

# Osmocote® Pro



SKU# E901316\*

- 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 coated urea and micronutrients in sulfate/oxide form.
- For general purpose outdoor nursery production.

\* Available in Canada SKU # E98360

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

## GUARANTEED ANALYSIS 19-5-8

TOTAL NITROGEN (N)**	19.00%
6.60% Ammoniacal Nitrogen	
5.70% Nitrate Nitrogen	
6.70% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )**	5.00%
SOLUBLE POTASH (K <sub>2</sub> O)**	8.00%
MAGNESIUM (Mg)	1.40%
0.70% Water Soluble Magnesium	
SULFUR (S)	8.00%
4.30% Combined Sulfur	
3.70% Free Sulfur	
COPPER (Cu)	0.05%
0.001% Water Soluble Copper	
IRON (Fe)	0.90%
0.001% Water Soluble Iron	
MANGANESE (Mn)	0.34%
0.23% Water Soluble Manganese	
ZINC (Zn)	0.11%
0.001% Water Soluble Zinc	

**Derived from:** Polymer-coated, sulfur-coated urea; polymer-coated: ammonium nitrate, ammonium phosphate, potassium sulfate, calcium phosphate, ferrous sulfate, iron oxide, magnesium sulfate, magnesium oxide, zinc sulfate, zinc oxide, copper sulfate, copper oxide, manganese sulfate and manganese oxide.

\*\* The nitrogen, phosphorus and potassium sources have been coated to provide 16.0% coated slow-release nitrogen (N), 4.0% coated slow-release available phosphate (P<sub>2</sub>O<sub>5</sub>) and 6.5% coated slow-release soluble potash (K<sub>2</sub>O).

### For Professional Use Only

This product is not recommended for use in covered production areas or in propagation. 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	4	6	7
2 qt.	400	8	12	16
Trade 1 gal.	300	11	16	21
1 gal.	210	15	23	30
Trade 2 gal.	125	25	38	51
2 gal.	102	31	47	62
3 gal.	70	45	68	91
5 gal.	52	61	92	122
7 gal.	35	91	136	182

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 gal. - 17 in. diameter	1.4	110	165	220
15 gal. - 17.5 in.	1.5	118	177	235
20 gal. - 21 in.	2.3	180	271	361
25 gal. - 22.5 in.	2.8	220	330	439
30 gal. - 26.5 in. diameter	3.8	298	447	596
45 gal. - 30 in. diameter	4.8	377	565	753
65 gal. - 30 in. diameter	4.8	377	565	753
100 gal. - 36 in. diameter	7.1	557	836	1114
200 gal. - 48.5 in. diameter	12.8	1004	1507	2009
24 in. box	4.0	314	471	628
30 in. box	6.25	490	736	981
36 in. box	9.0	706	1059	1412
48 in. box	16.0	1256	1883	2511
Other Larger Containers—multiply the actual container surface area in sq. ft. by these rates:		78	118	157

\*\*\* 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	7.0	10.5	14.0
Kg. per cubic meter	4.2	6.2	8.3
Grams per liter	4.2	6.2	8.3
LANDSCAPE RATES****			
Lb. per 1000 sq. ft.	10.5	18.5	26.5
Kg. per 100 sq. m.	5.1	9.0	12.9
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 = 93 grams	1 tsp. = 5 grams	1/3 cup = 87 grams	28 grams (g) = 1 ounce (oz.)
#2 = 13 grams	#4 = 36 grams	#6 = 69 grams		1 tbsp. = 15 grams	1/2 cup = 131 grams	454 grams (g) = 1 pound (lb.)
				1/4 cup = 65 grams	1 cup = 262 grams	

