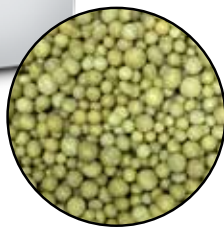




SKU - A90554  
Packaging - 50 lb



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.

Longevity at the following Average Media Temperature (F)			
60°F (15°C)	70°F (21°C)	80°F (26°C)	90°F (32°C)
9 - 10 MONTHS	<b>8 - 9 MONTHS</b>	6 - 7 MONTHS	5 - 6 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 14% coated slow-release nitrogen (N), 14% coated slow-release available phosphate (P2O5), and 14% 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	6	9	12
6 in. Standard (1.75 qt.)	462	7	10	14
6.5 in. Azalea (1.8 qt.)	449	7	11	14
8 in. Aza/HB (3 qt.)	269	12	1	24
8 in. Mum Pan (1 gal.)	260	12	18	24
9 in. Mum Pan (1 gal.)	166	19	29	38
10 in. Mum Pan (1.25 gal.)	150	21	32	42
12 in. Color Bowl (2 gal.)	112	28	43	56
12 in. Hanging Basket (2.25 gal.)	100	32	48	64
1 qt.	850	4	6	7
2 qt.	400	8	12	16
Trade 1 gal.	300	11	16	21
1 gal.	210	15	23	30
Trade 2 gal.	125	25	38	51
2 gal.	102	31	47	62
3 gal.	70	45	68	91
5 gal.	52	61	92	122
7 gal.	35	91	136	182

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	110	165	220
15 Gallon - 17.5"	1.5	118	177	235
20 Gallon - 21"	2.3	180	271	361
25 Gallon - 22.5"	2.8	220	330	439
30 Gallon - 26.5" diam.	3.8	298	447	596
45 Gallon - 30" diam.	4.8	377	565	753
65 Gallon - 30" diam.	4.8	377	565	753
100 Gallon - 36" diam.	7.1	557	836	1114
200 Gallon - 48.5" diam	12.8	1004	1507	2009
24 inch box	4.0	314	471	628
30 inch box	6.25	490	736	981
36 inch box	9.0	706	1059	1412
48 inch box	16.0	1256	1883	2511
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		78	118	157

\*\*\* 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	7.0	10.5	14.0
Kg. per cubic meter	4.2	6.2	8.3
Grams per liter	4.2	6.2	8.3

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	10	14	19	39	51	76	102
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	1 c.		
Approximate Weight (in grams)	5	16	71	96	142	287	

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