

**STRONG-N** is a combination of a natural activator and an organic fertilizer containing 18% (w/v) humic and fulvic acids, 7% nitrogen and 3% potassium. The contained humic and fulvic acids as well as its rich micronutrient content derive from humus which has been formed from brown carbon deposits. **STRONG-N** increases the nitrogen and potassium uptake by the plants leading to optimum growth for all the crops. Furthermore, it increases the soil fertility in the following ways:

- Increases the cation exchange capacity and the water holding capacity.
- Promotes the development of a good soil structure.
- Improves the retention and the assimilation of the essential nutrients by the plants thereby reduces the loss of the applied fertilizers due to leaching and run-off.
- Stabilizes the soil against the increased acidity which is caused by the frequent fertilizer applications.
- Stimulates the beneficial microbial activity and the root growth.
- Promotes the nutrient uptake by the plants in hydroponic production.
- Oxygenates better the root system while preventing possible rots.
- Promotes the penetration and the retention of calcium in the soil.

#### BENEFITS

**STRONG-N** is applied to plants during the growth period as to increase nitrogen nutrition or correct nitrogen deficiencies (leaf yellowing or growth pause-stunting). It can be used in combination with other fertilizers for maximum efficiency. **STRONG-N** is more effective when applied foliarly or through all types of irrigation system. **STRONG-N** stimulates plant growth, improves soil structure and leads to increased yields for all crops.



## Natural activator - Organic Fertilizer

# 7 - 0 - 3

with 18%  
Humic & Fulvic  
acids

#### SYNTHESIS (w/w)

Nitrogen (N)	
Urea Nitrogen .....	7%
Phosphorus ( $P_2O_5$ )....	0.05%
Potassium ( $K_2O$ ).....	3.5%
Iron (Fe) .....	0.3%
Calcium (CaO) .....	0.03%
Magnesium (MgO)...	0.02%
Sulphur (S) .....	0.06%
Manganese (Mn)....	22 ppm



#### Net Content

5 l	<input type="checkbox"/>
12 l	<input type="checkbox"/>
20 l	<input type="checkbox"/>

#### APPLICATION RATES - USE

**STRONG-N** is used in all crops (vegetables, cereals, trees, vineyard, bushes, flowers, lawn, fodders) after diluting in the water before the application. Generally it can be applied at any time during the growth period. Foliar applications must be conducted early in the morning and must be avoided during the hot hours of the day. Since **STRONG-N** has excellent chelating properties, apply prior to the application of other fertilizers for achieving better results.

**Foliar application :** Dissolve well 1 l **STRONG-N** in 200-500 l of water and spray at an application rate 5-10 l of product / ha depending on the crop.

**Soil application :** Dissolve well 1 l **STRONG-N** in 100 l of water and apply at an application rate 10 l of product per ha.

#### APPLICATION TIMING

**1st application:** Before or during planting for transplanting crops or during planting for shrubs. **2nd application:** 5 weeks before blooming or after 4 weeks of growth. **Other applications:** Apply whenever you want to promote crop growth, increase nitrogen nutrition or correct the problems deriving from nitrogen deficiencies. Furthermore, it can be used during stress periods of the crop due to adverse weather conditions (frost, drought) or due to infections by diseases or insects, for stimulation of the root system, for improvement of the capacity of nutrition and promotion of growth.

#### COMPATIBILITY

It must NOT be mixed with contact herbicides and with oil or very acid formulations. Avoid mixing it with very acid fertilizers. A test of compatibility is always recommended before mixing in the tank.

#### CAUTION

Harmful if swallowed. Avoid contact with the skin and the eyes because it causes irritation and possible damage. Wash thoroughly the exposed part of the body with plenty of water and seek medical advice for the eyes.

**KEEP OUT OF REACH OF CHILDREN**

**HUMOFERT**



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