



## PROVIDES ORGANIC MATTER PROTECTS AND FAVORS SOIL FERTILITY STIMULATES ROOT UPTAKE

HUMIFILL PS is a 100% highest purity humic extracts formulation. It is recommended for tank mixes with microelements, in particular iron and manganese, as HUMIFILL PS facilitates their availability and root uptake. HUMIFILL PS, when added to nutritive solutions, gives good results in hydroponics too. It is also recommended to use in a mix with ordinary fertigation products. In case of transplanting roots, together with the "soil cake", must be soaked in the product mixed in water, with seedlings to be shaken before being planted to eliminate the excess of product. When applied to the soil, either on open field or small plots, it improves the Cation-Exchange Capacity (CEC) and the uptake of available elements, it affects the soil physico-chemical properties by triggering the formation of stable soil aggregates and it favors soil microorganisms' proliferation.

CROP	TIME OF APPLICATION	DOSE FOGLIARE*	FERTIGATION DOSE*
Stone fruits (Plum, Peach, Nectarine, Cherry, Apricot) e Pome fruits (Pear, Apple, Quince)	From vegetative restart to flowering and post-fruit set, to favor fruit growth and size	1-2 kg	10-20 kg
Grapes	Vegetative restart, flowering	1-2 kg	10-20 kg
Olive e Citrus (Tangerine, Lemon, Clementine, Bergamot, Orange)	Vegetative restart	1-2 kg	10-20 kg
Kiwifruit	Vegetative restart, flowering	1-2 kg	10-20 kg
Strawberries	From early vegetative phases, every 10-15 days, or whenever a prompt vegetative recovery is required	1-2 kg	10-20 kg
Fruiting vegetables (Pumpkin, Zucchini, Tomato, Pepper, Melon, Eggplant, Cucumber, Watermelon)	Post-transplanting, pre- and post-flowering, pre-veraison (change of color)	1-2 kg	10-20 kg
Leafy vegetables (Spinach, Celery, Escarole, Rocket, Radicchio, Lettuce, Chicory)	Post-transplanting	1-2 kg	10-20 kg
Industrial crops (Tobacco, Soybeans, Industrial tomato, Sunflower, Cotton, Rapeseed, Sugarcane, Beets)	Early vegetative phases	1-2 kg	10-20 kg
Flowers and ornamentals	From early vegetative phases, or whenever a prompt vegetative recovery is required	1-2 kg	10-20 kg

COMPOSITION		PHYSICO-CHEMICAL FEATURES	
Organic nitrogen (N)	0.90%	<b>SOLUBLE POWDER</b>	
W/W organic matter	75%	pH (sol 1%)	9.3
Organic matter on dry matter	85%	Conductivity E.C. $\mu\text{S}/\text{cm}$ (1‰)	207
Umified organic matter as a percentage of organic matter on dry matter	93%	<b>METHOD OF USE</b>	 
C/N ratio	47.2		
Extractant medium	KOH	Foliar fertilization	Fertigation

**PACKAGING: 1 - 10 KG**

**NOTE:** HUMIFILL PS can be used for seed treatment on rice, soybeans, potato, corn and wheat:

- Small seeds: 200-300 g/100 kg seeds, diluted in given water volume;

- Large seeds: 100-150 g/100 kg seeds, diluted in given water volume.

HUMIFILL PS can be applied on crop residues (corn stalks, wheat and soybeans stubble, beets leaves and crowns) to foster rapid humification of the organic matter. The dose rate is 2-2,5 kg/ha diluted in 500/1000 liters of water, to be uniformly applied on previously chopped residues and before ploughing.

\*The choice of the dose is subordinated to various factors and can be varied when necessary. All applications can be repeated in relation to the different crop needs. You can contact our Technical Service for the correct application on specific soils and under specific climate conditions.\*