

# Osmocote® Pro

SKU# E90182



- 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.

LONGEVITY at the following average media temperature			
60° F (15° C)	70° F (21° C)	80° F (26° C)	90° F (32° C)
14 to 16 months	12 to 14 months	8 to 9 months	7 to 8 months

### GUARANTEED ANALYSIS 17-5-11

TOTAL NITROGEN (N)*	17.00%
9.00% Ammoniacal Nitrogen	
8.00% Nitrate Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*	5.00%
SOLUBLE POTASH (K <sub>2</sub> O)*	11.00%
SULFUR (S)*	5.00%
5.00% Combined Sulfur	
COPPER (Cu)	0.11%
0.11% Water Soluble Copper	
IRON (Fe)	1.87%
1.87% Water Soluble Iron	
MANGANESE (Mn)	0.27%
0.27% Water Soluble Manganese	
MOLYBDENUM (Mo)	0.005%
ZINC (Zn)	0.11%
0.11% Water Soluble Zinc	

**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 (P<sub>2</sub>O<sub>5</sub>), 9.3% coated slow-release soluble potash (K<sub>2</sub>O) and 3.0% coated slow-release sulfur (S).

#### 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.

### 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

### SURFACE APPLICATION RATES PER CONTAINER (GRAMS)

Common Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard**	Low	Medium	High
1 qt.	850	6	8	10
2 qt.	400	12	16	22
Trade 1 gal.	300	16	22	29
1 gal.	210	23	31	41
Trade 2 gal.	125	38	53	69
2 gal.	102	47	65	85
3 gal.	70	68	94	123
5 gal.	52	92	127	166
7 gal.	35	136	188	246

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 gal. - 17 in. diameter	1.4	165	228	298
15 gal. - 17.5 in.	1.5	177	244	319
20 gal. - 21 in.	2.3	271	374	490
25 gal. - 22.5 in.	2.8	330	455	596
30 gal. - 26.5 in. diameter	3.8	447	618	809
45 gal. - 30 in. diameter	4.8	565	780	1022
65 gal. - 30 in. diameter	4.8	565	780	1022
100 gal. - 36 in. diameter	7.1	836	1154	1512
200 gal. - 48.5 in. diameter	12.8	1507	2081	2726
24 in. box	4.0	471	650	852
30 in. box	6.25	736	1016	1331
36 in. box	9.0	1059	1463	1917
48 in. box	16.0	1883	2601	3408
Other Larger Containers—multiply the actual container surface area in sq. ft. by these rates:		118	163	213

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

### INCORPORATION RATES

	Low	Medium	High
Lb. per cubic yard	10.5	14.5	19.0
Kg. per cubic meter	6.2	8.6	11.3
Grams per liter	6.2	8.6	11.3

### LANDSCAPE RATES\*\*\*

	Low	Medium	High
Lb. per 1000 sq. ft.	12.0	23.5	35.0
Kg. per 100 sq. m.	5.9	11.5	17.1
Lb. of N per 1000 sq. ft.	2.0	4.0	6.0

\*\*\* 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	