

# SCOTT'S<sup>®</sup> NURSERY MIX with Micronutrients



**21-4-8**

SKU# 98610

- For use on nursery stock, foliage and landscapes.
- General purpose formulation of Osmocote<sup>®</sup> 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 (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 21-4-8**

TOTAL NITROGEN (N)*	21.00%
6.60% Ammoniacal Nitrogen	
8.60% Nitrate Nitrogen	
5.80% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*	4.00%
SOLUBLE POTASH (K <sub>2</sub> O)*	8.00%
MAGNESIUM (Mg)	1.10%
0.55% Water Soluble Magnesium	
SULFUR (S)*	8.00%
3.50% Combined Sulfur	
4.50% Free Sulfur	
IRON (Fe)	0.70%
0.0009% Water Soluble Iron	
MANGANESE (Mn)	0.20%
0.13% Water Soluble Manganese	
ZINC (Zn)	0.08%
0.0008% Water Soluble Zinc	

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

\* The nitrogen, phosphorus, potassium and sulfur sources have been coated to provide 17.5% coated slow-release nitrogen (N), 3.4% coated slow-release available phosphate (P<sub>2</sub>O<sub>5</sub>), 6.8% coated slow-release soluble potash (K<sub>2</sub>O) and 2.5% coated slow-release sulfur.

**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.

**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	9	14	20
1 gal.	210	13	21	28
Trade 2 gal.	125	22	35	47
2 gal.	102	27	42	58
3 gal.	70	39	62	84
5 gal.	52	52	83	114
7 gal.	35	78	123	169

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 gal. - 17 in. diameter	1.4	94	149	204
15 gal. - 17.5 in.	1.5	101	160	219
20 gal. - 21 in.	2.3	155	245	335
25 gal. - 22.5 in.	2.8	188	298	408
30 gal. - 26.5 in. diameter	3.8	256	405	554
45 gal. - 30 in. diameter	4.8	323	511	699
65 gal. - 30 in. diameter	4.8	323	511	699
100 gal. - 36 in. diameter	7.1	478	756	1035
200 gal. - 48.5 in. diameter	12.8	861	1363	1865
24 in. box	4.0	269	426	583
30 in. box	6.25	420	666	911
36 in. box	9.0	605	958	1312
48 in. box	16.0	1076	1704	2332
Other Larger Containers—multiply the actual container surface area in sq. ft. by these rates:		67	106	146

\*\* 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	6.0	9.5	13.0
Kg. per cubic meter	3.6	5.6	7.7
Grams per liter	3.6	5.6	7.7

LANDSCAPE RATES***			
	Low	Medium	High
Lb. per 1000 sq. ft.	9.5	16.5	24.0
Kg. per 100 sq. m.	4.6	8.1	11.7
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**

**Scotts Yellow Spoons (level)**

**Conventional Measures (level)**

#1 = 9 grams	#3 = 16 grams	#5 = 45 grams	#7 = 89 grams	1 tsp. = 5 grams	1/3 cup = 83 grams	28 grams (g) = 1 ounce (oz.)
#2 = 13 grams	#4 = 34 grams	#6 = 66 grams		1 tbsp. = 14 grams	1/2 cup = 125 grams	454 grams (g) = 1 pound (lb.)
				1/4 cup = 62 grams	1 cup = 249 grams	