Status as of June 2015

WATER SOLUBLE

Organic Trace Elements Deficiency Corrector

Plus FULVITAL® WSP

Fulvates and Trace Elements (Fe, Zn, Mn, Cu)

FOR HYDROPONIC CULTURE AND FOLIAR APPLICATION

DESCRIPTION

FULVITAL® Plus WSP is a very bioactive composition containing low molecular weight fulvates with several important trace elements. It is readily soluble in both acidic and weakly basic media It consists of very complex molecules which are combined and recombined during the growing process, becoming the highly complex natural material. 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 its unusual properties and bioactive nature.

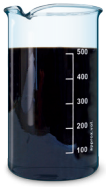
ORIGIN

FULVITAL® Plus WSP is obtained through extraction from wood coal. It has the property of chelating iron (Fe), zinc (Zn), manganese (Mn) and copper (Cu) into water soluble species. It provides a very high content of fulvates with several biologically active trace elements.

BENEFITS

FULVITAL® Plus WSP is extracted from wood coal, and provides chelates of Fe (4%) Fe, Zn (2.5%), Mn (2.5%), and Cu (1%) in water soluble form. The fact that fulvates have a low molecular weight enables them to penetrate the cell membranes of the roots and leaves, transporting chelated metals to the inner parts of the plant.

- Nourishes the plant with organic chelated Fe, Zn, Mn and Cu
- Improves the uptake of nutrients by plants and reduces the immobilisation of important 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 total cation exchange capacity due to its colloidal characteristics
- Acts as an active sequestering agent. Its high chelating ability for mineral elements unblocks major nutrients in the soil, allowing their assimilation by plants



COMPOSITION: (Typical analysis)

Organic matter	60% minimum
Dry matter	90% minimum
Fe	4.0%
Zn	2.5%
Mn	2.5%
Cu	1.0%
N	2.2%
S	3.5%
Insoluble constituents	< 1.0%
pH value	3-4
Product type	Water soluble powder

FORM OF DELIVERY

Bag 20 kg — Cardboard box 10 kg

DIRECTIONS FOR USE* FULVITAL® Plus WSP

CROP	OBJECTIVE	RECOMMENDED APPLICATION
In all crops	Prevention and correction of trace element deficiency, and increasing of plant vitality and fertilizer utilisation	4-5 kg/ha divided into several doses (1-2 kg/ha or 150-300 g/1000 L)
Vegetables in greenhouses	Prevention and correction of trace element deficiency, and increasing of plant vitality and fertilizer utilisation	4-5 kg/ha divided into several doses (1-2 kg/ha or 150-300 g/1000 L) during the season
Horticultural fruit trees	Prevention and correction of trace element deficiency, and increasing of plant vitality and fertilizer utilisation	4-5 kg/ha divided into several doses (1-2 kg/ha or 150-300 g/1000 L) during the season
Open field vegetables	Prevention and correction of trace element deficiency, and increasing of plant vitality and fertilizer utilisation	4-5 kg/ha divided into several doses (1-2 kg/ha or 150-300 g/1000 L) during the season, and at fertilizer application
Cereals, potatoes, legumes	Prevention and correction of trace element deficiency, and increasing of plant vitality and fertilizer utilisation	3-4 kg/ha divided into several doses (1 kg/ha or 150-300 g/1000 L) during the season
Ornamental plants and tree nursery, landscaping, turf grass (in general)	Prevention and correction of trace element deficiency, and increasing of plant vitality and fertilizer utilisation	3-4 kg/ha or 1 kg/ m3 during the preparation of substrates
Soil application	Increasing of soil fertility and fertilizer utilisation	4-5 kg/ha divided into several doses (1-2 kg/ha) during the season and at fertilizer application

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

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