# Fulvihum

***Soil nutrient based on humic and fulvic acids***

***Humic and fulvic acid complex***

*FULVIHUM is a complex of humic and fulvic acids with high biological activity, capable of increasing the soil's organic matter content.*
*The application of humic and fulvic acids is essential for intensively cultivated, humus-poor soils, where a lack of organic matter leads to salinization and calcification, resulting in a decline in beneficial microorganisms.*
*Humic acids are very long organic molecules that, due to their colloidal nature, "complex" large quantities of nutrients and transport them to the plants.*
*Fulvic acids are capable of neutralizing pesticide residues and toxic substances released by crop roots within the soil. They stimulate the plants' immune systems and increase their resistance to disease. They intensify photosynthetic processes, even under "short-day" conditions and during prolonged periods of cloud cover, and promote cell division and elongation.*

- *Improves the soil's microbiological, physical, and chemical characteristics.*
- *Boosts plant development, health, and root activity.*
- *Promotes beneficial microbial regeneration and reduces salinity in treated soils.*
- *Facilitates soil remediation by "immobilizing" toxic residues released by roots and promoting their subsequent degradation.*
- *Helps control excessive vegetative growth, keeping plants more "compact" and ensuring a better balance between the vegetative and reproductive phases.*
- *Thanks to its complexing and carrier capabilities, it ensures greater uptake of nutrients present in the soil and those from any fertilizers with which it is combined.*

***REGISTRATION***
*SIAN Registry No. 0018907/17*

***COMPOSITION (% w/w)***
*Organic nitrogen (dry basis) 0.7*
*Fulvic carbon (as-is) – C (FA) 1.6*
*Humic carbon (as-is) - C (HA) 6.0*
*Carbon/Nitrogen - C/N 40*
*Humification degree 80*
*Carbon isotopic ratio 24*

***PHYSICAL PROPERTIES***
*pH (1% solution) 10*
*Density (g/ml @ 20°C) 1.1*
*Color Dark brown*

***FORMULATION***
*Soluble liquid*

***PACKAGING***
*5 kg container*
*20 kg container*
*1100 kg tank*

***SHIPPING UNIT***
*4 x 5 kg containers*
*32 x 20 kg containers;*
*1100 kg tank*

***APPLICATION***
*Root application*

*5 kg*

*20 kg*

*1100 kg*

| ***MODE OF USE*** | ***CULTURE*** | ***WHEN TO APPLY IT*** | ***DOSES*** |
|---|---|---|---|
| *Radical* | *Fruit, vegetable, and ornamental crops; industrial crops.* | *2–4 applications throughout the cycle* | *30 – 50 kg/ha* |

*Precautions: Shake the product well before use. Conduct preliminary tests if mixing with other products. Adhere to the specified dosages. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +30°C.*