



Wetting Instructions for Grodan Improved Gro-Blocks

Full initial saturation is recommended for optimal performance of the GRO-blocks is essential for successful cultivation. It is the basis for optimal root development and growth of your crop.

1. Wetting blocks by submersion

- Prepare a nutrient solution of approximately 1.5 EC that has been pH adjusted to 5.5 - 6.5.
- Fill a container with the nutrient solution that will ensure the blocks will be fully covered by the nutrient solution.
- Place blocks into the container and allow to sink or submerge in the solution. Approximate sinking times are listed in the chart.
- Keep the blocks submerged until bubbling stops.
- Remove blocks from the solution and place on the bench with the grooves in the direction of the drain to enable excess nutrient solution to drain from the block.

2. Checking the water absorption in the blocks

- It is important to ensure full saturation of Grodan products to prevent dry areas that might affect production. To properly assess saturation, we advise checking the wet weight of the products.
- You must weigh several blocks, in different parts of your bench and facility.
- Compare the wet weight after saturation to the chart below noting that these are guidelines.
- Use the recommended target weight per product as indicated in the table.

TABLE WITH RECOMMENDED VALUES (METRIC)

Description	Dimensions (WxHxL) in cm	Approximate Sinking Time (Seconds)	WC advice in grams (minimum)
Grodan GRO-BLOCK Improved Mini-Block 1.5"	4*4*4	10	57
Grodan GRO-BLOCK Improved Mini-Block 2"	5*5*5	10	110
Grodan GRO-BLOCK Improved GR4 Small 3"	7.5*7.5*6.5	10 - 15	325
Grodan GRO-BLOCK Improved GR5.6 Large 3"	7.5*7.5*10	10 - 15	500
Grodan GRO-BLOCK Improved GR6.5 Small 4"	10*10*6.5	10 - 15	550
Grodan GRO-BLOCK Improved GR7.5 Medium 4"	10*10*7.5	15 - 20	600
Grodan GRO-BLOCK Improved GR10 Large 4"	10*10*10	15 - 25	800
Grodan GRO-BLOCK Improved GR22.5 Jumbo	15*15*10	40 - 60	1800
Grodan GRO-BLOCK Improved GR32 Hugo	15*15*14.2	40 - 60	2650
Grodan GRO-BLOCK Improved GR40 Uni-Block	20*20*10	40 - 60	3200
Grodan GRO-BLOCK Improved Big Mama	20.3 x 20.3 x 20.3	50 - 70	6400

TABLE WITH RECOMMENDED VALUES (US)

Description	Dimensions (WxHxL) in cm	Approximate Sinking Time (Seconds)	WC advice in ounces (minimum)
Grodan GRO-BLOCK Improved Mini-Block 1.5"	4*4*4	10	2.0
Grodan GRO-BLOCK Improved Mini-Block 2"	5*5*5	10	3.9
Grodan GRO-BLOCK Improved GR4 Small 3"	7.5*7.5*6.5	10 - 15	11.5
Grodan GRO-BLOCK Improved GR5.6 Large 3"	7.5*7.5*10	10 - 15	17.6
Grodan GRO-BLOCK Improved GR6.5 Small 4"	10*10*6.5	10 - 15	19.4
Grodan GRO-BLOCK Improved GR7.5 Medium 4"	10*10*7.5	15 - 20	21.2
Grodan GRO-BLOCK Improved GR10 Large 4"	10*10*10	15 - 25	28.2
Grodan GRO-BLOCK Improved GR22.5 Jumbo	15*15*10	40 - 60	63.5
Grodan GRO-BLOCK Improved GR32 Hugo	15*15*14.2	40 - 60	93.5
Grodan GRO-BLOCK Improved GR40 Uni-Block	20*20*10	40 - 60	112.9
Grodan GRO-BLOCK Improved Big Mama	20.3 x 20.3 x 20.3	50 - 70	225.8