PANAMIN
AUSTRIA

IMMUNE STIMULANTS FOR ALL CROPS



PANATECHNOLOGY

ENVIRONMENT FRIENDLY SOLUTIONS FOR SUSTAINABLE AGRICULTURE

PANAMIN FULVIC

PANAMIN
AUSTRIA

PANAMIN FULVIC

• **Panamin Fulvic** is a new generation foliar and soil activator. **The proven over the years** immune stimulating effect of **Panamin Suspension** turned it into the best protector of yield potential. The latest formulation of **Panamin Fulvic** has enhanced function of fulvic and humic acids for a wider spectrum of action.

Humic acids are extracted from the natural raw material young leonardite (deceased vegetation over 100 thousand years old). The unique technology of extracting humic acids using potassium allows a higher concentration of fulvic acids than of humic acids. Fulvic acids are a subdivision of humic acids with similar characteristics but unlike them, fulvic acids are composed of small 100% water-soluble molecules, which allow maximum absorption through the leaves. Humic acids contribute to:

• Increased immune response of the plants to adverse climatic conditions, such as drought, water logging and temperature amplitudes. Forming a micellar coating on the leaves, which further impedes the penetration of fungal pathogens.

• optimal absorption of nutrients and their transport from the root to the leaves

• transformation of the unavailable nutrients in the soil into a form digestible by plants, blocking the heavy metals

• Better reproduction of soil microorganisms, increased level of carbon, restoration of the soil fertility and absorption of moisture.

Fulvic®
www.panamin.es

COMPOSITION	
Potassium fulvate	50 g
Fulvic acids	4,29%
Humic acids	2,86%
Organic matter	11,2%
Organic carbon	7,87 %
Calcium carbonate ($CaCO_3$) of which Calcium oxide (CaO)	38,11% 18,48%
Magnesium carbonate ($MgCO_3$) of which Magnesium oxide (MgO)	4,76% 2,21%
Silicon dioxide (SiO_2)	16,8%

TRACE ELEMENTS	
Potassium oxide (K_2O)	0,91%
Phosphate (P_2O_5)	0,01%
Iron oxide (Fe_2O_3)	0,52%

PARAMETER	
Density	1,43
pH value	9,5
Application rate	2-3 L/Ha (1-3 treatments)
	6-10 L/Ha soil treatment

APPLICATION	
Foliar	2-3 L/Ha
Soil treatment	6-8 L/Ha

PANAMIN
AUSTRIA

PANAMIN
AUSTRIA

PANAMIN FULVIC



The innovative organic-mineral mix of micronized volcanic rocks and humic acids allows the crops to reveal their maximum yield potential despite adverse climatic and soil conditions, and also neutralize pesticide stress. It contributes to increased yield and quality indicators. For best results, apply **Panamin Fulvic** on the soil on plant residues from late summer until sowing. The soil application will not only decompose the plant residues but, because of the enhanced activity of all microorganisms, it will return the residual nutrients in them back to the soil. This application is recommended for reduced fertilization rates. **Panamin Fulvic** is for foliar application as 0.5-1% stock solution from the beginning of the active spring growth, and is recommended for application together with plant protection products. For mixed winter crops, seed treatment and fall foliar application after the 3rd leaf phase are recommended along with insecticidal control. For best results, use the combinations of **Panatechnology**.

PANATECHNOLOGY RECOMMENDATIONS:
Panamin Fulvic 1-2 L/Ha + Panatop Alga Max 0,5-1 L/Ha
or with Panatop Amino D 1-2 L/Ha; Panatop BLOOM 1-1,5 L/Ha;
Panatop Amino Zn 1-1,5 L/Ha

IMMUNE STIMULANTS FOR ALL CROPS

PANAMIN
AUSTRIA



PANATECHNOLOGY

CONTACTS:

03004, Alicante
Av. Alfonso Al Sabio 20

Tel. 654 481 331
office@panamin.es