## **Osmocote®**

Osmocote Pro

SKU# E901326

- 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.

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

GUARANTEED ANALYSIS	<u> 19-5-9</u>
TOTAL NITROGEN (N)*	19.00%
6.87% Ammoniacal Nitrogen	
5.87% Nitrate Nitrogen	
6.26% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*	5.00%
SOLUBLE POTASH (K <sub>2</sub> O)*	9.00%
MAGNESIUM (Mg)	
0.54% Water Soluble Magnesium	
SULFUR (S)	7.50%
IRON (Fe)	0.70%
0.001% Water Soluble Iron	
MANGANESE (Mn)	0.26%
0.173% Water Soluble Manganese	
ZINC (Zn)	0.08%
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 16.1% coated slow-release nitrogen (N), 4.25% coated slow-release available phosphate (P2O5) and 7.65% coated slow-release soluble potash (K<sub>2</sub>0).

## 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	5	7	9
2 qt.	400	11	15	19
Trade 1 gal.	300	14	20	26
1 gal.	210	21	28	37
Trade 2 gal.	125	35	47	62
2 gal.	102	42	58	76
3 gal.	70	62	84	110
5 gal.	52	83	114	148
7 gal.	35	123	169	221

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 gal 17 in. diameter	1.4	149	204	267
15 gal 17.5 in.	1.5	160	219	286
20 gal 21 in.	2.3	245	335	438
25 gal 22.5 in.	2.8	298	408	534
30 gal 26.5 in. diameter	3.8	405	554	724
45 gal 30 in. diameter	4.8	511	699	915
65 gal 30 in. diameter	4.8	511	699	915
100 gal 36 in. diameter	7.1	756	1035	1353
200 gal 48.5 in. diameter	12.8	1363	1865	2439
24 in. box	4.0	426	583	762
30 in. box	6.25	666	911	1191
36 in. box	9.0	958	1312	1715
48 in. box	16.0	1704	2332	3049
Other Larger Containers – mu surface area in sq. f		106	146	191

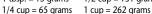
<sup>\*\*</sup> Actual container fill rates may vary depending on container brand, specific growing media and fill method.

INCORPORATION RATES				
	Low	Medium	High	
Lb. per cubic yard	9.5	13.0	17.0	
Kg. per cubic meter	5.6	7.7	10.1	
Grams per liter	5.6	7.7	10.1	
LANDSCAPE	RATES*	**		
Lb. per 1000 sq. ft.	10.5	21.0	31.5	
Kg. per 100 sq. m.	5.1	10.3	15.4	
Lb. of N per 1000 sq. ft.	2.0	4.0	6.0	

<sup>\*\*\*</sup> 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)** 

> #3 = 17 grams #5 = 47 grams1/3 cup = 87 grams #1 = 9 grams#7 = 93 grams 1 tsp. = 5 grams1/2 cup = 131 grams #6 = 69 grams#2 = 13 grams#4 = 36 grams 1 tbsp. = 15 grams





28 grams (g) = 1 ounce (oz.)

454 grams (g) = 1 pound (lb.)