

Osmocote® Blend

19-5-9



SKU - A901326
Packaging - 50 lb

Osmocote® Blend 19-5-9 12-14 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 19-5-9 12-14 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 long-term blend. The Poly-S® in this formulation releases a bit stronger push of Nitrogen in the earlier stages of the release period and the resin-coated continues the feed long-lasting the 12-14 month range. Proper rate application is important with this long lasting blend. It is also used in landscape beds and in large outdoor containers as a once a year feed.



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)
14 - 16 MONTHS	12 - 14 MONTHS	8 - 9 MONTHS	7 - 8 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	19%
6.9% Ammoniacal Nitrogen	
5.9% Nitrate Nitrogen	
6.2% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)*	5%
Soluble Potash (K ₂ O)*	9%
Calcium (Ca)*	1.9%
Magnesium (Mg)	1.2%
0.55% Water Soluble Magnesium (Mg)	
Sulfur (S)*	7.9%
4.43% Combined Sulfur (S)	
3.47% Free Sulfur (S)	
Copper (Cu)	0.05%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	0.8%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn)	0.3%
0.2% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.1%
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 18.06% coated slow-release Nitrogen (N), 5% coated slow-release available Phosphate (P₂O₅), 9% coated slow-release soluble Potash (K₂O), 1.75% coated slow-release Calcium (Ca), 3.52% 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
191 qt.	850	5	7	9
2 qt.	400	11	15	19
Trade 1 gal.	300	14	20	26
1 gal.	210	21	28	37
Trade 2 gal.	125	35	47	62
2 gal.	102	42	58	76
3 gal.	70	62	84	110
5 gal.	52	83	114	148
7 gal.	35	123	169	221

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	149	204	267
15 Gallon - 17.5"	1.5	160	219	286
20 Gallon - 21"	2.3	245	335	438
25 Gallon - 22.5"	2.8	298	408	534
30 Gallon - 26.5" diam.	3.8	405	554	724
45 Gallon - 30" diam.	4.8	511	699	915
65 Gallon - 30" diam.	4.8	511	699	915
100 Gallon - 36" diam.	7.1	756	1035	1353
200 Gallon - 48.5" diam	12.8	1363	1865	2439
24 inch box	4.0	426	583	762
30 inch box	6.25	666	911	1191
36 inch box	9.0	958	1312	1715
48 inch box	16.0	1704	2332	3049
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		106	146	191

*** 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	9.5	13.0	17.0
Kg. per cubic meter	5.6	7.7	10.1
Grams per liter	5.6	7.7	10.0

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	9	13	17	36	47	69	93
Conventional Measures (level)	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 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.