



Green Grove Soil

Volcanic rock with high porosity



202502174440

Product Features:

- Maximizes root-zone aeration and fast drainage
- Provides a stable porous medium for media beds
- Suitable for coarse mixes, aquaponics, and top dressing

Mixing and Storage:

Wash thoroughly before hydroponic or aquaponic use.

Blend 15–30% into general mixes to increase air porosity.

Use higher ratios in coarse specialty mixes as required.

Store in a dry place away from direct moisture and sunlight.

Reusable after proper cleaning and washing between cycles.

Input Characteristics:
Soil conditioner

Registration No.: F00005212

Physical Properties:

- pH: 7
- Inert material: 99.4%
- 100% natural
- 100% organic
- density: 0.7 g/cm³
- Size: 4-8 mm

How to Use

Hydroponic Media Beds

Use washed 4-8 mm as a complete medium in media-based systems such as grow beds, Dutch buckets, and some ebb-and-flow units. It is not intended as a full-fill medium for NFT or deep-water channels.

Aquaponics Grow Beds

Use as the primary washed media in aquaponic beds. It supports roots, provides surface area for beneficial bacteria, and performs best when fine particles are removed and the bed is kept clean.

Chunky Specialty Mixes

Blend into coarse mixes to improve aeration and drainage. This grade is especially suitable for succulents, cacti, bonsai, and orchids, where higher air space and faster drainage are required.

Top Dressing

Apply as a durable surface layer to help reduce surface evaporation and improve the finish of landscape beds and containers. A depth of about 7.5–5 cm is typical, while keeping the material away from the stem base.

Active Ingredients	ppm
Iron (Fe)	11025.18
Manganese (Mn)	235.47
Molybdenum (Mo)	0.01
Zinc (Zn)	17.42
Cobalt (Co)	4.87
Copper (Cu)	14.18
Calcium Oxide (CaO)	3796.93
Potassium Oxide (K ₂ O)	1442.49
Magnesium Oxide (MgO)	6261.53
Sodium Oxide (Na ₂ O)	5357.45
Phosphorus Pentoxide (P ₂ O ₅)	381.54

Active Ingredients	%
Sulfur (as SO ₃)	< 0.1
Nitrate (NO ₃ ⁻)	< 0.1
Ammonium (NH ₄ ⁺)	< 0.1
Silica (SiO ₂)	1.29
Chloride (Cl ⁻)	0.12

Manufactured by: ☎ +966530547776 – +966550110915
Green Grove Soil ✉ info@greengrovesoil.com
Fertilizers Factory 📍 Saudi Arabia — Al Madinah

Batch No.: See pack
Mfg Date: See pack
Exp Date: See pack

Weight
10 kg

