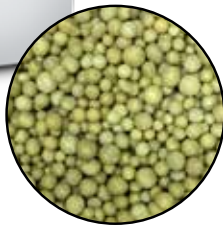


19-6-12



SKU - A90557
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 nursery, foliage and greenhouse production, container gardens, interiorscapes and landscapes.
- Time tested and proven, homogeneous Osmocote® N-P-K delivers nutrition consistently within specified longevities.
- For optimum results, use in combination with Micromax® micronutrients.

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)
14 - 16 MONTHS	12 - 14 MONTHS	8 - 9 MONTHS	7 - 8 MONTHS

GUARANTEED ANALYSIS F1877

TOTAL NITROGEN (N)*	19.00%
10.00% AMMONIACAL NITROGEN"	
9.00% NITRATE NITROGEN"	
AVAILABLE PHOSPHATE (P O)*	6.00%
SOLUBLE POTASH (K O)*	12.00%

DERIVED FROM: POLYMER-COATED AMMONIUM NITRATE, AMMONIUM PHOSPHATE, POTASSIUM SULFATE AND CALCIUM PHOSPHATE .

* THE NUTRIENT SOURCES HAVE BEEN COATED TO PROVIDE 16% COATED SLOW-RELEASE NITROGEN (N), 5% COATED SLOW-RELEASE AVAILABLE PHOSPHATE (P₂O₅) AND 10% 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
• Other Nutrient Sources	• Irrigation Type
	• Type of Growing Media
	• 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	8	11	14	
6 in. Standard (1.75 qt.)	462	9	13	17	
6.5 in. Azalea (1.8 qt.)	449	10	13	17	
8 in. Aza/HB (3 qt.)	269	16	22	29	
8 in. Mum Pan (1 gal.)	260	17	23	30	
9 in. Mum Pan (1 gal.)	166	26	36	46	
10 in. Mum Pan (1.25 gal.)	150	29	39	51	
12 in. Color Bowl (2 gal.)	112	39	53	69	
12 in. Hanging Basket (2.25 gal.)	100	43	59	77	
1 qt.	850	5	7	9	
2 qt.	400	11	15	19	
Trade 1 gal.	300	14	20	26	
1 gal.	210	2	28	37	
Trade 2 gal.	125	35	47	62	
2 gal.	102	42	58	76	
3 gal.	70	62	84	110	
5 gal.	52	83	114	148	
7 gal.	35	123	169	221	

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	149	204	267
15 Gallon - 17.5"	1.5	160	219	286
20 Gallon - 21"	2.3	245	335	438
25 Gallon - 22.5"	2.8	298	408	534
30 Gallon - 26.5" diam.	3.8	405	554	724
45 Gallon - 30" diam.	4.8	511	699	915
65 Gallon - 30" diam.	4.8	511	699	915
100 Gallon - 36" diam.	7.1	756	1035	1353
200 Gallon - 48.5" diam	12.8	1363	1865	2439
24 inch box	4.0	426	583	762
30 inch box	6.25	666	911	1191
36 inch box	9.0	958	1312	1715
48 inch box	16.0	1704	2332	3049
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		106	146	191

*** 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	9.5	13.0	17.0
Kg. per cubic meter	5.6	7.7	10.1
Grams per liter	5.6	7.7	10.1

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	75	101
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	¾ c.	1 c.	
Approximate Weight (in grams)	5	16	71	94	141	282	

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