

OMEX BioHumate

FUNCTION

OMEX BioHumate acts on the soil to form complexes, or weak chelates with minerals, making them more available to the growing plants. OMEX BioHumate also provides a source of energy to beneficial microorganisms in the soil solution, such as algae, mycorrhizae, fungi, bacteria, etc. which improves soil fertility and promotes plant growth and resistance to diseases.

DESCRIPTION

OMEX BioHumate is a dark brown - black liquid containing 16-17% Humic acids. Humic substances are produced by the microbial degradation of ancient dead plant matter such as lignin and coal. Humic acids exist in three main forms; humic acids, fulvic acids and humin.



Analysis of OMEX BioHumate

		Wt/Wt
Humic Acid (m/m)		16.80%
Nitrogen	N	1460 mg/kg
Phosphorous	P	221 mg/kg
Potassium	K	2195 mg/kg
Magnesium	Mg	37 mg/kg
Calcium	Ca	25 mg/kg
Copper	Cu	2.8 mg/kg
Zinc	Zn	4.5 mg/kg
Iron	Fe	1280 mg/kg
Manganese	Mn	0.6 mg/kg
Cobalt	Co	<0.2 mg/kg
Sulphur	S	909 mg/kg
Boron	B	71 mg/kg
Iodine	I	0.3 mg/kg
pH (10% solution)		8.00-12.00
Specific Gravity		1.1-1.3 @ 18°C

DIRECTIONS FOR USE:

Apply directly to the soil at a rate of 5.0 to 10.0L/ha in a water volume of 200-400L water/ha.

