



Grodan[®]

PRODUCTS

BENEFITS OF GRODAN STONE WOOL



Lightweight, pathogen-free, disease-free, seed-free



Even, rapid water distribution throughout the media



The most uniform growing substrate which results in consistent plant growth



Inert, meaning it will not add or hold back any nutrients or water from the plant



Usable in recirculating systems from first drain, reducing water and fertilizer usage.



Controllable so grower is able to steer plant growth



Excellent buffer and re-saturation capability



Access to Grodan stone wool growing education and learnings



Technical crop advisors offer unparalleled knowledge support





We developed the Grodan Improved product line using scientific methods in conjunction with the world-renowned Wageningen University in the Netherlands.

Grodan Improved was successfully trialed in the field by leading cultivation facilities throughout North America.

ACHIEVE REAL RESULTS

Grodan Improved is formulated with an advanced wetting agent and optimized wool structure to consistently deliver outstanding results for controlled environment indoor and greenhouse commercial grows.

The family of Grodan Improved products all offer:



Faster rooting-in



More developed root systems



Higher yields



Improved plant quality



Using less water and nutrient usage throughout the entire crop cycle

GRODAN AOK, MICRO AND MACRO PLUGS



Ideal for growers who want fast, uniform propagation and plant development.



Suitable for cloning and propagation from seed



Durability minimizes the risk of damage to the roots



Known for their reliability providing predictable and even propagation



Uniform density, firmness, and fibrous structure



The shape and firmness make manual or mechanical processing significantly easier



- 1 | **295573 1" AO Plugs (1x1x1.6)**
Carton
Plugs/carton: 6000 Cartons/Pallet: 8
Units/Sheet: 200 Sheet/Carton: 30
- 2 | **295572 1.5" AO Plugs (1.4x1.4x1.6)**
Carton
295570 1.5" AO Plugs (1.4x1.4x1.6)
Shrinkwrapped Carton
Plugs/carton: 2940 Cartons/Pallet: 8
Units/Sheet: 98 Sheet/Carton: 30
- 3 | **343296 1.5" AO Plugs (1.4x1.4x1.6) pre-cut**
Loose - Box
Plugs/carton: 2310 Cartons/Pallet: 8
- 4 | **244090 Cress Plate for micropopagation**
Plates/carton: 95 Sheet/Carton: 8

- 5 | **31384 2" AO Plugs (2x2x1.6)**
Carton
Plugs/carton: 1500 Cartons/Pallet: 8
Units/Sheet: 50 Sheet/Carton: 30
- 6 | **31581 Macroplugs (1.5 Roundx1.57)**
Carton
Plugs/carton: 1750 Cartons/Pallet: 8
70038 Macroplugs (1.5 Roundx1.57)
Bags - Carton
Plugs/carton: 2000 Sheet/Carton: 8
- 7 | **338009 1.5" AO Plugs (1.4x1.4x1.6)**
Pre-cut/pre-filled 10x20 insert of 50
Units/ Carton: 30 Cartons/Pallet: 8

GRODAN IMPROVED GROW BLOCK



Provides the greatest steering capabilities available



Provide plants with optimal fiber structure and physical properties for crop uniformity



Blocks offered in multiple sizes



More even WC & EC distribution throughout the entire block



Can be stacked and are designed to fit the facility and crop plan outcomes



- 1 | **294713 Gro-Block Improved Mini Block 1.5" Strip Carton**
 Blocks/Carton: 2250 Cartons/Pallet: 12
 Units/Strip: 45 Strips/Carton: 50

- 2 | **287055 Gro Block Improved GR4 - Small 3" (3x3x2.6) w/ Hole - Strip Carton**
 Blocks/Carton: 384 Cartons/Pallet: 12
 Units/Strip: 12 Strips/Carton: 48

- 3 | **286605 Gro-Block Improved GR6,5 - Small 4" (4x4x2.6) w/ Hole - Strip Carton**
 Blocks/Carton: 216 Cartons/Pallet: 12
 Units/Strip: 12 Strips/Carton: 36

- 290153 Gro-Block Improved GR6,5 - Small 4" (4x4x2.6) w/ Hole - Loose on Pallet**
 Blocks/Carton: 2448 Cartons/Pallet: 1

