

Osmocote® Bloom

12-7-18



SKU - A90102
Packaging - 50 lb

Osmocote® Bloom is right at home in the greenhouse. It is specially formulated for plants grown in smaller containers with a production time of 6-12 weeks. Incorporating 100% coated prills into your growing media prior to planting assures your plants will constantly receive the nutrition they need all the way through to market.

Target Crops/ Special Uses

Osmocote® Bloom contains a complete package of N-P-K, blended with magnesium and essential micronutrients encouraging faster, stronger root development, resulting in more compact, consistently sized plants. This provides more nutrition to the plant and not down the drain. Research and trial results show Osmocote® Bloom produces a plant response equal to or better than water soluble fertilizers.

The prill is about 1/5 the size of a standard Osmocote® prill. This smaller size provides better uniformity and even distribution of nutrition in smaller containers, optimizing plant utilization.



PRODUCT ADVANTAGES

- Provides maximum nutrition throughout the crop cycle, selling and early consumer stages.
- Osmocote® Bloom continues to feed after leaving the greenhouse for better quality (and presentation) in the garden center.
- Minimal impact to root zone pH and EC.

Where needs take us



Longevity at the following Average Media Temperature (F)			
60°F (15°C)	70°F (21°C)	80°F (26°C)	90°F (32°C)
6-7 MONTHS	5-6 MONTHS	4-5 MONTHS	3-4 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	12%
6.7% Ammoniacal Nitrogen	
5.3% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)*	7%
Soluble Potash (K ₂ O)*	18%
Magnesium (Mg)*	1.1%
0.7% Water Soluble Magnesium (Mg)	
Sulfur (S)*	7.0%
Boron (B)*	0.025%
Iron (Fe)*	0.36%
0.07% Water Soluble Iron (Fe)	
0.0049% Chelated Iron (Fe)	
Manganese (Mn)*	0.05%
0.05% Water Soluble Manganese (Mn)	
Molybdenum (Mo)*	0.018%

Derived from: Polymer-Coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Magnesium Sulfate, Sodium Borate, Iron Phosphate, Iron EDTA, Manganese Sulfate, Sodium Molybdate

* The nitrogen, phosphate, potash, magnesium, sulfur, boron, iron, manganese, and molybdenum sources have been coated to provide 12% coated slow-release nitrogen (N), 7% coated slow-release available phosphate (P₂O₅), 18% coated slow-release soluble potash (K₂O), 1.1% coated slow-release magnesium (Mg), 7% coated slow-release sulfur (S), 0.02% coated slow-release boron (B), 0.36% coated slow-release iron (Fe), 0.05% coated slow-release manganese (Mn), 0.018% coated slow-release molybdenum (Mo).

APPLICATION RATES

The application rates listed are intended as a guideline in developing a fertilization program. These rates may or may not apply to your area or growing conditions. It is the responsibility of the grower to determine the appropriate rate. Your rate may be higher or lower than suggested based on your growing conditions. Follow label instructions and use care when handling all fertilizer products.

FOR PROFESSIONAL USE ONLY

ICL Specialty Fertilizers recommends a product trial prior to adopting a new fertilizer program. Product selection and application rate should be based on individual grower practice. The following are general recommendations only.

SUGGESTED APPLICATION RATES:

CONTAINER NURSERY STOCK SUGGESTED APPLICATION AND RATES		
Product selection and application rates should be based on individual grower practices. Some factors that influence selection include:		
• Climate	• Specific Crop	• Type of Growing Media
• Other Nutrient Sources	• Irrigation Type	• Rainfall Amount
For greenhouse applications we recommend using low to medium rates. Contact your local ICL Specialty Fertilizers Territory Manager for more information.		

GREENHOUSE & NURSERY TOPDRESS RATES PER CONTAINER (GRAMS)**

SURFACE APPLICATION RATES PER CONTAINER (GRAMS)				
Common Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard**	Low	Medium	High
4 in. Standard (0.88 pt.)	1836	0.9 - 1.4	1.4 - 1.9	1.9 - 2.5
4 in. Square (1.25 pt.)	1293	1.2 - 1.9	1.9 - 2.6	2.6 - 3.5
5 in. Azalea (1.62 pt.)	998	1.6 - 2.5	2.5 - 3.4	3.4 - 4.5
1 qt.	850	2 - 3	3 - 4	4 - 5
6 in. Azalea (1.5 qt.)	539	3 - 5	5 - 6	6 - 8
6 in. Hanging Basket (1.5 qt.)	539	3 - 5	5 - 6	6 - 8
6 in. Standard (1.75 qt.)	462	3 - 5	5 - 7	7 - 10
6.5 in. Azalea (1.8 qt.)	449	4 - 6	6 - 8	8 - 10
2 qt.	400	4 - 6	6 - 9	9 - 11
Trade 1 gal.	300	5 - 8	8 - 11	11 - 15
8 in. Azalea (3 qt.)	269	6 - 9	9 - 13	13 - 17
8 in. Hanging Basket (3 qt.)	269	6 - 9	9 - 13	13 - 17
8 in. Mum Pan (1 gal.)	260	6 - 10	10 - 13	13 - 17
1 gal.	210	8 - 12	12 - 16	16 - 22
9 in. Mum Pan (1.25 gal.)	166	10 - 15	15 - 12	21 - 27
10 in. Hanging Basket (1.5 gal.)	150	11 - 17	17 - 23	23 - 30
Trade 2 gal.	125	13 - 20	20 - 27	27 - 36
12 in. Color Bowl (2 gal.)	112	14 - 22	22 - 30	30 - 41
2 gal.	102	16 - 24	24 - 33	33 - 45
12 in. Hanging Basket (2.25 gal.)	100	16 - 25	25 - 34	34 - 45

** Actual container fill rates may vary depending on container brand, specific growing media and fill method.

SUGGESTED GREENHOUSE & NURSERY APPLICATION RATES

INCORPORATION RATES	LOW	MEDIUM	HIGH
Lb. per cubic yard	3.5 - 5.5	5.5 - 7.5	7.5 - 10
Grams. per cubic foot	59 - 92	92 - 126	126 - 168
Grams per liter	2.1 - 3.3	3.3 - 4.4	4.4 - 5.9

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	10	15	20	42	55	80	108
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	½ c.	1 c.	
Approximate Weight (in grams)	6	17	68	91	136	273	

28 grams = 1 oz. / 454 grams = 1 lb. 28 gramos = 1 oz. / 454 gramos = 1 lb.

