

L I Q U I D

DESCRIPTION

FULVAGRA® 25 Liquid is an extremely bioactive growth promoting and soil improving agent in liquid form with a high concentration of natural fulvic acids. **FULVAGRA® 25 Liquid** is 100% water-soluble and suitable for all crop and garden cultures for foliage and soil application. It may be used alone or in combination with soluble fertilisers and currently, plant protection agents.

ORIGIN:

FULVAGRA® 25 Liquid is obtained from high-humic sources. It is gently concentrated during subsequent processing. No further chemical additives are added. This process is patented and a guarantee for the constant high quality and the unmistakable clear, golden-yellow colouring.



COMPOSITION: (Typical analysis)

Fulvic acid	17%
Humic acid	3,0%
Organic substance	22%
Other minerals	3%
pH value	7,5-8
Water solubility	100%
Density	1,10 kg/litre
Product type	Liquid

SDS: <http://www.dguv.de/ifa/gestis/isi-informationssystem-fuer-sicherheitsdatenblaetter/index.jsp>; Idencode: 17a

SUPPLIED FORMAT



IBC Cont. 1000 litres
Canister 5/10/20 litres
Bottle 1 litre



Liquid fulvic acid, an organic bio-stimulant for encouraging plant growth, increasing stress tolerances and improving the take up of nutrients



BASIC LIQUID 25 FULVAGRA®

HIGHLY CONCENTRATED AQUATIC FULVIC ACID

For use on foliage and soil

USES

Due to the size of the molecules, the fulvic acids in **FULVAGRA® 25 Liquid** can easily be taken in via the leaves and the roots. In addition, the chelating effect favours the take-up and transport of secondary macronutrients and micronutrients within the plant. **FULVAGRA® 25 Liquid** improves not only the utilisation of nutrients from fertilisers, but also the mobilisation and availability of determined nutrients in the soil.



- Increases the yield and improves the quality of the plants
- Stimulates enzymatic activity and increases the plants own defences against abiotic stress factors
- Promotes the take-up and transport of micronutrients in foliage fertilisers
- Acts as an antioxidant against free radicals and thus prevents cell damage
- Promotes root growth
- Increases the germination of seeds and supports radicle development
- Increases the microbial activity in the soil since it represents a valuable carbon source for microorganisms
- Increases the cation exchange capacity (CEC) of the soil
- Acts as natural chelator for essential nutrients in the soil and increases their usability for the plants

RECOMMENDATIONS FOR USE*

CULTIVATED PLANTS	RECOMMENDED USE
Vegetables and decorative plants (greenhouses), cereals, potatoes, legumes, sugar beet, nurseries, gardening and landscaping, lawns, fruit growing	Foliage application: 0.5% solution, 200 - 1000 litres/ha; Soil application: 30-50 litres/ha and year; in 200 - 1000 litres water; total amount may be split into 2-3 individual applications.
Liquid fertilisation (channel irrigation, hydroculture)	10-20 ml/1000 litres fertiliser solution
Seed treatment	Submersion of seed in a 0.05% solution (5 ml/10 litres water), for approximately 5 hours, then dry
Plant substrate: (e.g. potting soil, tree substrate)	300 - 500 ml/m plant substrate: Dilute Fulvagra to ensure good distribution within the substrate

* Recommendations may vary according to soil properties and crop growing situation.

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