



# Osmocote®

## Controlled Release Fertilizers

### GENERAL DESCRIPTION

Osmocote is composed of granules of dry plant nutrients which have been encapsulated within multiple layers of polymeric resin. Water vapor penetrates the permeable shell and dissolves the nutrient core. The resulting osmotic pressure within the granule meters the liquid nutrients through the coating and into the surrounding soil/media.

Actual product longevity will depend on cultural practices such as irrigation frequency and quantity (leaching fraction), environmental factors such as temperature and rainfall and the rate of product application.

Refer to the label for complete use information.

- One application will provide your plants with a steady, continuous metering of Nitrogen, Phosphorus and Potassium nutrients from every prill.
- Osmocote Controlled Release Fertilizers are engineered to help you deliver bigger, greener, more salable and profitable plants, sooner.

#### 14-14-14 Stock #90003

Average Media Temperature	60°F	70°F	80°F	90°F
Longevity (months)	4-5 mo.	3-4 mo.	2-3 mo.	1-2 mo.

Total nitrogen (N) ..... 14%  
 8.2% ammoniacal nitrogen  
 5.8% nitrate nitrogen

- Excellent for feeding bedding plants and other greenhouse crops.
- The 1:1:1 ratio is ideal for flowering crops.

#### 18-6-12 Stock #90008

Average Media Temperature	60°F	70°F	80°F	90°F
Longevity (months)	9-10 mo.	8-9 mo.	6-7 mo.	5-6 mo.

Total nitrogen (N) ..... 18%  
 9.7% ammoniacal nitrogen  
 8.3% nitrate nitrogen

- The "horticulture industry standard" in controlled release nutrition.
- The 3:1:2 ratio is ideal for greenhouse and container nursery stock.
- Ideal for propagation and fall feeding.

#### 19-6-12 Stock #90014

Average Media Temperature	60°F	70°F	80°F	90°F
Longevity (months)	4-5 mo.	3-4 mo.	2-3 mo.	1-2 mo.

Total nitrogen (N) ..... 19%  
 10% ammoniacal nitrogen  
 9% nitrate nitrogen

- The 3:1:2 ratio is perfect for short-term foliage plants.
- Does not contain urea which can injure greenhouse crops.

#### 17-7-12 Stock #90010

Average Media Temperature	60°F	70°F	80°F	90°F
Longevity (months)	14-16 mo.	12-14 mo.	8-9 mo.	7-8 mo.

Total nitrogen (N) ..... 17%  
 9.1% ammoniacal nitrogen  
 7.9% nitrate nitrogen

- Ideal formula for season-long feeding in warmer climates.
- The 3:1:2 ratio is ideal for greenhouse and container nursery stock.

#### 13-13-13 Stock #90016

Average Media Temperature	60°F	70°F	80°F	90°F
Longevity (months)	9-10 mo.	8-9 mo.	6-7 mo.	5-6 mo.

Total nitrogen (N) ..... 13%  
 7.6% ammoniacal nitrogen  
 5.4% nitrate nitrogen

- Longer-term product is ideal for perennials and slower growing flowering crops.
- Excellent for hanging baskets.

Distributed by:



The Scotts Company  
 14111 Scottslawn Road  
 Marysville, OH 43041  
 1-800-492-8255

# SUGGESTED APPLICATION RATES

APPLICATION RATES	OSMOCOTE 14-14-14			OSMOCOTE 19-6-12			OSMOCOTE 13-13-13			OSMOCOTE 18-6-12			OSMOCOTE 17-7-12		
	low	med	high	low	med	high	low	med	high	low	med	high	low	med	high
<b>INCORPORATING</b>															
Per cubic foot (ounces)	1.8	3.6	7.1	1.0	3.0	5.0	4.1	6.5	8.9	3.6	5.3	7.1	5.0	7.0	9.0
Per cubic yard (pounds)	3.0	6.0	12.0	2.0	5.0	9.0	7.0	11.0	15.0	6.0	9.0	12.0	8.0	12.0	16.0
Per cubic meter (kilograms)	1.8	3.6	7.1	1.0	3.0	5.0	4.2	6.5	8.9	3.6	5.3	7.1	5.0	7.0	9.0
Per 100 square feet (to 6 inch depth) *	6.0	11.0	22.0	4.0	9.0	17.0	13.0	20.0	28.0	11.0	17.0	22.0	16.0	24.0	32.0
Per square meter (to 15 cm depth) *	0.3	0.5	1.1	0.2	0.5	0.9	0.6	1.0	1.3	0.5	0.8	1.1	0.8	1.2	1.6
Landscape Rates ** (pounds per 100 sq. ft.)	1.0	1.5	2.0												
<b>TOP DRESSING</b> (established plants)															
5" std. round pot (800/cu. yd.)	2	3	7	1	3	5	4	6	9	3	5	7	5	7	9
6" std. round pot (450/cu.yd.)	3	6	12	2	5	9	7	11	15	6	9	12	8	12	16
1 gallon container (300/cu. yd.)	5	9	18	3	8	14	11	17	23	9	14	18	12	18	24
2 gallon container (140/cu. yd.)	10	19	39	6	16	29	23	36	49	19	29	39	26	39	52
3 gallon container (80/cu. yd.)	17	34	68	11	28	51	40	62	85	34	51	68	45	68	91
5 gallon container (50/cu. yd.)	27	54	109	18	45	82	64	100	136	54	82	109	73	109	145
7 gallon container (35/cu.yd.)	39	78	156	26	65	117	91	143	195	78	117	156	104	156	208

SCOTT'S YELLOW SPOONS “(level fill, grams)”	OSMOCOTE 14-14-14			OSMOCOTE 19-6-12			OSMOCOTE 13-13-13			OSMOCOTE 18-6-12			OSMOCOTE 17-7-12		
	low	med	high	low	med	high	low	med	high	low	med	high	low	med	high
# 1	9			9			9			9			9		
# 2	13			14			13			14			14		
# 3	17			18			17			18			18		
# 4	37			37			37			37			37		
# 5	49			42			49			45			42		
# 6	74			70			74			70			70		
# 7	99			95			99			95			95		
<b>CONVENTIONAL MEASURE</b> “(level fill, grams)”															
1 teaspoon	6			6			5			6			6		
1 tablespoon	18			18			15			18			18		
1/4 cup	62			72			61			62			72		
1/3 cup	83			96			82			83			96		
1/2 cup	125			144			122			125			144		
1 cup	250			288			244			250			288		

\* Rates for greenhouse and nursery growing beds, or incorporating mixes on a slab.  
 \*\* Use low rate on heavy or clay soils, high rate on light or sandy soils. Repeat every 3-4 months.

Refer to label for complete use directions.

LOW Rates for sensitive plants and when using constant liquid feed  
 MED Rates for nursery stock  
 HIGH Rates for heavy feeding crops

Use a reputable laboratory such as the Scotts Testing Laboratory for more reliable media, solution and tissue test results to monitor your crop and insure your growing success.

For more information, contact your Scotts Representative or call us toll free 800/492-8255 to learn more about this and other Scotts horticulture products.

