

NEW

Datasheet



**Rooting
Foliar / Soil**



+ROOT SOLID

COMPOSITION	%w/w
Nitrogen (N) Total	7,00
Phosphorus (P ₂ O ₅)	35,0
Free amino acids	20,0
Indolbutyric acid (IBA)	1500 ppm
Naphthacetic acid (ANA)	500 ppm

Root development

CHARACTERISTICS

+ROOT SOLID has a high concentration of Phosphorus (fast assimilation) and specific organic extracts rooting inducing for any stage of crop development.

+ROOT SOLID is a plant biostimulant that promotes development and root growth, in foliar and soil applications directly in the root areas, its effect contributes to increase the flow of nutrients from the soil solution to the plant, granting plants with greater resistance to adverse environmental effects.

+ROOT SOLID provides the conditions and elements necessary for the development of the root, increasing its growth and obtaining and increase in the vigor and resistance of the crop.

Each molecule of **+ROOT SOLID** has a specific function in the stimulation of root system development. In addition, the composition of Stym root solid is in a specifically studied balance in favour the development of the crop during the first stages.






Recommended for:

+ROOT SOLID is used at the beginning of the plant activity to stimulate the growth of the roots and favour the activity of the plant in the first stages; in cases of stress, it also activates the plant. Its use is recommended for all kind of crops.

The relationship between the good root system and the proper formation of vascular tissues, is direct and together establish one of the most important bases for achieving a greates productive potential of the crop.

In addition to this, it is at the root that most hormones are responsible for regulating plant metabolism are synthesized in important processes as cell division, thickening and elongation; senescence, fruit setting and growth fruit, etc.

ACTIONS

-  **INDUCTION OF ABSORBENT ROOT HAIR FORMATION**
-  **ROOT STRENGTHENING, THANKS TO THE PARTICIPATION OF PHOSPHORUS AND POTASSIUM OF HIGH ASSIMILATION**
-  **INCREASING ITS GROWTH AND OBTAINING AN INCREASE IN THE VIGOR AND RESISTANCE OF THE CROP**
-  **IN A STRESSFUL SITUATION ALLOWS THE REINFORCEMENT OF THE ROOT ZONE NECESSARY FOR THE RECOVERY AND REACTIVATION OF CROPS.**
-  **INCREASES THE NUMBER OF THE CROPS**

APPLICATIONS

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
Nursery 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 pero 100L of water, apply directing to the base of the plant.
Foliar	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.

+ROOT SOLID is applied by sprinkler a dissolved solution in the amount of water indicated in the recommendation.

In the case of newly transplanted seedlings it is suggested to apply **+ROOT SOLID** when the root activity is starting (1-5 days after transplantation), be careful that the product may stay deep in the root. For best results, it is recommended to repeat the treatment once or twice at a weekly interval.

In establishment annual crops we suggest applying **+ROOT SOLID** at an interval of 10-15 days, preferably during the cutting season. In the case of perennials apply it on when it starts the "root development" or during fruiting. For a better result it is recommended to repeat the treatment 2 or 3 times.

It is recommended to be mixed with registered products in authorized crops, but compatibility test, It is suggested to avoid mixing with Calcium-base products non chelated.

