

# OVER<sup>®</sup> GROUND



## REDOX

### PRODUCT WITH SPECIFIC ACTION

- ~ To affect the development and health of the plant
- ~ To influence transformation processes and nutrient absorption
- ~ To assist the plant's growth and influence infections by pathogenic micro-organisms

#### REDUCTION OF OXIDATIVE PROCESSES

**Redox** is a mixture made up of many species of ubiquitous micro-organisms able to populate any environment. They are endophytic bacteria that are mostly anaerobic, yeasts and fungi that primarily occupy the plant's roots, but that also move into the sprouts and into the leaves through the **phloem and xylem vessels**. They are found in flowers, fruits and seeds, and reach the stomas and injuries caused by wind, pathogens and parasites.

**Redox** is an authentic integrated and synergic microbial system that the plant and environment need in order to trigger a resilience process even in situations professedly jeopardised from the agronomic viewpoint. In living systems, the reactions that capture energy (such as photosynthesis) and the reactions that free energy (such as glycolysis and respiration) are oxide-reducing reactions.

**Redox** creates the organism's first line of defence through reducing reactions, meaning against free radicals, and ensures protection from the oxidizing agents that are toxic for the cell. **TIS Technology** applied to **Redox**, which performs a deep microbiological activity as first soil-plant regulator filter, strengthens its effects in terms of energy and bio-energy.

#### COMPOSITION

Organic amender, mycorrhizal fungi, rhizosphere bacteria.

- ~ Organic matrix (single, non-composted plant amender)
- ~ Mycorrhizae: 0.004%
- ~ Rhizosphere bacteria:  $1 \times 10^9$  ufc/g



# REDOX



## PRODUCT CONSERVATION

No specific conditions are required, but it is better if the product is protected from light. However, in order to achieve the best agronomic results, **Redox** should be used within **8 months** from its date of production (see lot on the package).



## HOW TO USE

The product is only spread via hose irrigation drop by drop or using a spray boom for sprinkling with nebulizers for the entire crop cycle. **Redox** is used after completing irrigation with water only, as it allows a direct exchange with the roots. A preharvest interval between the last application and consumption is not required.



## APPLICATION DOSAGES

The indicative quantities for each application are **10 L/ha**, to which the irrigation water is added. Interventions are scheduled every 8 days for the entire duration of the crop cycle and we suggest that you contact the technicians to get targeted protocols. There are no overdosing problems with **Redox**.



## FIELD OF APPLICATION

In the open field and greenhouses:

- ~ Vegetable
- ~ Fruit
- ~ Floral and Ornamental
- ~ Seed



## ADVANTAGES

- ~ It affects the development and health of the plant.
- ~ It influences transformation processes and nutrient absorption.
- ~ It assists the plant's growth and influences infections by pathogenic micro-organisms.
- ~ It improves the physical properties of the soil.
- ~ It counteracts the oxidative processes
- ~ Non-GMO - completely free of genes modified by genetic engineering techniques, as the raw materials used do not come from microorganisms or plants altered by these methods.



### PRODUCT

PRODUCT WITH  
SPECIFIC ACTION  
ON THE GROUND



### PHYSICAL STATE

LIQUID



### PACKAGES

CAN:  
20 lt

DRUM:  
1,000 lt

A TRADEMARK OF

**OVERTIS**



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