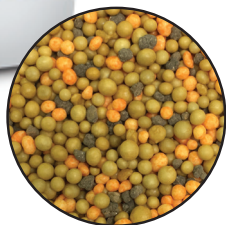


Osmocote® Blend

21-4-8



SKU - A98610
Packaging - 50 lb



Osmocote® Blend 21-4-8 8-9 month contains resin-coated N-P-K, Poly-S® coated Nitrogen, and STEP® Hi-Mag micronutrients and is our top selling blend. Poly-S® is a polymer-coated, Sulfur-Coated Urea (SCU) and is exclusive to ICL Specialty Fertilizers. It carries significantly more coating than the average SCU 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 21-4-8 8-9 month is popular with outside mum and foliage growers as an inexpensive base product in the media or as a topdress. Poly-S® boosts the Nitrogen release in the early part of the release period and the resin-coated N-P-K provides a nice even finish to the plants. The STEP® Hi-Mag portion of the blend requires watering in before or at the time of planting to move the minor nutrients into the media.



PRODUCT ADVANTAGES

- For general purpose outdoor production of nursery stock, foliage and in landscapes.
- Contains Osmocote® resin-coated N-P-K blended with Poly-S®, STEP® Hi-Mag micronutrients 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)
19 - 10 MONTHS	8 - 9 MONTHS	6 - 7 MONTHS	5 - 6 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	21%
6.6% Ammoniacal Nitrogen	
5.8% Nitrate Nitrogen	
8.6% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)*	4%
Soluble Potash (K ₂ O)*	8%
Magnesium (Mg)	1.1%
0.55% Water Soluble Magnesium (Mg)	
Sulfur (S)*	8.0%
3.5% Combined Sulfur (S)	
4.5% Free Sulfur (S)	
Iron (Fe)	0.7%
0.0009% Water Soluble Iron (Fe)	
Manganese (Mn)	0.2%
0.13% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.08%
0.0009% Water Soluble Zinc (Zn)	

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, Manganese Oxide

* The Nitrogen, Phosphate, Potash and a portion of the combined Sulfur sources have been coated to provide 19.7% coated slow-release Nitrogen (N), 4% coated slow-release available Phosphate (P₂O₅), 8% coated slow-release soluble Potash (K₂O), 2.7% 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

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	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 Gallon - 17" diam.	1.4	94	149	204
15 Gallon - 17.5"	1.5	101	160	219
20 Gallon - 21"	2.3	155	245	335
25 Gallon - 22.5"	2.8	188	298	408
30 Gallon - 26.5" diam.	3.8	256	405	554
45 Gallon - 30" diam.	4.8	323	511	699
65 Gallon - 30" diam.	4.8	323	511	699
100 Gallon - 36" diam.	7.1	478	756	1035
200 Gallon - 48.5" diam	12.8	861	1363	1865
24 inch box	4.0	269	426	583
30 inch box	6.25	420	666	911
36 inch box	9.0	605	958	1312
48 inch 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.

SUGGESTED NURSERY & LANDSCAPE APPLICATION RATES

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 cubic yard	9.5	16.5	24.0
Kg. per cubic meter	4.6	8.1	11.7
Grams per liter	2.0	3.5	5.0

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	9	13	16	34	45	66	89
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	14	62	83	125	249	

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