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iGGvital SG

super glue

Organic soil stabilizer based on special liquid polymer



SPECIFICATION

iGGvital SG is based on a special liquid polymer combined with auxiliaries such as wetting agents, driers (accelerating oxygen uptake) and defoaming agents. iGGvital SG is emulsified in water and than spray-applied to the surface to be protected where it penetrates up to 20 mm in depth, depending on the absorbency of the soil substrate.

After its application, iGGvital SG reacts with atmospheric oxygen and within a few hours a firm, water-insoluble network is formed. As a result all wet particles such as sand grains, fertilizer, seed and other materials become bound to the surface.

The cured iGGvital SG does not seal the surface of the soil, indeed the soil absorbency for rain is fully maintained by the open matrix-like character of its bound (stabilized) structure. Germination and plant growth remain unimpaired.

TYPE OF SUBSTANCE

soil stabilizer concentrate

FORM

dark brown liquid concentrate, density: 0.91 g/m³

ANALYSIS

polymer-hydrocarbon compound

	in %
Polybutadien	95.0
Additives	5.0

EFFECT

fixsation of seed, fertilizer and soil amendments on the surface of the soil, a network of long-chained polybutadiene molecules fixes together the soil particles, the fixation cover is absolutly water permeable, the network is slowly reduced by ultraviolet radiation, the hydrocarbons are declined into carbon dioxide and water.

FIELD OF APPLICATION

grassing of virgin soils, dust binding of fine-grained surfaces

TIME OF APPLICATION

All time, **but not** during heavy rainfall, when snow on the ground, with frost in the soil.

QUANTITY PER M²

Once 10 to 30 g/m² depending on soil structure and composition as well as on slope steepness and risk of high rainfall and danger of erosion.

TYPE OF PACKING

tank of 1,200 kg

TENDER SPECIFICATION

www.igg.de/en/specifications