

**Nitro-Combi** is a liquid organo-chemical Nitrogen fertilizer which contains the whole range of the available forms of nitrogen used in plant nutrition. Due to its structure, **Nitro-Combi** achieves the normal assimilation of nitrogen in the critical stages of plant growth with the minimum loss caused by evaporation and leaching. Furthermore, **Nitro-Combi** contains zinc and manganese in a readily available to the plant tissues form which promote the nitrogen metabolism in the plant cells. The high concentration of amino acids in the product increases the nitrogen uptake by the leaves and the roots and also improves the ability of plants to assimilate the soil nutrients.

#### PROPERTIES

- Promotes the growth of the above ground part of the plants.
- Covers fully the plant needs in nitrogen with low application rates due to the reduced nitrogen losses caused by evaporation and leaching.
- Provides normal and stable growth in all crops as a result of the gradual release of the nitrogen.
- Offers a powerful start's growth to the plants due to the sufficiently high percentage of organic nitrogen that derives from the contained amino acids.
- Enhances the plants productivity which results in the increase of the crop yield.
- Improves the nutrient uptake of the plants through their root system.
- Promotes the metabolic processes in the plant cells and as a result plants utilize nitrogen of **Nitro-Combi** efficiently. In this way it ensures the maximum efficiency of the fertilizer.

#### COMPATIBILITY

It can be mixed with almost all fertilizers and chemical products. **Nitro-Combi** must be the first to add in the solution. The very acid solutions must always be neutralized before mixing with the product. Follow the mixing instructions written on the label of the rest of the pesticides before mixing with **Nitro-Combi**. In any case a compatibility test is recommended before mixing in the tank.

#### CAUTION

Do NOT use when crop is under heavy stress from pests, heat or inadequate moisture levels. Do not apply during the heat of the day. Do not allow concentrated spray mist to run on fruits or leaves.

## Liquid Organo-Chemical Nitrogen Fertilizer with Micronutrients

# Nitro-Combi

22 - 0 - 0 + 0.1 Zn + 0.1 Mn

#### SYNTHESIS (w/w)

Total Nitrogen (N) .....	22.0 %
Ureic .....	9.7 %
Ammonium .....	1.5 %
Nitrate .....	1.5 %
Polymethylenic .....	7.8 %
Organic .....	1.5 %
Zinc (Zn) .....	0.1 %
Manganese (Mn) .....	0.1 %
Amino acids .....	9.0 %

Net Content

1 |  5 |  12 |  25 |  200 |

Produced by

**HUMOFERT** 

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#### APPLICATIONS - APPLICATION RATE

**Nitro-Combi** can be applied by fertigation through the irrigation/fertilization system or foliarly according to the following application rates. The application timing and the number of the applications is determined by the needs of the plant and the management program of each crop.

#### Foliar Applications

Vegetables: 1.5-5 l/ha  
Open field horticulture: 1.5-5 l/ha  
Greenhouse horticulture: 10 l/ha  
Strawberry: 6-6.5 l/ha  
Citrus: 6-6.5 l/ha  
Trees: 6.5-15 l/ha  
Vineyard: 6-12 l/ha  
Cotton, Tobacco: 5-7.5 l/ha  
Potatoes, Onions, Beets: 2.5-3 l/ha  
Cereals, Corn: 1.5-6 l/ha  
Fodders: 5-7.5 l/ha  
Ornamental plants: 0.5-1 l/200 l of water  
Ornamental trees: 1 l/200 l of water  
Urban green: 1-1.5 l/200 l of water  
Aromatic crops: 1 l/200 l of water

#### Soil Applications

Vegetables: 10-15 l/ha  
Open field horticulture: 10-15 l/ha  
Greenhouse horticulture: 20-30 l/ha  
Strawberry: 10-15 l/ha  
Citrus: 10-20 l/ha  
Trees: 10-20 l/ha  
Vineyard: 10-20 l/ha  
Cotton, Tobacco: 10 l/ha  
Potatoes, Onions, Beets: 10-15 l/ha  
Fodders: 10 l/ha  
Ornamental plants: 10-15 l/ha  
Ornamental trees: 10-15 l/ha  
Urban green: 20-40 l/ha  
Aromatic crops: 10 l/ha

#### PRECAUTIONS

Harmful if swallowed. Avoid contact with eyes and skin because it causes irritation and possible damage. Wash thoroughly every exposed body part with plenty of water and seek medical advice for the eyes. Use always personal protective equipment (mask, gloves, rubber or plastic aprons and boots) during application. Do not contaminate ground water or surface water by cleaning equipment or disposal of waste in lakes, rivers and streams.

#### STORAGE

Store in its original container, out of direct sunlight. Empty containers must not be reused. Keep out of reach of children and pets.

SHAKE WELL BEFORE ANY USE