



SKU - A90552
Packaging - 50 lb



Osmocote® 13-13-13 is a proven 100% resin-coated fertilizer. It safely delivers N-P-K nutrition for up to 9 months. This product is commonly used in greenhouse production as a base feed incorporated into the growing media or topdressed onto hanging baskets at the point of sale to provide nutrition to your customer throughout the growing season.

Target Crops/ Special Uses

General purpose formulation for a wide variety of plant types. For use in nursery, foliage and greenhouse production, container gardens, interiorscapes and landscapes.

- Excellent as a base feed for heavy feeding greenhouse crops in combination with Peters water-soluble fertilizer.
- Ideal for topdressing established hanging baskets, perennials and foliage plants.
- Safe and easy long-term feeding of interior foliage plants.
- Great for combination planters, container gardens and landscape beds requiring N-P-K.
- For optimum results, incorporate in combination with Micromax® Micronutrients.



PRODUCT ADVANTAGES

- Homogeneous Osmocote® N-P-K delivers nutrition consistently for many months.
- Provides a sustained supply of nitrogen, phosphorus and potassium critical for proper plant growth and development.
- Safe & predictable nutrient release.
- Eliminates repeated applications, saving time, labor, and ultimately dollars.

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	8 - 9 MONTHS	6 - 7 MONTHS	5 - 6 MONTHS

GUARANTEED ANALYSIS F1877

TOTAL NITROGEN (N)*	13%
7.5% AMMONIACAL NITROGEN	
5.5% NITRATE NITROGEN	
AVAILABLE PHOSPHATE (P ₂ O ₅)*	13%
SOLUBLE POTASH (K ₂ O)*	13%

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

* The nitrogen, phosphate and potash sources have been coated to provide 13% coated slow-release nitrogen (N), 13% coated slow-release available Phosphate (P₂O₅), and 13% 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	13	18
6 in. Standard (1.75 qt.)	462	10	15	21
6.5 in. Azalea (1.8 qt.)	449	10	15	21
8 in. Aza/HB (3 qt.)	269	17	25	35
8 in. Mum Pan (1 gal.)	260	17	26	37
9 in. Mum Pan (1 gal.)	166	27	41	57
10 in. Mum Pan (1.25 gal.)	150	30	45	64
12 in. Color Bowl (2 gal.)	112	41	61	85
12 in. Hanging Basket (2.25 gal.)	100	45	68	95
1 qt.	850	5	8	11
2 qt.	400	11	17	24
Trade 1 gal.	300	15	23	32
1 gal.	210	22	32	45
Trade 2 gal.	125	36	54	76
2 gal.	102	45	67	93
3 gal.	70	65	97	136
5 gal.	52	87	131	183
7 gal.	35	130	195	272

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	157	235	330
15 Gallon - 17.5"	1.5	168	252	353
20 Gallon - 21"	2.3	258	387	541
25 Gallon - 22.5"	2.8	314	471	659
30 Gallon - 26.5" diam.	3.8	426	639	895
45 Gallon - 30" diam.	4.8	538	807	1130
65 Gallon - 30" diam.	4.8	538	807	1130
100 Gallon - 36" diam.	7.1	796	1194	1671
200 Gallon - 48.5" diam	12.8	1435	2152	3013
24 inch box	4.0	448	673	942
30 inch box	6.25	701	1051	1471
36 inch box	9.0	1009	1513	2119
48 inch box	16.0	1794	2690	3767
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		112	168	235

*** 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	10.0	15.0	21.0
Kg. per cubic meter	5.9	8.9	12.5
Grams per liter	5.9	8.9	12.5

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN						
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6
Approximate Weight (in grams)	10	14	18	38	50	74
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	16	70	94	140	281

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