



SKU# 90170*



- 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 slow-release nitrogen for crops desiring higher upfront N levels. Also works very well in cooler growing conditions, such as early spring production.

* Available in Canada SKU # 90170C

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 20-4-8

TOTAL NITROGEN (N)**	20.00%
6.75% Ammoniacal Nitrogen	
6.01% Nitrate Nitrogen	
3.89% Urea Nitrogen	
3.35% Water Insoluble Nitrogen***	
AVAILABLE PHOSPHATE (P ₂ O ₅)**	4.00%
SOLUBLE POTASH (K ₂ O)**	8.00%
MAGNESIUM (Mg)	1.20%
0.60% Water Soluble Magnesium	
SULFUR (S)	6.20%
4.18% Combined Sulfur	
2.02% Free Sulfur	
COPPER (Cu)	0.05%
0.001% Water Soluble Copper	
IRON (Fe)	0.80%
0.001% Water Soluble Iron	
MANGANESE (Mn)	0.30%
0.19% Water Soluble Manganese	
ZINC (Zn)	0.10%
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, manganese oxide and isobutylene diurea.

** Contains 17.2% slow release nitrogen from coated slowly available and water insoluble nitrogen sources, 3.4% coated slow-release available phosphate (P₂O₅) and 6.8% coated slow-release soluble potash (K₂O).

*** WIN (Water Insoluble Nitrogen) is stated on an unground basis. Powdered or ground samples will analyze 2.1% WIN.

For Professional Use Only

This product is not recommended for use in covered production areas or in propagation. Scotts 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**Scotts Yellow Spoons (level)**

#1 = 8 grams	#3 = 16 grams	#5 = 45 grams	#7 = 90 grams
#2 = 12 grams	#4 = 34 grams	#6 = 68 grams	

Conventional Measures (level)

1 tsp. = 5 grams	1/3 cup = 80 grams	28 grams (g) = 1 ounce (oz.)
1 tbsp. = 15 grams	1/2 cup = 120 grams	454 grams (g) = 1 pound (lb.)
1/4 cup = 60 grams	1 cup = 240 grams	

PRODUCT ANALYSIS AND RATES**20-4-8****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	3	5	7
2 qt.	400	7	11	15
Trade 1 gal.	300	10	15	20
1 gal.	210	14	22	29
Trade 2 gal.	125	24	36	49
2 gal.	102	29	45	60
3 gal.	70	42	65	88
5 gal.	52	57	87	118
7 gal.	35	84	130	175

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 gal. - 17 in. diameter	1.4	102	157	212
15 gal. - 17.5 in.	1.5	109	168	227
20 gal. - 21 in.	2.3	168	258	348
25 gal. - 22.5 in.	2.8	204	314	424
30 gal. - 26.5 in. diameter	3.8	277	426	575
45 gal. - 30 in. diameter	4.8	350	538	726
65 gal. - 30 in. diameter	4.8	350	538	726
100 gal. - 36 in. diameter	7.1	517	796	1074
200 gal. - 48.5 in. diameter	12.8	933	1435	1937
24 in. box	4.0	291	448	605
30 in. box	6.25	455	701	946
36 in. box	9.0	656	1009	1362
48 in. box	16.0	1166	1794	2421
Other Larger Containers—multiply the actual container surface area in sq. ft. by these rates:		73	112	151

**** 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	6.5	10.0	13.5
Kg. per cubic meter	3.9	5.9	8.0
Grams per liter	3.9	5.9	8.0

LANDSCAPE RATES*****

Lb. per 1000 sq. ft.	10.0	17.5	25.0
Kg. per 100 sq. m.	4.9	8.5	12.2
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.