



Radisan **WG**[®]

BIOSTIMULANT FOR PLANT ROOT GROWTH, AND RHIZOSPHERE IMPROVEMENT. SOLUBLE AND MICRO GRANULATE

Benefits of use

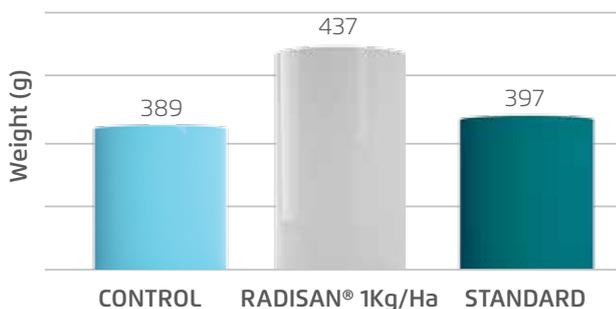
RADISAN WG[®] is a biostimulant especially elaborated to activate the growth and improve the structure of plant root system. It induce physiological response mainly by creating strong and healthy root system, and activating the endogenous mechanisms of defences against various types of pathogens. Its components in amino acids and some micronutrients precursors and activators of the principal pathways of phytohormones biosynthesis, such as auxin, cytokinins, and gibberellin, allows to promote the growth of primary and lateral roots system, giving a complete root system architecture, and consequently, maximising the absorption process of water and micronutrients.

RADISAN WG[®] also contributes to increase the photosynthesis rate, and activates nitrogen (N) fixing bacteria, to maintain the plant at optimal nutritional and energetic status.

Furthermore, **RADISAN WG**[®] contains secondary metabolites produced by special bacterial strains, exclusive property of FUTURECO BIOSCIENCE. The obtained metabolites stimulates not only the root growth but also helps root plants fighting off pathogens by enhancing their natural immune systems, these benefits are specially important for specific and sensible plant stages growth such as the transplantation and flowering.

Efficacy trials

Yield per plant
Pepper cv. Estrelle, Italy



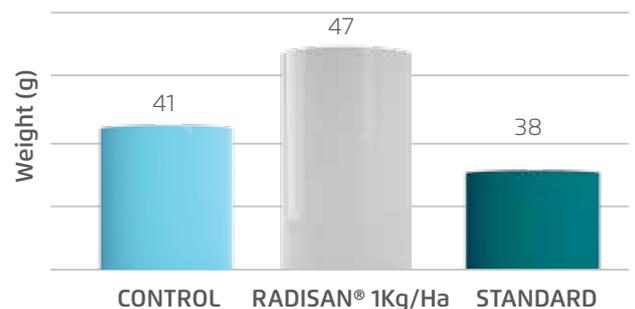
Composition

(%w/w)

L-free amino acids	19,0
Total nitrogen (N)	6,0
Water-soluble Boron (B)	0,4
Water-soluble Iron (Fe)	9,0
Water-soluble Manganese (Mn)	2,0
Water-soluble Molybdenum (Mo)	0,10
Water-soluble Zinc (Zn)	0,18

Contains secondary metabolites from *Lysobacter enzymogenes* strain B25 and *Corynebacterium flavesces* strain B2575

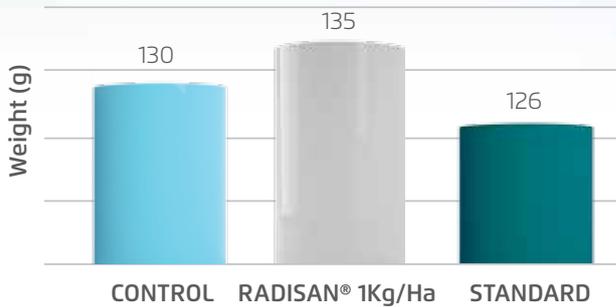
Radicular Biomass
Pepper cv. Estrelle, Italy





Leaf mass

Pepper cv. Estrelle, Italy



System and time of application

RADISAN WG[®] can be applied for all crop growth stages, via any irrigation system. The application during the transplantation improves the percentage of plant survival rate; enhances the structure and health of root system. The product is suitable for cases of plant root damage caused by nematodes, fungi or bacteria. **RADISAN WG[®]** can be used with nutritive solutions for hydroponic crops.

Stability and storage

RADISAN WG[®] is stable at least 3 years from the manufactured date.

Keep in a fresh and ventilated place with temperatures below 50°C.

Do not store for long periods under direct sunlight.

Keep away from children.

Do not eat, drink, or smoke while manipulating the product.

Dosage

CROP	TIME OF APPLICATION	DOSAGE	COMMENTS
Tomato, pepper, courgette, melon, and other vegetables	First application at transplanted, repeat every 2 weeks.	1-1,5 Kg/Ha	3-4 applications.
Strawberry	First application at transplanted, repeat every 3 weeks.	1 Kg/Ha	4-5 applications.
Lettuce, cabbage	First application at transplanted, repeat every 3 weeks.	1,5-2 Kg/Ha	2 applications.
Artichoke	First application at transplanted, repeat every 20 days.	1,5-2 Kg/Ha	3-4 applications.
Citrus	Apply at the beginning of reproductive shooting, and repeat every 2-3 weeks.	5-10 g/tree	2-3 applications.
Fruit trees	Apply at the beginning of reproductive shooting, and repeat every 2 weeks.	5-10 g/tree	3 applications.
Banana	Applications during the whole cycle.	2,5 Kg/Ha	3 applications.
Tubers	Apply every 15-20 days.	1 Kg/Ha	2-3 applications.
Table grape	Apply from bud stage, and repeat every 15-20 days.	5 g/vine	2-3 applications.
Ornamentals	Apply every 15 days.	1,5 Kg/Ha	3-4 applications.
Nursery	Ask you local distributor for more information.	50 g/100l	Frequency depends on crop variety.
French beans, peas, broad beans	First application at transplant, repeat during flowering.	1,5 Kg/Ha	From flowering apply 3 times.
Alfalfa	After each cut.	1,5 Kg/Ha	Apply solution at 0,2% after each cut.
Garlic, onion	First applications 15 days after transplant, and repeat each 15 days.	1,5 Kg/Ha	2-3 applications.

Compatibility

For mixing with any other product, before application, it is necessary to conduct a compatibility test, in small volume. For further information, technical advices, or any enquiries, please contact your local distributor.