

Osmocote® Blend

21-3-7



SKU - A90264
Packaging - 50 lb

Osmocote® Blend 21-3-7, 5-6 month topdress is a heterogeneous blend of polymer coated Urea, uncoated Phosphate and Potash and micronutrients. A majority of the Nitrogen is coated and will provide a sustained level of Nitrogen for many months. The other nutrients in the fertilizer are soluble and quickly available after product is applied and watered in.

Target Crops/ Special Uses

Osmocote® Blend 21-3-7 is designed for use on nursery stock, foliage and landscapes.

- This product is primarily intended to be surface applied to established plants to provide a quick green up to chlorotic plants or feed for a moderate period of time.
- Growers often apply to plants that have overwintered but need a little boost for spring sales.
- Another application is to provide a quick burst of late summer fertilization that will run out before plants go dormant as weather cools.
- Could be used as a nutrient charge for wood or bark-based growing media at a very low rate.
- This product is not recommended for use in covered production areas or in propagation.



PRODUCT ADVANTAGES

- This product contains coated Urea Nitrogen featuring E-Max coating technology that will provide sustained feeding of Nitrogen for several months.
- Soluble Nitrogen, Phosphorus and Potassium provide quick greening after application
- High Magnesium level helps build chlorophyll needed for green foliage
- Contains plenty of STEP® Hi-Mag to provide a balance of micronutrients to maximize plant growth

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)
6 - 7 MONTHS	5 - 6 MONTHS	4 - 5 MONTHS	3 - 4 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)	21%
0.6% Ammoniacal Nitrogen	
20.4% Urea Nitrogen*	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	7%
Magnesium (Mg)	5.0%
4.2% Water Soluble Magnesium (Mg)	
Sulfur (S)	8.4%
8.4% Combined Sulfur (S)	
Copper (Cu)	0.05%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	0.93%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn)	0.35%
0.23% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.11%
0.001% Water Soluble Zinc (Zn)	

Derived From: Polymer-Coated Urea; Ammonium Phosphate, Potassium Magnesium Sulfate, Magnesium Sulfate, Magnesium Oxide, Copper Sulfate, Copper Oxide, Ferrous Sulfate, Iron Oxide, Manganese Sulfate, Manganese Oxide, Zinc Sulfate, Zinc Oxide.

* A portion of the Nitrogen has been coated to provide 20.35% coated slow-release Urea Nitrogen (N).

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
1 qt.	850	3	4	5
2 qt.	400	6	9	11
Trade 1 gal.	300	8	11	14
1 gal.	210	11	16	21
Trade 2 gal.	125	18	27	35
2 gal.	102	22	33	42
3 gal.	70	32	49	62
5 gal.	52	44	65	83
7 gal.	35	65	97	123
Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	78	118	149
15 Gallon - 17.5"	1.5	84	126	160
20 Gallon - 21"	2.3	129	193	245
25 Gallon - 22.5"	2.8	157	235	298
30 Gallon - 26.5" diam.	3.8	213	319	405
45 Gallon - 30" diam.	4.8	269	404	511
65 Gallon - 30" diam.	4.8	269	404	511
100 Gallon - 36" diam.	7.1	398	597	756
200 Gallon - 48.5" diam	12.8	717	1076	1363
24 inch box	4.0	224	336	426
30 inch box	6.25	350	525	666
36 inch box	9.0	504	757	958
48 inch box	16.0	897	1345	1704
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		56	84	106

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

SUGGESTED LANDSCAPE APPLICATION RATES

LANDSCAPE RATES	LOW	MEDIUM	HIGH
Lb. per 1000 sq. ft.	9.5	14.5	19
Kg. per 100 sq. m.	4.6	7.1	9.3
Lb. of N per 1000 sq. ft.	2.0	3.0	4.0

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN

	#1	#2	#3	#4	#5	#6	#7
ICL Yellow Spoons (level)							
Approximate Weight (in grams)	8	12	16	33	43	63	84
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	4	13	53	71	106	213	

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



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