

# AGLEV<sup>®</sup> SI 100

Granular Attapulgite Soil Improver

## General description

Porous granular clay used to enhance the performance of planting soils creating an oxygen friendly environment.

## Functional use

AGLEV SI 100 increases the strength and health of plants. The product is mixed uniformly in soil media at dosage rates of 0.15 to 0.30kg/m<sup>2</sup> depending on the depth of the mixture (plow or hoe).

## General characteristics

- 100% natural product
- Porous granular clay
- Increases soil pore space creating an oxygen friendly environment
- Increases nutrient retention
- Adsorbs and then slowly releases excess nitrogen, potassium and phosphorus
- Absorbs heavy metals
- Improves water retention in soil
- Reduces the hydrophobicity of dry soils
- Reduces soil shrinkage between watering cycles
- Strengthens root system
- Reduces soil compaction

## Technical data

**Composition:** Thermally and Mechanically Processed Clay with No Additives

**Material Type:** Attapulgite Clay

**Appearance:** Grey Granules

**Moisture Content (105° C), %:** 12

**Water Absorption (Westinghouse Method), %:** 110

**Granulometry, mm:** 0.600 – 4.75

**Sieve Analysis:**

Percent Plus 4.75 mm, %: <7

Percent Minus 0.600 mm, %: <7

**Apparent Bulk Density, g/cm<sup>3</sup>:** 0.8

**Fe<sub>2</sub>O<sub>3</sub> Content, %:** >10

**pH (5% Suspension):** 8

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