- 4 | **286661 Gro-Block Improved GR10 - Large 4" (4x4x4) w/ Hole - Strip Carton**
 Blocks/Carton: 144 Cartons/Pallet: 12
 Units/Strip: 12 Strips/Carton: 24

- 274993 Gro-Block Improved GR10 - Large 4" (4x4x4) w/ Hole - Loose On Pallet**
 Blocks/Carton: 1584 Cartons/Pallet: 1

- 5 | **286613 Gro-Block Improved Jumbo (6x6x4) w/ Hole - Loose - Carton**
 Blocks/Carton: 64 Cartons/Pallet: 12

- 327710 Gro-Block Improved Jumbo (6x6x4) w/ Hole - Loose on Pallet**
 Blocks/Carton: 704 Cartons/Pallet: 1



- 1 | **274999 Gro-Block Improved Hugo (6x6x6)
w/ Hole - Loose - Carton**
Units/Carton: 64 Cartons/Pallet: 8

- 1 | **286616 Gro-Block Improved Hugo (6x6x6)
w/ Hole - Loose On Pallet**
Units/Carton: 512 Cartons/Pallet: 1

- 2 | **287461 Gro-Block Improved Uni-Block (8x8x4)
No hole - Loose - Carton**
Units/Carton: 36 Cartons/Pallet: 12

- 3 | **286660 Gro-Block Improved Big Mama (8x8x8)
No Hole - Loose - Carton**
Units/Carton: 18 Cartons/Pallet: 12



"I've been growing for 21 years and have always used Grodan. Since switching to the new Improved Gro-Blocks, we've noticed a significant difference. We're getting healthy root acceleration all the way through, even block saturation from top to bottom, and they react great to dry backs."

—Kenny B., Master Grower
Angel City Farmers

GRODAN IMPROVED GRO-SLAB AND UNI-SLAB



Vertical Fiber orientation



Operational efficiency



Fast rooting-in



Automated saturation



Vigorous growth and greater yields



1 | **321147 Grodan Improved Unislab - (9.5x8x4)**
Carton
 Slabs/Bundle: 16 Bundles/Pallet: 18

2 | **320562 Grodan Improved Gro-Slab - (36x6x3)**
Bag
 Slabs/Bundle: 12 Bundles/Pallet: 10

3 | **320561 Grodan Improved Gro-Slab - (36x6x4)**
Bag
 Slabs/Bundle: 12 Bundles/Pallet: 8

4 | **320565 Grodan Improved Gro-Slab - (36x8x3)**
Bag
 Slabs/Bundle: 12 Bundles/Pallet: 8

5 | **320566 Grodan Improved Gro-Slab - (36x12x3)**
Bag
 Slabs/Bundle: 8 Bundles/Pallet: 8

6 | **324521 Grodan Improved Gro-Slab**
(36x6x3 w/ 3-4x4 pre-cut holes) - Bag
 Slabs/Bundle: 12 Bundles/Pallet: 10

7 | **324517 Grodan Improved Gro-Slab**
(36x6x4 w/ 3-4x4 pre-cut holes) - Bag
 Slabs/Bundle: 12 Bundles/Pallet: 8



8 | **327258 Grodan Improved Gro-Slab**
 (36x8x3 w/ 3-4x4 pre-cut holes) - Bag
 Slabs/Bundle: 12 Bundles/Pallet: 8

9 | **325067 Grodan Improved Gro-Slab**
 (36x8x3 w/ 3-6x6 pre-cut holes) - Bag
 Slabs/Bundle: 12 Bundles/Pallet: 8

GRODAN ADDITIONAL PRODUCTS



1 | **30298 Grow-CUBES L**
 (3 bags/box)
 Bags/Carton: 3 Cartons/Pallet: 8

31580 Grow-CUBES
 (5.07cu.ft box of loose)
 Carton: 1 Cartons/Pallet: 8

2 | **70039 Grow-CHUNKS**
 (3 large bags)
 Bags/Carton: 3 Cartons/Pallet: 8

3 | **115848 Gro-WOOL Absorbent Granulate**
 (45 lb. bag)
 Units/Carton: 1 Cartons/Pallet: 14

