



made in Germany



BIOSTIMULANT WITH FULVIC ACIDS

FULVAGRA® WSG 90 is a condensed, water-soluble, bioactive growth promoting product based on natural aquatic fulvic acids. Fulvic acids stimulate root development and plant metabolism and increase the resistance of plants against abiotic stress factors. Fulvic acids act as natural chelators, mobilize nutrients in soils and increase their absorption by the plant.

Due to the small molecular size, fulvics can be taken up by the plants via the leaf surface and roots.

FULVAGRA® WSG 90 can be used for both foliar and soil applications or in hydroponic systems. It can be combined with fertilizers or pesticides. (Pre-mixing test advised.)

BENEFITS & RECOMMENDED APPLICATION

- Increases the germination of seeds and supports root development
- Acts as natural complexing agent and increases fertilizer use efficiency in the soil and promotes nutrient uptake by plants
- Stimulates vigorous root development
- Increases the yield and improves plant quality
- Increases the cation exchange capacity (CEC) in soil
- increases the microbial activity in the soil
- Easy to handle, with good technical compatibility and miscibility with other additives
- Stimulates enzymatic activity and increases the plant's own defenses against abiotic Stress factors
- Promotes the collection and transport of micronutrients contained in leaf fertilizers

FIELDS OF APPLICATION

- Agriculture
- Vegetable Production
- Fruit Production
- Substrate Cultivation
- Turf and Landscaping
- Seed Treatment

RECOMMENDED APPLICATION RATES*

Soil	10 – 12 kg/ha divided into several applications (1 – 2 kg/ha) during the vegetation period
Foliar	0.2 kg/100 L water every two weeks during the vegetation period Substrates
Substrates	0.1 – 0.2 kg/m ³
Seeds	0.1 % or 100 g/100 kg seed dressing according to thousand grain weight (T.G.W.)
Hydroponics	10 – 20 g/1000 L nutrient solution during the cultivation cycle

* These are standard recommendations that can vary according to soil properties, cultivated crop and local system conditions.

INHERENT COMPOSITION (Typical values based on Dry Matter)

Total Humic Acids ^{1/2}	70 – 75 %	Organic Substance	75 – 80 %
Humic Acid ¹	8 – 9 %	pH – value	8 – 8.5
Fulvic Acid ¹	63 – 64 %	Sodium (Na)	13 %
Dry Matter	90 – 95 %	Bulk Density	0.6 kg/L

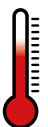
¹ according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method

² according to CDFA 75 % | Colorimetric method 80 %

STORAGE

Store in a dry place, protected from frost, heat and direct sunlight.

STORE OUT OF THE REACH OF CHILDREN



DELIVERY SPECS



German technology

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