



Polysorb
by Green Legacy

WATER RETAINING GRANULES

ADDED VALUE FOR
YOUR URBAN GREENING,
LANDSCAPING, GARDENING

**THE SPECIALIST:
HIGH-PERFORMANCE
SUPERABSORBENT**



YOUR ADVANTAGES AT A GLANCE

AVOIDS DRYING STRESS

POLYSORB is a superabsorbent capable of storing more than 300 times its weight in water, enabling the bridging of long dry periods.

SAVES WATER AND FERTILIZER

Water and fertilizers are used more efficiently, allowing savings of up to 50 % on irrigation water and fertilizers.

LONG-LASTING EFFECT

The high water and nutrient storage capacity provides a long-term effect in the soil, lasting 3 to 5 years.

IMPROVES AND ACCELERATES GROWTH

POLYSORB promotes the healthy development of young plants and seedlings during early growth stages, especially during extended drought periods.

PRESERVES PLANT HEALTH

Supports the use of mycorrhizae and other beneficial microorganisms, reducing the need for plant protection agents.

FASTER AND HIGHER YIELDS

Promotes root growth and development of young plants, minimizing the risk of plant loss and increasing harvest yields.

IMPROVES SOIL STRUCTURE

Enhances soil porosity, aeration, and water infiltration, facilitating root growth and reducing water loss through surface runoff.

HIGHER MINERALIZATION RATES

Improves the mineralization rate of organic matter in the soil and the stability of soil aggregates.

BIODEGRADABLE

POLYSORB is broken down over time by soil microorganisms.

EASY TO APPLY

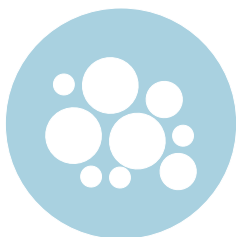
Simple to apply either manually or with machinery.





POLYSORB APPLICATION QUANTITIES

Substrates for potted, bagged, and container plants;
Nursery beds in tree nurseries and greenhouses;
Substrates for green roofs and facade greening.



**FROM 3 GRAMS
PER LITER OF
SUBSTRATE**



**EFFECTIVE FOR
3 TO 5 YEARS**



**SAVE UP TO
50% WATER**

POLYSORB can be applied either as dry granules or as hydrogel (pre-swollen product at a 1:150 ratio).
The product can be applied in two different ways:

OPTION 1

Before filling the planting containers, mix our product homogeneously with the intended planting substrate. This can be done manually or mechanically (e.g., with a concrete mixer). A top layer of 5 cm should remain untreated. You can also pre-swell the product at a 1:100 ratio and then mix this hydrogel with the planting substrate.

OPTION 2

Apply the granulate directly into the planting hole. Before placing the plant, sprinkle the granulate and lightly mix it with the soil in the planting hole. After planting, the plant should be thoroughly watered to fill the water reservoir for the first time.

Volume of Substrate	Granulate	Hydrogel
1 Liter	2 – 3 g	200 – 300 ml
2 Litres	4 – 6 g	400 – 600 ml
3 Litres	8 – 12 g	800 – 1,200 ml

Planting Hole (Diameter)	Granulate	Hydrogel
10 cm (~ 1 liter substrate)	3 g	300 ml
20 cm (~ 1 liter substrate)	9 g	1,000 ml
30 cm (~ 10 litres substrate)	30 g	3,000 ml

DOSAGE

Use a teaspoon (equivalent to approx. 5 g) or a tablespoon (equivalent to approx. 10 g) for easy dosing.

CAUTION

POLYSORB should not be overdosed. In case of overdose, the plant material may be pushed out of the planting hole as the product swells.

**SIMPLY GET IN TOUCH WITH
OUR EXPERT ADVISORS:**



DISTRIBUTION

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