

Osmocote® Pro

fusion Technology



SKU# E99400

Osmocote® Pro Fusion Technology™ has been specially developed for surface applications in container nursery stock. When applied as directed, the unique Fusion Technology works to bind the prills to the growing media. Should containers get knocked over, more of the fertilizer stays in place, minimizing the need for reapplication. This reduces labor and additional fertilizer costs. Efficient and effective, Fusion Technology is proven to help maximize the nursery grower's fertilizer investment.

5-6

Micro
Nutrients
✓

2nd
Generation
Coated Fertilizer

Does not
fall off pots

Fusion
Technology

19-6-9

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 Nursery Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard**	Low	Medium	High
Trade 1 gal.	300	6	12	16
1 gal.	210	9	17	23
Trade 2 gal.	125	15	29	38
2 gal.	102	18	36	47
3 gal.	70	26	52	68
5 gal.	52	35	70	92
7 gal.	35	52	104	136

LONGEVITY at the following average media temperature			
60° F (15° C)	70° F (21° C)	80° F (26° C)	90° F (32° C)
6 to 7 months	5 to 6 months	4 to 5 months	3 to 4 months

GUARANTEED ANALYSIS 19-6-9

TOTAL NITROGEN (N)*	19.00%
5.60% Ammoniacal Nitrogen	
4.40% Nitrate Nitrogen	
9.00% Urea Nitrogen	
AVAILABLE PHOSPHATE (P ₂ O ₅)*	6.00%
SOLUBLE POTASH (K ₂ O)*	9.00%
MAGNESIUM (Mg)*	0.60%
0.24% Water Soluble Magnesium	
SULFUR (S)*	7.00%
3.00% Combined Sulfur	
4.00% Free Sulfur	
COPPER (Cu)*	0.10%
0.10% Water Soluble Copper	
IRON (Fe)*	1.00%
1.00% Water Soluble Iron	
0.03% Chelated Iron	
MANGANESE (Mn)*	0.14%
0.14% Water Soluble Manganese	
MOLYBDENUM (Mo)*	0.007%
ZINC (Zn)*	0.05%
0.05% Water Soluble Zinc	

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

* The nitrogen, phosphorus and potassium sources have been coated to provide 14.3% coated slow-release nitrogen (N), 5% coated slow-release phosphorus (P₂O₅), 7.5% coated slow-release potash (K₂O). A portion of the sulfur, copper, iron, manganese, molybdenum and zinc sources have been coated to provide 2.5% coated slow-release sulfur (S), 0.05% coated slow-release copper (Cu), 0.12% coated slow-release iron (Fe), 0.015% coated slow-release manganese (Mn), 0.004% coated slow-release molybdenum (Mo), and 0.004% coated slow-release zinc (Zn).

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 gal. - 17 in. diameter	1.4	63	126	165
15 gal. - 17.5 in.	1.5	67	135	177
20 gal. - 21 in.	2.3	103	206	271
25 gal. - 22.5 in.	2.8	126	251	330
30 gal. - 26.5 in. diameter	3.8	170	341	447
45 gal. - 30 in. diameter	4.8	215	430	565
65 gal. - 30 in. diameter	4.8	215	430	565
100 gal. - 36 in. diameter	7.1	318	637	836
200 gal. - 48.5 in. diameter	12.8	574	1148	1507
24 in. box	4.0	179	359	471
30 in. box	6.25	280	560	736
36 in. box	9.0	404	807	1059
48 in. box	16.0	717	1435	1883
Other Larger Containers—multiply the actual container surface area in sq. ft. by these rates:		45	90	118

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

For Professional Use Only

This product is designed for direct application to the growing media surface of well rooted container grown ornamentals. The following suggested application rates are intended for container nursery stock growing conditions. This product is not recommended for use in covered production areas, propagation, newly planted liners, broadcast application or soil incorporation. 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.

APPROXIMATE VOLUME MEASURES

..... Everris Yellow Spoons (level)			
#1 = 8 grams	#3 = 16 grams	#5 = 44 grams	#7 = 87 grams
#2 = 12 grams	#4 = 34 grams	#6 = 65 grams	
..... Conventional Measures (level)			
1 tsp. = 5 grams	1/3 cup = 76 grams	28 grams (g) = 1 ounce (oz.)	
1 tbsp. = 14 grams	1/2 cup = 114 grams	454 grams (g) = 1 pound (lb.)	
1/4 cup = 57 grams	1 cup = 227 grams		

