

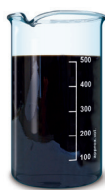
LIQUID

DESCRIPTION

FULVITAL® Plus Liquid is a highly bioactive low molecular weight material consisting of fulvates and several important trace elements, which is readily soluble in both acidic and basic media. It consists of very complex molecules which are combined and recombined during the growing process, resulting in a high complex natural substance. It also contains "latent solar energy" within its complex molecular structure, originating from photosynthesis of the plants of origin. This is part of the reason for the unusual properties and bioactive nature of fulvates.

ORIGIN

FULVITAL® Plus Liquid is obtained through extraction from wood coal (lignite), and the extract is mixed with soluble forms of iron (Fe), zinc (Zn), manganese (Mn) and copper (Cu). It provides a very high content of fulvates and additional biologically active micronutrients.



COMPOSITION: (Typical analysis)

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

FORM OF DELIVERY



IBC container (Intermediate Bulk Container) 5 L, 10 L, and 20 L Can 1 L Bottle 1 L



Organic Micronutrient Deficiency Corrector



Liquid Fulvates and Micronutrients (Fe, Zn, Mn, Cu) FOR HYDROPONIC CULTURE AND FOLIAR APPLICATION

BENEFITS

FULVITAL® Plus Liquid is extracted from wood coal (lignite), and includes chelates of Fe (1.2%), Zn (0.8%), Mn (0.6%), and Cu (0.4%) in water soluble form. The fact that fulvates have low molecular weights enables them to penetrate the cell membranes of the roots and leaves, transporting chelated metals to the inner parts of the plants.

- Supports the plant with organic chelated Fe, Zn, Mn and Cu
- Improves the uptake of nutrients by plants and reduces immobilisation of the nutrients in the soil
- Improves root growth and biomass build-up
- Promotes quicker seed germination and faster root and shoot growth

- Provides a valuable source of carbon for soil microorganisms
- Improves moisture retention in the soil and reduces moisture stress
- Increases the total cation exchange capacity due to its colloidal characteristic
- Acts as an active sequestering agent. Its high chelating ability for mineral elements unblocks major nutrients in the soil, allowing their assimilation by plants

DIRECTIONS FOR USE* FULVITAL® Plus Liquid

CROP	OBJECTIVE	RECOMMENDED APPLICATION
In all crops	Micronutrient deficiency correction, Increasing of fertilizer utilisation	10-12 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L)
Vegetables in greenhouses	Micronutrient deficiency correction, Increasing of fertilizer utilisation	10 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L) during the season
Horticultural fruit trees	Micronutrient deficiency correction, Increasing of fertilizer utilisation	10-12 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L) during the season
Open field vegetables	Micronutrient deficiency correction, Increasing of fertilizer utilisation	10 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L) during the season and at fertilizer application
Cereals, potatoes, legumes	Micronutrient deficiency correction, Increasing of fertilizer utilisation	8-10 L/ha divided into several doses (2-3 L/ha or 0.5 L/1000 L) during the season
Ornamental plants and tree nursery, landscaping, turf grass (in general)	Micronutrient deficiency correction, Increasing of fertilizer utilisation	8-10 L/ha or 2 L/m ³ during the preparation of substrates
Soil application	Increasing of soil fertility and fertilizer utilisation	10-12 L/ha divided into several doses (2-3 L/ha each, over the course of the growing season).

* This recommendation may be varied according to the soil characteristics and local conditions



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