HARMONISE®
SUPER 6

6 MICROBIALS. WORKING AS ONE.

MULTIFUNCTIONAL AND UNIQUE CONSORTIA OF MICROORGANISMS

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Sustainable Agriculture

HARMONISE® SUPER 6

CHARACTERISTICS AND BENEFITS

HARMONISE® SUPER 6 is a high-performance plant biostimulant formulated as a stable liquid, incorporating a consortium of six plant growth- promoting rhizobacteria (PGPRs): *Bacillus subtilis, Bacillus amyloliquefaciens, Bacillus megaterium, Bacillus mojavensis, Bacillus pumilus,* and *Pseudomonas fluorescens*. This consortium consists of a synergistic blend of microbial species that work in harmony to enhance plant growth.

HARMONISE® SUPER 6 plays a pivotal role in sustainable soil management by optimising the use of existing soil resources and addressing various soil-related challenges. It activates key metabolic pathways within the plant, enabling it to successfully navigate critical developmental stages and maximise yield potential.

HARMONISE® SUPER 6 synthesise a range of growth-promoting substances, including auxins, gibberellins, cytokinins, volatile organic compounds, polysaccharides, and amino acids, which stimulate both root and aerial plant growth.

HARMONISE® SUPER 6 facilitates the formation of biofilms around the rhizosphere, ensuring the colonisation of beneficial microorganisms on plant roots promoting the production of metabolites for enhanced root and plant development.

HARMONISE® SUPER 6 contributes to effective soil regeneration strategies by gradually enhancing the population of beneficial microorganisms. This process accelerates the degradation of organic matter and improves the soil's physicochemical and biological properties. Furthermore, it enhances nutrient availability, particularly phosphorus, potassium, iron, and silicon.

CONTENT AND GUARANTEED CONCENTRATIONS

Plant Growth Promoting Rhizobacteria (PGPR) content:	$2*10^8$ CFU/ml
Bacillus subtilis (strain BC03-Bss)	10.00% (w/w) / 10.30% (w/v)
Bacillus megaterium (strain BC07-Bmeg)	10.00% (w/w) / 10.30% (w/v)
Bacillus pumilus (strain BNT-10-Bp)	10.00% (w/w) / 10.30% (w/v)
Bacillus mojavensis (strain BcBm01)	10.00% (w/w) / 10.30% (w/v)
Bacillus amyloliquefaciens (strain BC04-Ba)	10.00% (w/w) / 10.30% (w/v)
Pseudomonas fluorescens (strain BC06-Pf)	10.00% (w/w) / 10.30% (w/v)

RATES

CROP	METHOD	RATE	CRITICAL COMMENTS
Vegetables, Flowers	Fertigation	2.5 – 5 L/ha	4– 8 applications per season. First application: 5 L/ha ten days after trans- plant. Rest of applications: 2.5 L/ha every 15 or 20 days. Recommended: 20 – 25 L/ha/season.
Berries	Fertigation	2.5 – 5 L/ha	4 – 8 applications per season. First application: 5 L/ha ten days after trans- plant. Rest of applications: 2.5 L/ha every 15 or 20 days. Recommended: 20 – 25 L/ha/season.
Potato	In-furrow Spray (ground)/ Fertigation	3 – 5 L/ha	1 – 3 applications per season. a. In-furrow, at planting: 3 L/ha b. Vegetative growth (BBCH 10 – 39): 5 L/ha c. Tuber initiation (BBCH 40): 5 L/ha
Fruit & Nut trees, Viticulture	Fertigation	5 – 10 L/ha	3 – 5 applications per season. First application: 10 L/ha at bud burst. Rest of applications: 5 L/ha. Recommended: 20 – 30 L/ha/season.
All cereals, Legume, Canola, Sorghum, Maize, Sugarcane	In-furrow Spray (ground)	3 – 5 L/ha	3 – 5 L/ha Apply in-furrow at planting or directly over rows at emergence.

CERTIFIED FOR USE IN ORGANIC FARMING

TECNOLOGÍA ELICITOR TEC

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