

- Specification Sheet -

MUST

MUST is a liquid organic nutritional supplement for plants containing saccharides, amino acids, humic and fulvic acids, proteins, chelated micronutrients, oils, natural wetting agents and plant extracts. These organic compounds are essential for the full coverage of the nutritional needs of the plants but also for the enrichment of the soil with substances that activate the soil mineral nutrients making them available to the plants and increasing the absorption of the fertilizers by the plants roots.

PROPERTIES AND USES:

- ❖ Supplements plants with nutrients achieving the complete coverage of the nutritional needs in all crops.
- ❖ Increases the uptake of minerals by the plants by reducing the leaching and the evaporation of the applied fertilizers. In this way the cost of fertilization is reduced, the contamination of the environment is avoided and the plant growth is fortified.
- ❖ Increases the population of the beneficial soil microorganisms which make the soil nutrients readily available to the plants.
- ❖ Supplements the soil with organic matter that has been lost because of intensive cropping.
- ❖ Increases the plants' productivity due to their better nutrition. In this way high yields are achieved in all crops.
- ❖ The better nutrition of the plants leads to increased carbohydrate synthesis in the plant's cells, which means a harvest with better quality and plants with an enforced immune system.

APPLICATION:

MUST is applied in the soil by fertigation through the irrigation/fertilization system or by drenching the root zone

Application Rate: Generally it is applied at the following application rate.

Soil application: 5-40 l/ha

STANDARD ANALYSIS**(w/w)**

Amino acids	5.11 %
Humic acids	2.83 %
Plant extracts	1.92 %
Saccharides	2.69 %
Natural wetting agents	0.59 %
Micronutrients	0.96 %

PHYSICAL PROPERTIES:

Appearance: Brown-black fluid
Density: 1.07 g/ml
Solubility: 100% water soluble
pH: 6.0-7.0