

Osmocote® Blend

12-6-8



SKU - A90280
Packaging - 50 lb

Osmocote® Blend 12-6-8 2-3 month topdress is a heterogeneous blend of Polymer-Coated Urea, uncoated Phosphorus and Potassium and micronutrients. Only a portion of the Nitrogen is coated; a majority of the product is soluble and quickly available after it is applied and watered in.

Target Crops/ Special Uses

Osmocote® Blend 12-6-8 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 short 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.
- It 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.
- Elevated Magnesium and Iron helps build chlorophyll needed for green foliage.
- Contains STEP® Hi-Mag to provide a balance of micronutrients to maximize plant growth

Where needs take us

AICL Specialty
Fertilizers



Longevity at the following Average Media Temperature (F)			
60°F (15°C)	70°F (21°C)	80°F (26°C)	90°F (32°C)
3 - 4 MONTHS	2 - 3 MONTHS	1 - 2 MONTHS	0.5 - 1.5 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)	12%
1.0% Ammoniacal Nitrogen	
11.0% Urea Nitrogen*	
Available Phosphate (P ₂ O ₅)	6%
Soluble Potash (K ₂ O)	8%
Magnesium (Mg)	1.3%
0.6% Water Soluble Magnesium (Mg)	
Sulfur (S)	4.6%
4.6% Combined Sulfur (S)	
Copper (Cu)	0.05%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	2.38%
0.3% Water Soluble Iron (Fe)	
Manganese (Mn)	0.33%
0.2% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.11%
0.001% Water Soluble Zinc (Zn)	

Derived From: Polymer-Coated Urea; Urea, Ammonium Phosphate, Potassium 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 sources have been coated to provide 6.3% coated slow-release 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
Trade 1 gal.	300	5	8	12
1 gal.	210	8	12	17
Trade 2 gal.	125	13	20	29
2 gal.	102	16	24	36
3 gal.	70	23	36	52
5 gal.	52	31	48	70
7 gal.	35	45	71	104
Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	55	86	126
15 Gallon - 17.5"	1.5	59	92	135
20 Gallon - 21"	2.3	90	142	206
25 Gallon - 22.5"	2.8	110	173	251
30 Gallon - 26.5" diam.	3.8	149	234	341
45 Gallon - 30" diam.	4.8	188	296	430
65 Gallon - 30" diam.	4.8	188	296	430
100 Gallon - 36" diam.	7.1	279	438	637
200 Gallon - 48.5" diam	12.8	502	789	1148
24 inch box	4.0	157	247	359
30 inch box	6.25	245	385	560
36 inch box	9.0	353	555	807
48 inch box	16.0	628	986	1435
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		39	62	90

*** 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.	8.5	17	25
Kg. per 100 sq. m.	4.1	8.3	12.2
Lb. of N per 1000 sq. ft.	1.0	2.0	3.0

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN

ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
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.