

## 14-14-14



SKU - A90550  
Packaging - 50 lb



Osmocote® 14-14-14, the original time tested and proven resin coated fertilizer, safely and consistently delivers N-P-K nutrition for up to 4 months. Often used in greenhouse production as a base feed, it is incorporated into the growing media or top dressed onto hanging baskets at point of sale to provide long term nutrition to the green goods consumer.

### Target Crops/ Special Uses

General purpose formulation for a wide variety of plant types especially those needing a boost of phosphorus. 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.
- 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.

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	<b>3 – 4 MONTHS</b>	2 – 3 MONTHS	1 – 2 MONTHS

**GUARANTEED ANALYSIS**

**F1877**

Total Nitrogen (N)\*..... 14%  
 8.2% Ammoniacal Nitrogen  
 5.8% Nitrate Nitrogen  
 Available Phosphate (P2O5)\*..... 14%  
 Soluble Potash (K2O)\*..... 14%

**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 GREENHOUSE & NURSERY APPLICATION RATES**

INCORPORATION RATES	LOW	MEDIUM	HIGH
Lb. per cubic yard	3.5	8.5	13.0
Kg. per cubic meter	2.1	5.0	7.0
Grams per liter	2.1	5.0	7.0
LANDSCAPE RATES**	LOW	MEDIUM	HIGH
Lb. per 1000 sq. ft.	7.0	14.0	21.5
Kg. per 100 sq. m.	3.4	6.8	10.5
Lb. of N per 1000 sq. ft.	1.0	2.0	3.0

\*\*Use low rate on heavy or clay soils, high rate on light or sandy soils depending on soil test.

**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	7	11
6 in. Standard (1.75 qt.)	462	3	8	13
6.5 in. Azalea (1.8 qt.)	449	4	9	13
8 in. Aza/HB (3 qt.)	269	6	14	22
8 in. Mum Pan (1 gal.)	260	6	15	23
9 in. Mum Pan (1 gal.)	166	10	23	36
10 in. Mum Pan (1.25 gal.)	150	11	26	39
12 in. Color Bowl (2 gal.)	112	14	34	53
12 in. Hanging Basket (2.25 gal.)	100	16	39	59
1 qt.	850	2	5	7
2 qt.	400	4	10	15
Trade 1 gal.	300	5	13	20
1 gal.	210	8	18	28
Trade 2 gal.	125	13	31	47
2 gal.	102	16	38	58
3 gal.	70	23	55	84
5 gal.	52	31	74	114
7 gal.	35	45	110	169

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	55	133	204
15 Gallon - 17.5"	1.5	59	143	219
20 Gallon - 21"	2.3	90	219	335
25 Gallon - 22.5"	2.8	110	267	408
30 Gallon - 26.5" diam.	3.8	149	362	554
45 Gallon - 30" diam.	4.8	188	457	699
65 Gallon - 30" diam.	4.8	188	457	699
100 Gallon - 36" diam.	7.1	279	677	1035
200 Gallon - 48.5" diam	12.8	502	1220	1865
24 inch box	4.0	157	381	583
30 inch box	6.25	245	596	911
36 inch box	9.0	353	858	1312
48 inch box	16.0	628	1525	2332
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		39	95	146

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

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN	#1	#2	#3	#4	#5	#6	#7
ICL Yellow Spoons (level)							
Approximate Weight (in grams)	10	14	19	39	51	75	101
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.		1 c.
Approximate Weight (in grams)	5	16	71	95	142		285

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