of the plant |
| Foliars | 0.5 to 1 Kg/ha | Apply in the second and third weeks after transplantation |
| Drip irrigation | 2kg/Ha | Dilute the product in irrigation water. Apply to the 2nd, 3rd and 4th week after transplantation |



IMPORTED
FROM UE

