

Soil Improver Powder/Tablets

Hydrogel-based soil conditioner enriched with slow-release nutrients and beneficial soil microorganisms.

A mixture of superabsorbent polymers (SAP), layered silicates and aluminosilicates, long-term fertilizers and soil microorganisms.

SCOPE AND METHOD OF USE:

Soil conditioner enriched with beneficial microorganisms and slow-release nutrients. Improves the soil condition, can retain water in the treated area creating thus a reservoir of water and nutrients in the root system. Suitable for hobby and professional use. Intended for planting of utility and ornamental trees and shrubs, for flowering and evergreen plants, roof gardens and lawns, etc. Suitable for growing in containers and in open ground.

BENEFITS OF THE PRODUCT:

- Comprehensively improves the physical and biological properties of the soil.
- Supports the development of the root system and plant vitality.
- Strengthens plant resistance to stress conditions and diseases.
- Increases plant establishment after planting.
- Significantly increases the ability of the soil to retain water and nutrients.
- Improving the sorption properties of the soil reduces the need for watering by up to 50%, which also saves irrigation water.
- Optimizes the use of nutrients and microbial activity of the soil.

SOIL IMPROVER POWDER/TABLETS

Improves soil condition and water retention in the treated area. Enhances nutrient utilisation and plant resilience.

CHEMICAL AND PHYSICAL PROPERTIES

Potassium polyacrylate	39% of total weight
Nitrogen (N)	4.67
Phosphorus (P)	1.18
Potassium (K)	11.3
Magnesium (Mg)	3.69
Calcium (Ca)	0.44
Silicon (Si)	7.74

WATERED APPEARANCE: Green-blue gel with particles.

PRECAUTIONS: Non-toxic, non-flammable, non-explosive.

STORAGE: Keep in a dry place, avoid moisture.

Application

The product can be used before planting, during planting and during vegetation.

- For new planting of individual plants, it is recommended to use the product in tablets or loose form at the time of planting. Mix in homogeneously into root zone if using powder.
- For application to existing planting, it is appropriate to use the product in tablet form.
- For area sowing, e.g. grasses or establishing roof gardens, it is recommended to use the loose form of the product at the time of soil preparation before sowing.

The product is always applied in dry form to non-irrigated soil or substrate. The mixture of planting medium and product is irrigated only after completion of planting or application of tablets. The use is one-time, without the need of a booster dose. The effects of the product persist for up to 24 months. The next application of the product is only when the effects of the initial dose have worn off.

Powder



Tablet



DOSAGE	RECOMMENDED APPLICATION METHOD			
	METHOD OF USE	WEIGHT/VOLUME	WEIGHT/AREA	NUMBER OF TABLETS
Large Grade Trees/shrubs		1.5 – 2 kg/m ³		3-4 tabs/10L
Lawns and area planting*		0.6-0.7 kg/m ³	120-150 g/m ²	
Pot planting		4-5 kg/m ³		8-10 tabs/10L
Flowering and green plants (growing containers)		3-4 kg/m ³		6-8 tabs/10L
Fruit, vegetables, small fruits (growing containers and beds)		1.5-3 kg/m ³	100-120 g/m ²	3-6 tabs/10L
Smaller Grade Trees/Shrubs		5g/L size plant		1 tab/1L size plant