


## IMPROVES PLANT TOLERANCE TO SALINITY IMPROVES SOIL STRUCTURE

HENDOSAR is specifically created to manage and reduce the effects of excessive salinity in the soil and in the plants. Acting rapidly on the soil-root-plant system, HENDOSAR creates a highly favorable environment on all crops allowing its use in any phenological phase, even under the harshest agronomic conditions.

HENDOSAR improves soil structure thanks to a specific formulation that provides an optimal calcium and magnesium ratio (4-6 parts of calcium for 1 part of magnesium). Calcium and magnesium replace sodium in the exchange complex (argillaceous colloids), so that sodium becomes soluble and can be washed away. This creates a favourable environment in the rhizosphere that "protects" the roots and sustains its nutrients uptake, even in case of high salinity. This allows the plant to overcome the interruptions in the vegetative growth that are linked to salinity excess, to rebalance the nutritional disorders and to improve the photosynthetic activity securing production and quality.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
All crops	Sandy soils: 2-3 applications	20-40 Kg
All crops	Clay soils: 2 applications	40-60 Kg

COMPOSITION	
Total nitrogen (N)	9%
Nitric nitrogen (N)	9%
Potassium oxide (K <sub>2</sub> O) total	6%
Potassium oxide (K <sub>2</sub> O) soluble in water	6%
Calcium oxide (CaO) total	10%
Calcium oxide (CaO) soluble in water	10%
Magnesium oxide (MgO) total	2%
Magnesium oxide (MgO) soluble in water	2%
Manganese (Mn) soluble in water	0.015%
Manganese (Mn) chelated by EDTA	0.015%
Zinc (Zn) soluble in water	0.015%
Zinc (Zn) chelated by EDTA	0.015%

PHYSICO-CHEMICAL FEATURES	
<b>LIQUID</b>	
pH (sol 1%)	7.10
Conductivity E.C. S/cm (1‰)	1120
Density (g/cm <sup>3</sup> )/Specific weight	1.53
<b>METHOD OF USE</b>	
	Fertigation

**PACKAGING: 20 KG**

**WARNINGS:** Never mix in the same tank fertilizers containing phosphorus and/or sulfates with fertilizers containing calcium. In presence of irrigation water containing high phosphorus levels it is necessary to add an acidifier before using fertilizers containing calcium.

The product can be mixed with other products exception made for those containing copper, sulfur, mineral oil and emulsions. It is always advisable to carry out small tests before proceeding with mixing.

\*The choice of the dose is subordinated to various factors and can be varied when necessary. All applications can be repeated in relation to the different crop needs. You can contact our Technical Service for the correct application on specific soils and under specific climate conditions.\*