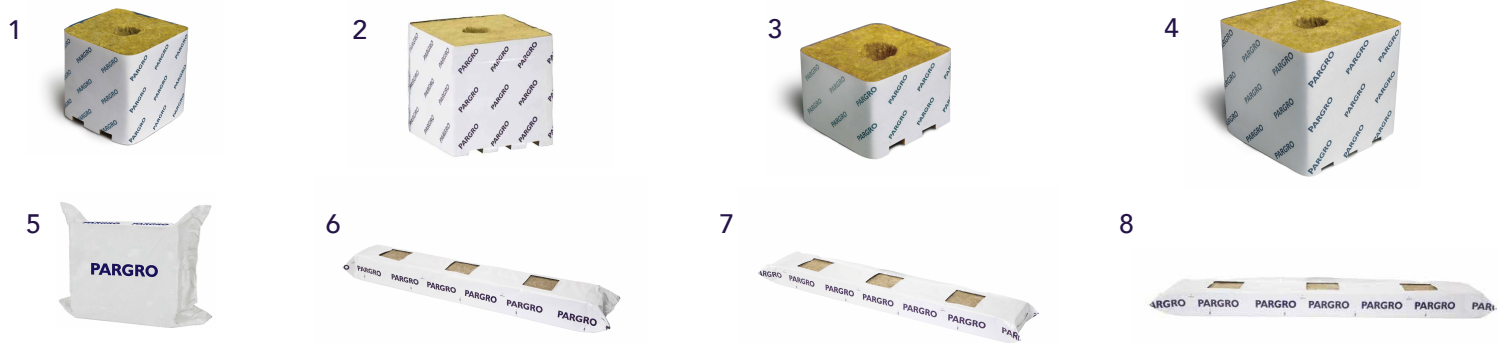
4 | **233550 Gro-Smart Tray (78 cells)**
 Units/Carton: 5 Cartons/Pallet: 64

A man with a beard and curly hair, wearing a blue hoodie, is looking towards the camera. He is in a greenhouse filled with cannabis plants. The background is slightly blurred, showing the structure of the greenhouse and rows of plants. The lighting is soft and natural, coming from the side.

PARGRO[®] PRODUCTS

The Pargro family of products are made in the most popular sizes that offer value to many growing situations, such as boutique or craft growers, growers transitioning from coco or soil, and small-scale enthusiasts.

Pargro media is quick draining with rapid water distribution and excellent re-saturation capabilities, making it easy to use.



**1 | 328443 PARGRO - PAR6,5 - Small 4" (4x4x2.6)
w/ Hole - Strip - Carton**

Blocks/Carton: 216 Cartons/Pallet: 12
Units/Strip: 12 Strips/Carton: 36

**2 | 328444 PARGRO - PAR10 - Large 4" (4x4x4)
w/ Hole - Loose On Pallet**

Block/Carton: 1584 Cartons/Pallet: 12

**328446 PARGRO - PAR10 - Large 4" (4x4x4)
w/ Hole - Strip - Carton**

Units/Carton: 144 Cartons/Pallet: 6
Units/Strip: 12 Strips/Carton: 24

**3 | 328455 PARGRO - PAR22,5 - Jumbo (6x6x4)
w/ Hole - Loose on Pallet**

Blocks/Carton: 704 Cartons/Pallet: 12

**328451 PARGRO - PAR22,5 - Jumbo (6x6x4)
w/ Hole - Loose - Carton**

Blocks/Carton: 64 Cartons/Pallet: 8

**4 | 328458 PARGRO - PAR32 - Biggie (6x6x6)
w/ Hole - Loose - Carton**

Blocks/Carton: 64 Cartons/Pallet: 8

**328459 PARGRO - PAR32 - Biggie (6x6x6)
w/ Hole - Loose On Pallet**

Blocks/Carton: 512 Cartons/Pallet: 1

**5 | 328731 PARGRO Slab - (9.5x8x4)
Carton**

Slabs/Carton: 16 Cartons/Pallet: 18

**6 | 328463 PARGRO Slab (36x6x4)
w/ 3-10x10 pre-cut holes - Bag**

Slabs/Bundle: 12 Cartons/Pallet: 8

**7 | 328467 PARGRO Slab (36x8x3)
w/ 3-10x10 pre-cut holes - Bag**

Slabs/Bundle: 12 Cartons/Pallet: 8

**8 | 328465 PARGRO Slab (36x6x3)
w/ 3-10x10 pre-cut holes - Bag**

Slabs/Bundle: 12 Cartons/Pallet: 10