

# Osmocote® Blend

## 19-5-8



SKU - A901316  
Packaging - 50 lb

Osmocote® Blend 19-5-8 8-9 month contains resin-coated N-P-K, Poly-S® coated Urea and STEP® Hi-Mag micronutrients. Poly-S® is a Polymer-coated, Sulfur-Coated Urea (PSCU) is exclusive to ICL Specialty Fertilizers. It carries significantly more coating than the average PSCU on the market. Poly-S® releases Nitrogen through fissures in the Sulfur coating and diffusion through the polymer coat.

### Target Crops/ Special Uses

Osmocote® Blend 19-5-8 8-9 month used in outside container nurseries as a multi-purpose fertilizer. It is used on a wide variety of plants that are grown in bark mixes. Nursery stock and foliage plants do well with this blend. It is also used in landscapes beds and in large outdoor containers.



### PRODUCT ADVANTAGES

- For general purpose outdoor production of nursery stock, foliage and in landscapes
- Contains resin-coated N-P-K blended with micronutrients and Poly-S® to deliver nutrition consistently within specified longevities
- Can be incorporated or surface applied

Where needs take us





Longevity at the following Average Media Temperature (F)			
60°F (15°C)	70°F (21°C)	80°F (26°C)	90°F (32°C)
9 - 10 MONTHS	<b>8 - 9 MONTHS</b>	6 - 7 MONTHS	5 - 6 MONTHS

## GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	19%
6.6% Ammoniacal Nitrogen	
5.7% Nitrate Nitrogen	
6.7% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )*	5%
Soluble Potash (K <sub>2</sub> O)*	8%
Calcium (Ca)*	1.6%
Magnesium (Mg)	1.5%
0.7% Water Soluble Magnesium (Mg)	
Sulfur (S)*	8.1%
4.4% Combined Sulfur (S)	
3.7% Free Sulfur (S)	
Copper (Cu)	0.06%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	1.0%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn)	0.39%
0.26% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.13%
0.001% Water Soluble Zinc (Zn)	

**Derived from:** Polymer-Coated, Sulfur-Coated Urea; Polymer-Coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate; Magnesium Sulfate, Magnesium Oxide, Copper Sulfate, Copper Oxide, Ferrous Sulfate, Iron Oxide, Manganese Sulfate, Manganese Oxide, Zinc Sulfate, Zinc Oxide

\* The Nitrogen, Phosphate, Potash, Calcium, and Sulfur sources have been coated to provide 18% coated slow-release Nitrogen (N), 5% coated slow-release available Phosphate (P<sub>2</sub>O<sub>5</sub>), 11% coated slow-release soluble Potash (K<sub>2</sub>O), 1.44% coated slow-release Calcium (Ca), 3.24% coated slow-release Sulfur (S).

## APPLICATION RATES

The application rates listed are intended as a guideline in developing a fertilization program. These rates may or may not apply to your area or growing conditions. It is the responsibility of the grower to determine the appropriate rate. Your rate may be higher or lower than suggested based on your growing conditions. Follow label instructions and use care when handling all fertilizer products.

## FOR PROFESSIONAL USE ONLY

ICL Specialty Fertilizers recommends a product trial prior to adopting a new fertilizer program. Product selection and application rate should be based on individual grower practice. The following are general recommendations only.

## SUGGESTED APPLICATION RATES:

### CONTAINER NURSERY STOCK SUGGESTED APPLICATION AND RATES

Product selection and application rates 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

## GREENHOUSE & NURSERY TOPDRESS RATES PER CONTAINER (GRAMS)\*\*

### SURFACE APPLICATION RATES PER CONTAINER (GRAMS)

Common Container Sizes (Volume)	Approx. No. of Containers per Cubic Yard***	Low	Medium	High
1 qt.	850	4	6	7
2 qt.	400	8	12	16
Trade 1 gal.	300	11	16	21
1 gal.	210	15	23	30
Trade 2 gal.	125	25	38	51
2 gal.	102	31	47	62
3 gal.	70	45	68	91
5 gal.	52	61	92	122
7 gal.	35	91	136	182

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	110	165	220
15 Gallon - 17.5"	1.5	118	177	235
20 Gallon - 21"	2.3	180	271	361
25 Gallon - 22.5"	2.8	220	330	439
30 Gallon - 26.5" diam.	3.8	298	447	596
45 Gallon - 30" diam.	4.8	377	565	753
65 Gallon - 30" diam.	4.8	377	565	753
100 Gallon - 36" diam.	7.1	557	836	1114
200 Gallon - 48.5" diam	12.8	1004	1507	2009
24 inch box	4.0	314	471	628
30 inch box	6.25	490	736	981
36 inch box	9.0	06	1059	1412
48 inch box	16.0	1256	1883	2511
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		78	118	157

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

## SUGGESTED GREENHOUSE & NURSERY APPLICATION RATES

INCORPORATION RATES	LOW	MEDIUM	HIGH
Lb. per cubic yard	7.0	10.5	14.0
Kg. per cubic meter	4.2	6.2	8.3
Grams per liter	4.2	6.2	8.3

### APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN

ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	8	13	17	36	47	69	93
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	15	65	87	131	262	

28 grams = 1 oz. / 454 grams = 1 lb.      28 gramos = 1 oz. / 454 gramos = 1 lb.