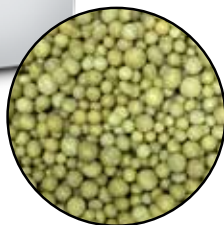


19-6-12



SKU - A90551
Packaging - 50 lb



Osmocote® contains 100% plant resin coated N-P-K nutrient cores creating the best controlled release fertilizer available. The proven, consistent release of all three major nutrients provides an ideal dependable solution for growing top quality plants.

Target Crops/ Special Uses

Osmocote® homogenous N-P-K is commonly used in media mixes combined with Micromax® to provide a complete growing solution for use in bedding plant, pot plant and container nursery stock production. Osmocote® is also commonly used in soil containing flower and landscape beds.

Osmocote®'s homogenous N-P-K prills allow for the most even distribution of nutrients throughout the media. More prills releasing the major nutrients in the root zone increases the plants ability to take the nutrients up. Because the plants are continuously taking up the nutrients as they are released, Osmocote® increases nutrient efficiency by reducing leaching and de-nitrification.



PRODUCT ADVANTAGES

- For use in greenhouse production, nurseries, container gardens, interiorscapes and landscapes.
- Time tested and proven homogenous N-P-K delivers nutrition consistently and reliably over time.
- For optimum results, use in combination with Micromax® micronutrients.
- Osmocote® is the only controlled release fertilizer using a coating made from natural plant resins.

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)
4 – 5 MONTHS	3 – 4 MONTHS	2 – 3 MONTHS	1 – 2 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	19%
10.0% Ammoniacal Nitrogen	
9.0% Nitrate Nitrogen	
Available Phosphate (P2O5)*	6%
Soluble Potash (K2O)*	12%

Derived from: Polymer-Coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate

* The nitrogen, phosphate and potash sources have been coated to provide 19% coated slow-release nitrogen (N), 6% coated slow-release available phosphate (P2O5), and 12% coated slow-release soluble potash (K2O).

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
6 in. Aza/HB (1.5 qt.)	539	3	5	8
6 in. Standard (1.75 qt.)	462	3	6	9
6.5 in. Azalea (1.8 qt.)	449	3	7	10
8 in. Aza/HB (3 qt.)	269	5	11	16
8 in. Mum Pan (1 gal.)	260	5	11	17
9 in. Mum Pan (1.25 gal.)	166	8	18	26
10 in. Hanging Basket (1.5 gal.)	150	9	20	29
12 in. Color Bowl (2 gal.)	112	12	26	39
12 in. Hanging Basket (2.25 gal.)	100	14	30	43
1 qt.	850	2	3	5
2 qt.	400	3	7	11
Trade 1 gal.	300	5	10	14
1 gal.	210	6	14	21
Trade 2 gal.	125	11	24	35
2 gal.	102	13	29	42
3 gal.	70	19	42	62
5 gal.	52	26	57	83
7 gal.	35	39	84	123

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	47	102	149
15 Gallon - 17.5"	1.5	50	109	160
20 Gallon - 21"	2.3	77	168	245
25 Gallon - 22.5"	2.8	94	204	298
30 Gallon - 26.5" diam.	3.8	128	277	405
45 Gallon - 30" diam.	4.8	161	350	511
65 Gallon - 30" diam.	4.8	161	350	511
100 Gallon - 36" diam.	7.1	239	517	756
200 Gallon - 48.5" diam	12.8	430	933	1363
24 inch box	4.0	135	291	426
30 inch box	6.25	210	455	666
36 inch box	9.0	303	656	958
48 inch box	16.0	538	1166	1704
Other Larger Containers – multiply the actual container surface area in sq. ft. by these rates:		34	73	106

*** 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	3.0	6.5	9.5
Kg. per cubic meter	1.8	3.9	5.6
Grams per liter	1.8	3.9	5.6

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	9	14	18	37	48	71	98
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	15	67	90	135	269	

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