

LIQUID**DESCRIPTION**

FULVITAL® Plus Liquid is an extreme bioactive low molecular weight substance of fulvic acid and several important trace elements, which is readily soluble in both acid and weak base. It consists of very complex molecules which are combined and recombined during the growing process, becoming the high complex natural substance. It also contains latent solar energy hidden deep within its complex molecular structure which is originated from photosynthesis of the plants of origin. This is partly responsible for most unusual properties and bioactive nature of fulvic acids.

ORIGIN

FULVITAL® Plus Liquid is gained through extraction from wood coal and chelates Iron (Fe), Zinc (Zn), Manganese (Mn) and Copper (Cu) into a water soluble form. It provides a very high content of Fulvic acid and further biologically active micro nutrients.

**COMPOSITION:** (Typical analysis)

Organic Matter	18% min
Dry Matter	29% min
Fe	1.2%
Zn	0.8%
Mn	0.6%
Cu	0.4%
Mg	1.9%
S	1.3%
Insoluble parts	< 0.5%
pH-value	4-5
Product type	Liquid

FORM OF DELIVERY

IBC Cont.

Can
5/10/20LBottle
1L**Organic Micronutrient
Deficiency Corrector****Liquid Fulvic Acid and Micronutrients (Fe/Zn/Mn/Cu)
FOR HYDROPONIC
CULTURE AND FOLIAR APPLICATION****BENEFITS**

FULVITAL® Plus Liquid is extracted from wood coal and chelates 1.2% Fe, 0.8% Zn, 0.6% Mn and 0.4% Cu into a water soluble form. The fact that fulvic acids have a low molecular weight enables them to penetrate the cell membranes of the roots and leaves, transporting chelated metals to the plant's inner parts.

- Supports the plant with organic chelated Fe, Zn, Mn and Cu ensuring no deficiency of them
- Chelates with plant nutrients to improve their uptake by plants, and reduces their immobilization in the soil
- Improves the root growth and its biomass building
- Promotes quicker seed germination and faster root and shoot growth

- Provides a valuable source of carbon for soil microorganisms
- Stimulates enzymic systems in plants to increase plant respiration
- Improves moisture retention in plants and reduce moisture stress
- Stimulates the growth of microorganisms since it is a rich source of food for them. Total cationic exchange capacity is increased due to its colloidal characteristic
- Is considered as an active sequestering agent. Its high sequestering power of mineral elements unblocks the nutrients in the soil, allowing its assimilation by the plants
- Fulvic acids take part in a great number of plant enzymes

DIRECTION FOR USE ***FULVITAL® Plus Liquid**

CROP	OBJECTIVE	RECOMMENDED APPLICATION
In all crops	Micro nutrient deficiency correction, increase of fertilizer utilization	10-12 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L)
Vegetables in green houses (tomatoes, bell peppers, eggplants, cucumbers, zucchini)	Micro nutrient deficiency correction, increase of fertilizer utilization	10 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L) during the season
Horticultural trees (kiwi, citrus groves, banana, wine grapes stone fruit)	Micro nutrient deficiency correction, increase of fertilizer utilization	10-12 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L) during the season
Open field vegetables	Micro nutrient deficiency correction, increase of fertilizer utilization	10 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L) during the season and fertilizer application
Cereals (wheat, rye, barley, oat, maize, rice, etc.), potatoes, beans, peanuts	Micro nutrient deficiency correction, increase of fertilizer utilization	8-10 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L) during the season
Ornamental plants and forest nursery landscaping, turf grass (in general)	Micro nutrient deficiency correction, increase of fertilizer utilization	8-10 L/ha or 2 L/m during the preparation of substrates
Soil application	Increase of soil fertility and fertilizer utilization	10-12 L/ha divided into several doses (2-3 L/ha during the season application)

* This recommendation could be varied according to the soil characteristics and farm conditions

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