

# SCOTTS® with Magnesium

SKU# 90998



## 18-0-11

### 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

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 18-0-11

TOTAL NITROGEN (N)*	18.00%
18.0% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )	0.00%
SOLUBLE POTASH (K <sub>2</sub> O)*	11.00%
MAGNESIUM (Mg)	7.20%
1.49% Water Soluble Magnesium	
SULFUR (S)	11.00%
6.20% Combined Sulfur	
4.80% Free Sulfur	

**Derived from:** Polymer-coated, sulfur-coated urea; polymer-coated urea; potassium sulfate, magnesium sulfate and magnesium oxide.

\* The nitrogen and potassium sources have been coated to provide 15% coated slow-release nitrogen (N) and 9% coated slow-release soluble potash (K<sub>2</sub>O).

#### For Professional Use Only

This product is not intended for use in covered production areas or 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.

SURFACE APPLICATION RATES PER CONTAINER (GRAMS)**				
Common Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard***	Low	Medium	High
1 qt.	850	2	5	6
2 qt.	400	5	10	14
Trade 1 gal.	300	7	13	18
1 gal.	210	10	18	26
Trade 2 gal.	125	16	31	44
2 gal.	102	20	38	53
3 gal.	70	29	55	78
5 gal.	52	39	74	105
7 gal.	35	58	110	156

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 gal. - 17 in. diameter	1.4	71	133	188
15 gal. - 17.5 in.	1.5	76	143	202
20 gal. - 21 in.	2.3	116	219	309
25 gal. - 22.5 in.	2.8	141	267	377
30 gal. - 26.5 in. diameter	3.8	192	362	511
45 gal. - 30 in. diameter	4.8	242	457	646
65 gal. - 30 in. diameter	4.8	242	457	646
100 gal. - 36 in. diameter	7.1	358	677	955
200 gal. - 48.5 in. diameter	12.8	646	1220	1722
24 in. box	4.0	202	381	538
30 in. box	6.25	315	596	841
36 in. box	9.0	454	858	1211
48 in. box	16.0	807	1525	2152
Other Larger Containers—multiply the actual container surface area in sq. ft. by these rates:		50	95	135

\*\* Visit [www.scottspro.com](http://www.scottspro.com) for a more comprehensive container list.

\*\*\* 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	4.5	8.5	12.0
Kg. per cubic meter	2.7	5.0	7.1
Grams per liter	2.7	5.0	7.1
LANDSCAPE RATES****			
Lb. per 1000 sq. ft.	11.0	16.5	22.0
Kg. per 100 sq. m.	5.4	8.1	10.7
Lb. of N per 1000 sq. ft.	2.0	3.0	4.0

\*\*\*\* 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)

#1 = 10 grams    #3 = 19 grams    #5 = 53 grams    #7 = 105 grams  
#2 = 15 grams    #4 = 41 grams    #6 = 78 grams

#### Conventional Measures (level)

1 tsp. = 6 grams    1/3 cup = 99 grams    28 grams (g) = 1 ounce (oz.)  
1 tbsp. = 17 grams    1/2 cup = 148 grams    454 grams (g) = 1 pound (lb.)  
1/4 cup = 74 grams    1 cup = 296 grams