

Osmocote® Pro

SKU# E90181



PRODUCT ANALYSIS AND RATES



- For use on nursery stock, foliage and landscapes.
- 2nd Generation Osmocote® Pro contains Osmocote® N-P-K blended with micronutrients and other fertilizer technologies, to deliver nutrition consistently within specified longevities.
- This product contains micronutrients in sulfated form for improved plant availability.
- Does not contain urea.

CONTAINER NURSERY STOCK SUGGESTED APPLICATION AND RATES
 Product selection and application rate 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

LONGEVITY at the following average media temperature			
60° F (15° C)	70° F (21° C)	80° F (26° C)	90° F (32° C)
9 to 10 months	8 to 9 months	6 to 7 months	5 to 6 months

SURFACE APPLICATION RATES PER CONTAINER (GRAMS)				
Common Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard**	Low	Medium	High
1 qt.	850	4	6	9
2 qt.	400	9	14	18
Trade 1 gal.	300	11	18	24
1 gal.	210	16	26	35
Trade 2 gal.	125	27	44	58
2 gal.	102	33	53	71
3 gal.	70	49	78	104
5 gal.	52	65	105	140
7 gal.	35	97	156	208

GUARANTEED ANALYSIS 17-5-11

TOTAL NITROGEN (N)*	17.00%
9.00% Ammoniacal Nitrogen	
8.00% Nitrate Nitrogen	
AVAILABLE PHOSPHATE (P ₂ O ₅)*	5.00%
SOLUBLE POTASH (K ₂ O)*	11.00%
SULFUR (S)*	5.00%
5.00% Combined Sulfur	
COPPER (Cu)	0.13%
0.13% Water Soluble Copper	
IRON (Fe)	2.20%
2.20% Water Soluble Iron	
MANGANESE (Mn)	0.32%
0.32% Water Soluble Manganese	
MOLYBDENUM (Mo)	0.006%
ZINC (Zn)	0.13%
0.13% Water Soluble Zinc	

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 gal. - 17 in. diameter	1.4	118	188	251
15 gal. - 17.5 in.	1.5	126	202	269
20 gal. - 21 in.	2.3	193	309	413
25 gal. - 22.5 in.	2.8	235	377	502
30 gal. - 26.5 in. diameter	3.8	319	511	682
45 gal. - 30 in. diameter	4.8	404	646	861
65 gal. - 30 in. diameter	4.8	404	646	861
100 gal. - 36 in. diameter	7.1	597	955	1273
200 gal. - 48.5 in. diameter	12.8	1076	1722	2296
24 in. box	4.0	336	538	717
30 in. box	6.25	525	841	1121
36 in. box	9.0	757	1211	1614
48 in. box	16.0	1345	2152	2870
Other Larger Containers—multiply the actual container surface area in sq. ft. by these rates:		84	135	179

Derived from: Polymer-coated: ammonium nitrate, ammonium phosphate, calcium phosphate, potassium sulfate; ferrous sulfate, manganese sulfate, zinc sulfate, copper sulfate and sodium molybdate.

* The nitrogen, phosphorus, potassium and sulfur sources have been coated to provide 14.4% coated slow-release nitrogen (N), 4.2% coated slow-release available phosphate (P₂O₅), 9.3% coated slow-release soluble potash (K₂O) and 3.0% coated slow-release sulfur (S).

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

For Professional Use Only

Everris recommends a product trial prior to adopting a new fertilizer program. Product selection and application rate should be based on individual grower practices. The following are general recommendations only.

INCORPORATION RATES			
	Low	Medium	High
Lb. per cubic yard	7.5	12.0	16.0
Kg. per cubic meter	4.4	7.1	9.5
Grams per liter	4.4	7.1	9.5
LANDSCAPE RATES***			
Lb. per 1000 sq. ft.	12.0	20.5	29.5
Kg. per 100 sq. m.	5.9	10.0	14.4
Lb. of N per 1000 sq. ft.	2.0	3.5	5.0

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

APPROXIMATE VOLUME MEASURES

Everris Yellow Spoons (level)

Conventional Measures (level)

#1 = 9 grams	#3 = 17 grams	#5 = 47 grams	#7 = 94 grams	1 tsp. = 5 grams	1/3 cup = 88 grams	28 grams (g) = 1 ounce (oz.)
#2 = 13 grams	#4 = 36 grams	#6 = 69 grams		1 tbsp. = 15 grams	1/2 cup = 132 grams	454 grams (g) = 1 pound (lb.)
				1/4 cup = 66 grams	1 cup = 263 grams	

