

HydroFilo

CRYSTAL WATER RETENTION POWDER

bio Certified in Organic Agriculture

HydroFilo is a superabsorbent polymer in the form of water soluble powder, which retains large amounts of water (up to 500 times its weight). **HydroFilo** is the result of the chemical union of acrylamide polymers with potassium acrylate and is produced especially for the improvement of water management by plants. This environmentally safe product functions by absorbing and storing water and nutrients in an aqueous gel made of spherical particles, which are capable of attributing the retained moisture according to the needs of the plant. The big advantage of **HydroFilo** is the capacity of the formed aqueous gel to release easily the absorbed water and nutrients through the mechanism of osmosis, resulting in the reduction of hydric stress which can slow plant growth.

STANDARD ANALYSIS

- Anionic acrylic polymer 100%

CROPS

Potted plants
Garden ornamentals
Lawn
Turfs-parks
Trees-bushes
Horticulture

PROPERTIES

- It increases soils water retention capacity, reducing irrigation frequency by up to 50%.
- It improves physical soil properties due to better air circulation in the soil, achieved by constant swelling and shrinking of **HydroFilo** spherical particles, which increases soil pores.
- It enhances plant growth thanks to the optimization of water and nutrient uptake.
- It reduces water and nutrients loss due to leaching and evaporation and it limits fertilizers use.
- It limits soil erosion and underground water pollution.



PACKAGES

Plastic Jar	100 g	box of	60 pieces
Al foil bag	1 kg	box of	10 pieces
Plastic pail	3 kg	box of	4 pieces
Cartbox	25 Kg	-	-