

Nitrogen-Copper water-soluble powder fertilizer

bio
Suitable
for organic
agriculture

Dia-CU

For the correction of Copper deficiencies of all cultures

4 - 0 - 0 + 10Cu

Dia-CU is a water soluble fertilizer which provides organic nitrogen, amino-acids and copper in chelated form. Thanks to its composition, **Dia-CU** is easily absorbed by the leaves tissues and is infiltrated in the plant achieving a fast correction of copper and nitrogen deficiencies and the stimulation of cellular functions. Simultaneously, thanks to high copper concentration it suspends the growth of bacteria and fungi.

PROPERTIES-USE

Dia-CU can be used on all cultures offering the following benefits:

- * It corrects fast and efficiently copper and nitrogen deficiencies
- * It increases the vigor and the resistance of plants against various environmental and biotic factors.
- * It stimulates the growth of the plant
- * It contributes to the enhancement of cellular functions inside the plant.
- * It improves the productivity of the plants
- * It improves the qualitative characteristics of the harvest.

COMPATIBILITY

It can be combined with almost all fertilizers and chemical products. Do not combine it with products which contain beneficial microorganisms (bacteria, fungi). All water-soluble powders can be mixed with **Dia-CU** after pre-dilution. Consult the instructions of manufacturers of pesticides before mixing them with **Dia-CU**. In any case it is recommended to perform a compatibility test before mixing in the tank.

STORAGE

Keep tightly closed and stored in its packing. Store far from humidity, frost, high temperatures and intense light. Keep it out of the reach of domestic animals.

1 kg 5 kg 20 kg

Produced by

HUMOFERT 

1 Ermou & Theotokopoulou
Metamorphosis, Greece
Tel.+30 210 284 8891, Fax.+30 210 281 7971
Web Site: www.humofert.gr
E-mail: info@humofert.gr

COMPOSITION	(% w/w)
Copper (Cu)	10,0
Nitrogen (N)	4,0
Organic N	4,0
Aminoacids	28,0
pH	6,0
Conductivity (mS/cm)	21,4
Salinity (ppt)	11,8

CAUTION



Acute oral toxicity (cat. 4)

Eyes irritation (cat. 2)

Hazard statements:

H 302: Harmful if swallowed. (EDTA-Cu Ethylenediaminetetraacetic acid, copper-disodium salt)

H 319: Causes serious eye irritation. (EDTA-Cu Ethylenediaminetetraacetic acid, copper-disodium salt)

Precautionary statements:

P264: Wash ... thoroughly after handling. P270: Do no eat, drink or smoke when using this product. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330: Rinse mouth. P337 + P313: If eye irritation persists: Get medical advice/attention. P501: Dispose of contents/container to ...

APPLICATION METHOD-RATE

Dia-CU is indicated for vegetables, horticultural crops (open-field and greenhouse), strawberry, fruit crops citrus, vines, ornamental plants (bushes, trees), cereals, cotton, maize etc. It is recommended for foliar spraying and ground applications via fertilization-irrigation system at the following rates:

Foliar spraying: 30-125 g per 100 liters of water

Fertigation: 3-6 kg/hectare

Hydroponics: 300-600 g/500 liters of water

Note: At initial culture stages it is recommended to apply the product at minimal dosage.

NUMBER-PERIOD OF APPLICATIONS

The number of applications is determined to a great extent by the appearance and intensity of the occurring copper deficiency. The applications start when the first deficiency symptoms appear and they are continued until symptoms are eliminated.

Dia-CU can also be applied in order to improve the vigor of plants and their resistance against stress from environmental and biological factors. In this case the applications start at the beginning of the growth period and they are continued by repeating the applications every 15-30 days until the harvest.

CAUTION

It should be applied during the cool hours of the day. It should not be applied to cultures that suffer of stress caused by excessive temperatures, intense winds etc.

MIXING

It is recommended to pre-dilute the product before mixing it in the application tank. Alternatively, it is suggested to dilute gradually the product in the tank by constant stirring in order to avoid aggregation. Apply as soon as possible after dilution.

KEEP IT OUT OF THE REACH OF CHILDREN