



**ACTIFRUIT IN THE FORM OF PELLETS IS AVAILABLE IN THE FOLLOWING PACKAGES:**

**PE BAG 25 KG**  
NET PACKAGING

**NON-RETURN BIG BAG**  
**OD 500 KG**  
NET PACKAGING

**NB** HYGROSCOPIC PRODUCT

## SOIL IMPROVER ALLOWED IN BIOLOGICAL AGRICULTURE

ACTIFRUIT is an organic soil improver, completely natural, obtained through controlled process of transformation of selected raw materials.

The final products results harmonized in its composition, rich in humic substances, hygienically safe and free of vital seeds and weeds. Suitable for all crops, it unites agriculture and environment, it has efficient and sustainable effect and can be easily strewn with fertilizer spreader.

### MAIN AGRONOMIC BENEFITS

- Increases water retention capacity, aeration and soil permeability;
- It provides the soil with macro and micro elements useful for plant life (N,P,K,Ca,Mg,Fe);
- It provides the organic substance that allows to fix and release slowly (even in the years following application) the nutritive elements and then regulate the integration with mineral fertilizers;
- It improves the structure of the ground, favouring a greater oxygenation of the root system, with consequent optimization of the growth time of the plants;
- It contrasts the onset of root and collet rotteness of the plants, expressing a repressive function against the main root terrestrial pathogens;
- Activate and increase the microbial flora of the soils.

### MAIN ENVIRONMENTAL BENEFITS

- Detention of organic carbon from the soil and reduction of emissions of carbon dioxide (CO<sub>2</sub>) and ammonium (NH<sub>4</sub>);
- Fight against desertification and soil erosion;
- Reduced water pollution;
- Energy saving;
- Water saving.

#### PLANTS AND DOSAGE

TREE CROPS (grapes, olives, citrus fruits, and fruits):		
Pre-implant	10-25	q.l.s/ha
Fall-winter farming	5-15	q.l.s/ha
Transplant	2-6	kg/hole
HORTICULTURAL: (potato, tomato, pepper and fennel)		
Pre-seeding or Pre-transplant	5-12	q.l.s/ha
HERBACEOUS:		
Fall - Winter Cereals (wheat, barley, oat and rye)	5-12	q.l.s/ha
Temporary forage crops (ryegrass, clover and bean)	5-15	q.l.s/ha
Rotation Crops (corn, sorghum and chard)	5-15	q.l.s/ha

**NB** The distribution doses may vary according to the pedo-climatic characteristics of each area (chemical, physical and biological fertility, rainfall, and temperature) and must be included in the fertilization plan. The distribution quantities must stay on maximum values if the soil is poor of organic matter, on average values, in case of medium-textured soils and on minimum values in case of heavy soil. It is advisable to lightly bury into the soil (10-15 cm) Actifruit in the form of pellets, to improve the action of the product, avoiding direct contact with the roots of the plant (its function is being carried out even if strewn only superficially). The product is homogeneous, cylindrical, and thanks to its particular structure and innovative productive process, allows to:

- keep the bacterial micro fauna useful for the soil;
- maintain its physical state during storage;
- fast disintegration and immediate effect in the field.

Keep out of reach of children and animals. Protect yourself by using appropriate gloves and pay attention not to inhale the powders.

#### SOIL IMPROVER SOIL MIXED COMPOST

ELEMENT OR USEFUL SUBSTANCE	VALUE
Humidity (% tq)	≤ 18
pH	7-8,8
Organic Carbon ( % C ss)	27
Humic and Fulvic Carbon ( % C ss)	10
Organic Nitrogen ( % C ss)	2
Ratio C/N	13
Salinity (dS/m)	4
Total Phosphor ( % P <sub>2</sub> O <sub>5</sub> ss)	1,5
Total Potassium ( % K <sub>2</sub> O <sub>5</sub> ss)	2,1

Organic substance ( % ss)	54
Total Nitrogen ( % N ss)	2,2
Calcium ( % CaO ss)	16
Magnesium ( % MgO ss)	0,8
Sulfur ( % SO <sub>2</sub> ss)	0,5
Boron (mg/Kg ss)	57
Cobalt (mg/kg ss)	3
Copper (mg/kg ss)	115
Iron (mg/Kg ss)	5335
Manganese (mg/kg ss)	246
Molybdenum (mg/kg ss)	-
Zinc (mg/kg ss)	249

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Raw material: By-Product of animal origin, mixture of vegetable materials.