



## IMPROVES NUTRIENT UPTAKE BOOSTS CROP DEVELOPMENT ENHANCES SOIL FERTILITY

HUMIFILL L is a highly concentrated suspension of active humic substances, consisting of a humo-proteic complex. The appropriate presence of humic and fulvic acids, in a balanced ratio, makes HUMIFILL L an efficient formulation both at foliar and root level.

It has a direct nutritive function at foliar level, thanks to its readily available organic nutrients, and an indirect activity that is expressed by increased cell membranes' permeability, which facilitates the epigeal absorption of macro- and microelements. At root level HUMIFILL L stimulates new growth on roots and triggers the Cation-Exchange Capacity (CEC) with improved micro elements' availability, especially iron and phosphorus.

HUMIFILL L can be applied to limit disorders that might originate from pest control and herbicide applications; in this case the combination with RA.AN L 13186 is recommended.

CROP	TIME OF APPLICATION	DOSE FOGLIARE*	FERTIGATION DOSE*
Grapes, Stone fruits (Plum, Peach, Nectarine, Apricot, Cherry), Pome fruits (Pear, Apple, Quince), Olive, Citrus (Tangerine, Lemon, Orange, Bergamot, Clementine) e Kiwifruit	Pre- and post-flowering, fruit enlargement	3-5 kg	25-50 kg
Strawberries	At vegetative restart, fruit enlargement	3-5 kg	25-50 kg
Walnut e Hazelnut	From vegetative restart to fruit enlargement	3-5 kg	25-50 kg
Fruiting vegetables (Pumpkin, Zucchini, Tomato, Pepper, Melon, Eggplant, Cucumber, Watermelon)	From post-emergence or post-transplanting, every 8-10 days	3-5 kg	25-50 kg
Leafy vegetables (Spinach, Celery, Escarole, Rocket, Radicchio, Lettuce, Chicory)	From post-emergence or post-transplanting to harvest, every 10-15 days	3-5 kg	25-50 kg
Industrial crops (Tobacco, Soybeans, Industrial tomato, Sunflower, Cotton, Rapeseed, Sugarcane, Beets)	From early vegetative phases	3-5 kg	25-50 kg
Flowers and ornamentals	From transplanting or emergence, every 8-10 days	3-5 kg	25-50 kg

COMPOSITION		PHYSICO-CHEMICAL FEATURES	
Organic nitrogen (N)	0.70%	<b>LIQUID</b>	
W/W organic matter	13%	pH (sol 1%)	8.3
Organic matter on dry matter	61%	Conductivity E.C. $\mu\text{S}/\text{cm}$ (1‰)	133
Umified organic matter as a percentage of organic matter on dry matter	82%	Density ( $\text{g}/\text{cm}^3$ )/Specific weight	1.10
Potassium oxide ( $\text{K}_2\text{O}$ )	4.30%	<b>METHOD OF USE</b> 	
C/N ratio	43.5		
Extractant medium	KOH	Foliar fertilization	Fertigation

**PACKAGING: 5 - 25 KG**

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

- Small seeds: 0,8-1 kg/100 kg of seeds;
- Large seeds: 0,4-0,5 kg/100 kg of seeds.

HUMIFILL L 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 8-10 kg/ha, 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.\*