

AGLEV[®] SI 200

Granular Attapulgite Soil Improver

General description

Porous granular clay used to enhance the performance of planting soils.

Functional use

AGLEV SI 200 increases the strength and health of plants. The product is mixed uniformly in soil media at dosage rates of 0.15 to 0.30kg/m² depending on the depth of the mixture (plow or hoe). In potting soils, it can also be used as an absorbing bottom layer.

General characteristics

- 100% natural product
- Porous granular clay with low dust content
- 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
- Increases liquid holding capacity of soil to dramatically decrease water use
- Acts as buffer to control soil moisture during dry and wet periods
- Reduces the hydrophobicity of dry soils
- Reduces soil shrinkage between watering cycles
- Encourages deeper root growth
- Allows recovery of intact root systems at harvest
- 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), %: 120

Granulometry,mm: 0.250 – 1.18

Sieve Analysis:

Percent Plus 1.18 mm, %: <6

Percent Minus 0.250 mm, %: <8

Apparent Bulk Density, g/cm³: 0.7

Fe₂O₃ Content, %: >10

pH (5% Suspension): 8

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