

# VEGE-MAX : Organic “Concentrated” Soil Conditioner



## PRODUCT DESCRIPTION

**VEGE-MAX** is a liquid, organic soil improvement additive (following the NFU44-051-4-1 standard) containing humic and fulvic acids and is specifically designed for use in hydroseeding operations.

**VEGE-MAX** is initially obtained from American Leonardite, characterized by its homogeneity and uniformity.

The process of extracting humic acids along with the quality of raw materials, guarantee both the absence of chlorine and sodium in the final product as well as the stability of the humic/fulvic acid ratio.

## ACTION FIELDS

VEGE-MAX has been designed to act on 3 levels:

### PHYSICAL ACTION ON THE SOIL STRUCTURE:

- Improves water retention capacity
- Improves the bio-availability of nutritional elements within the root zone
- Improves soil aeration
- Lowers the risk of ‘clogging’ with loamy soils
- Lowers the risk of ‘cracking’ with clayey soils

### CHEMICAL ACTION OF VEGE-MAX ON SOIL ADHESION PROPERTIES:

- Increases soil buffering power (pH regulation) and maintains a stable soil reaction
- Supplies organic and mineral substances (N, P, S, CO<sub>2</sub>) needed by the plants and microorganisms
- Increases the CEC (Cation Exchange Capacity)
- Reduces negative impacts of toxic substances by forming compounds

### BIOLOGICAL STIMULATING ACTION ON PLANTS AND MICRO-ORGANISMS:

- Acts on salinity (absorbs salts on the humic acids)
- Acts on drought (hydrophilic properties)
- Acts on low light conditions
- Enhances and improves biomass production, especially root zone related
- Stimulates the development of both root-mass and root-hairs

In order to learn more about this, please visit the ‘European Hydroseeding Guide’ (currently only available in French) on our site [www.euro-tec.fr](http://www.euro-tec.fr)

## SPECIFICATIONS & PERFORMANCE

This product can be used in Biological Agriculture following European EC regulation 834/2007

|                                    |         |
|------------------------------------|---------|
| Premium Organic Humic Material (%) | 100 %   |
| Total Humic Extracts (%)           | 16.65 % |
| Humic Acid Content (%)             | 13.32 % |
| Fulvic Acid Content (%)            | 3.33 %  |
| Organic Carbon Content (%)         | 7.1 %   |
| Environmental Impact               | 😊       |
| Retarding Effect and Slow Release  | 😐       |
| Flash-Start Effect                 | 😐       |

## APPLICATION RATE\*

Application during seeding or during fertilizing: 25 to 75 Lt/ha

\* Average indicative value, requiring adjustment depending on specific soil characteristics

## PACKAGING

20-liter jug.

Note : this product is made with humic extracts that do not contain any heavy metals, sodium, chlorine, germs, pathogenic agents or phyto-toxic elements.