

AMINA-SOIL

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TOTALLY WATER SOLUBLE ORGANIC FERTILIZER

TYPICAL ANALYSIS

Nitrogen (N)	16.0 %
Organic Nitrogen	6.0 %
Ammonium Nitrogen	10.0 %
Amino acids	45.0 %

Physicochemical Properties	
pH (in a 10% solution).....	4.5-5
Salinity(ppt)	58.4
Conductivity (mS/cm)	86.8

AMINA-SOIL is a totally water soluble organic fertilizer which is produced by hydrolization of natural proteins of plant origin. This production process guarantees the retention of the essential amino acids as well as a high nitrogen content (>16%).

USE

AMINA-SOIL can be used on all crops as:

- An organic nitrogen fertilizer.
- A recovery biostimulant after intense stress caused by biotic and abiotic factors, thanks to its high content in amino acids.
- A biostimulant for the improvement of quantitative and qualitative yield traits.
- Trace elements chelating agent, since amino acids enhance metal trace elements (Fe, Zn, Mn, Cu) absorption.
- Nutrition source for beneficial soil microorganisms.

PROPERTIES

- × It increases crops yield and quality.
- × It offers plants readily assimilable nitrogen.
- × It enhances plants resistance to stress.
- × It accelerates the biochemical processes which take place in plants (photosynthesis, saccharides production).
- × It promotes fruits growth.

COMPATIBILITY

AMINA-SOIL can be combined with almost all fertilizers and chemical products. All water soluble powders should be pre-diluted before being mixed with **AMINA-SOIL**. Follow the instructions of pesticides producers before mixing them with **AMINA-SOIL**. In all cases, it is suggested to perform a compatibility test before mixing in the tank.

PRECAUTIONS

Avoid contact with skin and eyes. Wash thoroughly with plenty of water every exposed body part after application. Use personal protection means (mask, uniform, gloves etc) during product application.

Net Weight

1 Kg 5 Kg 20 Kg

APPLICATIONS-RATES

AMINA-SOIL can be applied through fertigation as well as through foliar spraying according to the following rates.

Fertigation: 5-15 kg/ha

Foliar application: 50-100 g/100 L of water

APPLICATIONS NUMBER-PERIOD

Strawberries: Every 10-15 days from growth beginning till harvest.

Fruiting vegetables (tomato, pepper, aubergine, cucumber, courgette etc): Every 8-12 days from transplanting till the middle of harvest.

Foliar vegetables: Every 7-10 days, starting from the appearance of the first real leaves.

Horticultural crops (watermelon, melon etc): Every 7-12 days, starting after transplanting until complete fruits growth.

Potato: Every 10-14 days, starting from tuber formation till blossoming initiation.

Carrot, Onion, Beetroot: Every 10-15 days, starting the 2nd-3rd week after emergence till root growth.

Trees (citrus, stone fruits, olives etc): Every 10-15 days, starting before blossoming until the beginning of maturation.

Kiwi: Every 10-15 days, starting before blossoming until the beginning of maturation.

Ornamental plants, Forest trees: Every 7-12 days, from transplanting on.

Blue-grass, Urban green: Every 10-15 days.

Cereals: At the stage of 10-20 cm.

Fodders: Every 8-12 days, starting early in the spring and repeating after each cutting.

Cotton: At the beginning of blossoming and 7-12 days later.

Maize: At the stage of 15-20 cm, at the stage of 25-35 cm and before tassel formation.

CAUTION

It is suggested to pre-dilute the product before mixing in the application tank. Alternatively, it is suggested to dilute the product gradually in the tank, by constant mixing, in order to achieve an easier handling and to avoid aggregation. Apply during cool day hours.

KEEP IT OUT OF THE REACH OF CHILDREN

Produced by

HUMOFERT



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