

ISONEM® SOIL WATER TRAP

Scan the QR code
for product
application video



Industrial Chemical

Soil Water Trap

It is easy to use, superb water absorber (can absorb water up to 600 times its volume) soil additive. It is a polymer manufactured especially for frequently irrigated and high water consumption locations, gardens, glasshouses, and landscaping works. With this polymer which holds rain and irrigation waters in its body and absorb 600 times of its volume, the water is held before it drains off the soil and constitutes a natural and long term water tank base for plants and trees.

ISONEM SOIL WATER TRAP FEATURES

- It is mineral based and one component.
- 1 gr has the capacity to hold 600 times water.
- When water enters it expands and becomes a gel.
- It stays in the soil actively for approximately 4 years
- It does not freeze until -60°C.
- Application depth is between 7 cm -1 m.
- It decomposes in the soil at a rate of %10 - 15 per year.
- Once its job in the soil is done it returns to nature.

ISONEM SOIL WATER TRAP ADVANTAGES

- Increases the soil porosity and reduces soil incrustation
- Keeps the soil humid at all times.
- Reduces the evaporation of the water in the soil.
- It reforms the soil structure and prevents erosion
- Protects surface and underground waters from pollution.
- Provides plant growth in very hot and dry climates
- Reduces irrigation, worker, fertilizer and seed costs
- Provides %50-%70 savings in water consumption
- Prevents the damage caused by over fertilization
- Reduces fertilizer consumption by %50.
- Increases yield efficiency
- Improves plant quality
- Seasonal conditions are not required for forestation
- Prevents the death of sprigs and seeds under the soil during winter. [-60 C]. Protects the environment.

COLOR : Yellowish Crystal Powder

PACKING : 1 kg and 5 kg PE BAG

STORAGE : 24 months in original, unopened package, cool and dry environment.

USAGE AREAS

- Sapling planting, seedling production
- Application on existing trees
- Strawberry production, melon, watermelon, gourd applications
- Plantation care (Grains, beet, corn, cotton, sunflower, potato, beans, etc.)
- Grassland and landscaping applications
- Floriculture
- Pot floristry, clover, and feed plants applications
- Mushroom production and a root dipping method

CONSUMPTION

- | | |
|------------------|------------------------|
| · 3 g/root | strawberries |
| · 8-10 g/root | melon-watermelon |
| · 5 kg/1000 m2 | plantation agriculture |
| · 40 kg/1000 m2 | clover and feed |
| · 600 g/m3 | mushroom |
| · 60 g/mt Length | floriculture |
| · 1,5 g for 5 L | pot plants |
| · 35 g/mt Length | grapey and olive |

General Features



Soil Water Trap



Application Conditions
and Risks

Things to consider
during and after
the application

Application depth is between
7 cm - 1 m.

Applicable
temperature

X

ISONEM products
for surface
preparation

X



SZUSTEST

The information given in this technical data sheet has been prepared according to our knowledge, experiment results, and experiences. The correct and successful implementation of our products is completely beyond our control and responsibility. For this reason, our responsibility is limited to the quality of our product only, and this manual overrides all previous technical statements, descriptions and label information.

** Our products are not classified by Biocidal Products Regulation **