

# VERT-EXPERT "BIO": Natural Organic Mineral Fertilizer



## PRODUCT DESCRIPTION

**VERT-EXPERT** is a range of organic mineral fertilizers (following the NFU 42-001 standard), specifically designed for use in hydroseeding operations, and completely different from any known organic mineral products currently used. Their "PREMIUM" ingredients are chosen to provide maximum efficiency while ensuring optimal environmental protection.



**VERT-EXPERT** is available under 3 different formulations:

- "BIO" is specifically designed for ecologically sensitive areas (near wells, rivers and water streams)
- "TRADITION" and "COMPLET": please see the corresponding product information.



## ACTION FIELDS

The VERT-EXPERT product line has been designed to target 3 main areas:

### Improving the physical soil characteristics as well as the C.E.C (Cation Exchange Capacity):

The presence of colloidal and pre-humic ingredients of algae and "press or oil cake", very quickly trigger the formation of a stable humic clayey compound that serves to improve soil structure. Thanks to its high polyvalent cation content, this clayey compound presents a very good stability and is therefore also a guarantee for a high level of nutrition exchangeable cations.

### Providing a complete, balanced and sustained nutrition of the vegetation :

The progressive evolution of organic matter, the precise balance of mineral elements provided, the presence of phyto-hormones, vitamins and the entire array of trace elements make of VERT-EXPERT the ideal regulator, nutrition stimulator and "foodstuff" by excellence for plants. Also Nitrogen is gradually released in a prolonged manner; this element is not affected by leaching given that it is mainly provided in organic form.

### Enhancing biological soil :

Proteins, soluble sugars and humic evolution of the components all act upon both the rhizosphere (bacteria developing around the roots) and the mycorrhizae (through symbiosis between soil fungi and roots). The selection of "Premium" ingredients develops the biomass and the biological soil activity .

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 Matter (%)	87
Organic Matter on gross product weight (%)	66
Mineral Matter (%)	13
Humidity (%)	15 %
NPK Ratio	6.4.4 + 0.5 iron
Origin of N factor	Organic vegetal and animal matter
Environmental Impact	😊
Retarding and Slow Release Effect	😊
Flash Start Effect	😊
Growth Stimulator - Photosynthetic effect on Biomass	😊
Product to Water Mixing Ratio	350 Kg to 1000 Litre of Water

## APPLICATION RATE\*

Apply during seeding phase or fertilizing : 500 to 1.500 kg/ha

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

## PACKAGING

30-kg PP bag sold per 1,320-kg pallet.