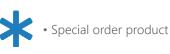


TERRAPOR AG - AGRICULTURAL GROWTH MEDIA

Our Agricultural Blend is mixed for vegetated roofs with numerous varieties of crop palettes. We custom blend per a project's crop palette. Agricultural Blend growth media offers many advantages:

- a precisely blended growth media designed for agricultural green roof systems with a media depth of 6-18 inches
- designed to be lightweight, Agricultural Blend growth media uses porous materials designed to retain maximum amounts of water while simultaneously promoting drainage
- optimized for farming and the production of agricultural crops
- blended to strict FLL-compliant guidelines







LEED Credits available for: • Materials & Resources (MR)



• Bulk

• 2 yd³ Supersack

2 yd³ Supersack

QUICK REFERENCE & SHIPPING DATA

Vegetated Roofing Use:

• Standard agricultural vegetated roofs

Coverage (1 yd³):

- at 9" = 36 ft²
- at 12" = 27 ft²
- at 18" = 18 ft²

Dry Weight (approximate):

• 43 lbs. / ft³

Saturated Weight (approximate):

- 74 lbs. / ft³
 - at 9" = 55.5 lbs. / ft^2
 - at 12" = 74.0 lbs. / ft²
 - at 18" = 111.0 lbs. / ft²

1863-GAG 01/21

• Bulk material weight

- Bulk material weighs approximately 1,425 lbs. / yd³
- 32 34 yd³ in dump trailer, 22 24 yd³ in a tri-axle

2 yd³ Super Sacks:

- 2 yd³ Super Sacks weigh approximately 2,850 lbs.
- 15 16 2 yd³ Super Sacks / flatbed trailer

Product # **1863**

TECHNICAL DAT	*Third party growth me	*Third party growth media analysis & testing completed by an authorized FLL Laboratory.		
Grain Size Distribution:	<u>mm</u>	Inches	<u>% of Dry Weight</u>	
Passing 1/2" Sieve	12.50	0.50	100	
Passing 3/8" Sieve	9.53	0.375	80 - 100	
Passing 1/8" Sieve	3.18	0.125	50 - 85	
Passing #18 Sieve	1.00	0.039	30 - 55	
Passing #60 Sieve	0.25	0.010	20 - 35	
Passing #230 Sieve	0.06	0.002	10 - 25	
Silt & Clay Fraction	< 0.06	< 0.002	< 10	
<u>Density:</u>	<u>g / cm</u> ³	<u>lbs. / ft</u> ³		
Application Density	0.61 - 0.78	38 - 49		
Saturated Density	1.01 - 1.25	63 - 78		
-		<u>% of Total Weight</u>		
Dry Media		31 - 62		
Water & Air Management:	<u>% by Volume</u>	<u>in³ / ft</u> ³		
Saturated Water Capacity	40 - 70	690 - 1205		
Saturated Air Capacity	> 10	> 173		
	<u>cm / hour</u>	inches / hour		
Saturated Hydraulic Conductivity	/ > 5.0	> 1.7		
pH, Lime, & Salt Content:	units	<u>% as CaCO₃</u>	<u>mmhos / cm</u>	
pH (saturated paste)	6.0 - 7.5	-	-	
Carbonate Content	-	< 2.5	-	
Electrical Conductivity	-	-	< 2.5	
<u>Organics:</u>	<u>% of Dry Weight</u>			
Organic Matter	8.0 - 10.0			
C/N Ratio	< 25:1			
Nutrients:	mg / I Saturated Extract	<u>lbs. / 1,000 ft³</u>	FLL Parameters Ibs. / 1,000 ft ³	
Nitrogen (NO ₃ + NH ₄ as N)	351 - 417	12 - 14	3 - 15	
Phosphorous (as P_2O_5)	135 - 189	6 - 7	1 - 7	
Potassium (K ₂ O)	324 - 340	14 - 15	6 - 15	
Calcium (Ca)	702 - 1134	27 - 44	19 - 65	
Magnesium (Mg)	162 - 216	6 - 9	3 - 15	
Sulfur (as SO ₄ -S)	81 - 97	3.0 - 3.5	1 - 3.5	
Copper (Cu)	7 - 14	0.25 - 0.50	0.25 - 0.50	
Zinc (Zn)	0.28 - 0.83	0.01 - 0.03	0.01 - 0.03	
Iron (Fe)	27 - 54	1 - 2.5	1 - 3	
Manganese (Mn)	27 - 81	1 - 3	1 - 3	
Boron (Water Soluble B)	7 - 14	0.25 - 0.50	0.25 - 0.50	
Cation Exchange Capacity:	<u>meg / 100g dw</u>			
CE _{cap}	> 6			