

Dissolvine ABC

Application Suitable in agriculture and horticulture as foliar feed and in soil applications.

Specifications	Item	Specification		
		Method of analysis available on request		
	Appearance	Green microgranules		
	pH (1% solution)	5.5 - 7.5		
	Nutrient	Chelating agent	Typical* %	Minimum %
	Boron (B)	inorganic	0.5	0.4
	Copper (Cu)	EDTA	1.5	1.2
	Iron (Fe)	EDTA	4.0	3.6
	Magnesium (Mg)	inorganic	1.85 (= 3.0% MgO)	1.48
	Manganese (Mn)	EDTA	4.0	3.6
	Molybdenum (Mo)	inorganic	0.10	0.08
	Zinc (Zn)	EDTA	1.5	1.2
	Product meets requirements for an EC-fertiliser			
	* EC-fertiliser label value.			

Main Characteristics Dissolvine ABC is a stable, water-soluble and non-dusting mixture of metal chelates; Iron, manganese, copper, zinc are present in a chelated form.

Item	Characteristic
Stability of chelated elements:	
Cu-EDTA stable within pH	1.5 - 10
Fe-EDTA stable within pH	1.5 – 6.5
Mn-EDTA stable within pH	3 – 10
Zn-EDTA stable within pH	2 – 10
Optimal overall pH stability within	3.5 – 6.5
Bulk density tapped	approx. 700 – 900 kg/m ³
Bulk density untapped	approx. 500 - 700 kg/m ³
Solubility in water	> 200 g/l
Typical Sulfur (S) level is 2.5% (equivalent to 6.2% SO ₃ or 7.5% SO ₄)	
Typical Potassium (K) level is 10% (equivalent to 12% K ₂ O)	

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Packing

Packing 1 Kg and 20 Kg

Storage

Store in original packing at a dry place at ambient temperature (below 25 °C).

It is advised to re-test after three years of storage. Exposure to sunlight may cause degradation of the product.

Chemical Name

Ethylenediaminetetraacetic acid complex of iron, manganese, copper, zinc, and unchelated boron, molybdenum and magnesium

Environmental Aspects

Inherently biodegradable.