

Osmocote® Blend

27-4-8

5-6



SKU - A90259
Packaging - 50 lb

Osmocote® Blend 27-4-8 5-6 month features our E-Max-Coated Urea Technology combined of resin-coated nutrient cores. The high Nitrogen content makes this product an economical, versatile, all-around product in the outdoor nursery fields and landscape beds.

E-Max coating is a new coating technology owned by ICL Specialty Fertilizers. This coating allows for efficient and effective coating of urea and other nutrients with a strong, thin barrier for a consistent, controlled release of the coated nutrient.

Target Crops/ Special Uses

Osmocote® Blend 27-4-8 5-6 month is great on a wide variety of plants, but especially in fast, growing perennials, grasses and foliage. The addition of the E-Max-Coated urea allows for an enhanced release of Nitrogen earlier in the growth cycle to support the quickly growing plants and get them growing vigorously. As time goes by, the resin-coated N-P-K backbone takes over and gently feeds the plants until the end of the season. Because the Nitrogen has been augmented in this formulation, the cost in use is relatively low. Predictable performance makes producing a good batch of plants a breeze. This product is most commonly recommended for use in soils or in combination with Micromax® micronutrient blend.



PRODUCT ADVANTAGES

- For general purpose production of nursery stock, foliage and in landscapes
- Contains resin-coated N-P-K as its nutrient backbone
- This product contains coated urea Nitrogen featuring E-Max coating technology
- Contains STEP® Hi-Mag to provide a balance of micronutrients to maximize plant growth
- Can be incorporated or surface applied for use as a topdress in container grown plants and in landscape beds

Where needs take us

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

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	27%
6.5% Ammoniacal Nitrogen	
6.0% Nitrate Nitrogen	
14.5% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)*	4%
Soluble Potash (K ₂ O)*	8%
Calcium (Ca)	1.2%
Sulfur (S)*	3.0%
3.0% Combined Sulfur (S)	

Derived From: Polymer-Coated Urea, Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate

* The Nitrogen, Phosphate, Potash, Calcium, and Sulfur sources have been coated to provide 27% coated slow-release Nitrogen (N), 4% coated slow-release available Phosphate (P₂O₅), 8% coated slow-release soluble Potash (K₂O), 1.02% coated slow-release Calcium (Ca), and 3.00% 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	2	3	5
2 qt.	400	3	6	10
Trade 1 gal.	300	5	8	13
1 gal.	210	6	12	18
Trade 2 gal.	125	11	20	31
2 gal.	102	13	24	38
3 gal.	70	19	36	55
5 gal.	52	26	48	74
7 gal.	35	39	71	110

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	47	86	133
15 Gallon - 17.5"	1.5	50	92	143
20 Gallon - 21"	2.3	77	142	219
25 Gallon - 22.5"	2.8	94	173	267
30 Gallon - 26.5" diam.	3.8	128	234	362
45 Gallon - 30" diam.	4.8	161	296	457
65 Gallon - 30" diam.	4.8	161	296	457
100 Gallon - 36" diam.	7.1	239	438	677
200 Gallon - 48.5" diam	12.8	430	789	1220
24 inch box	4.0	135	247	381
30 inch box	6.25	210	385	596
36 inch box	9.0	303	555	858
48 inch box	16.0	538	986	1525
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		34	62	95

*** 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	3.0	5.5	8.5
Kg. per cubic meter	1.8	3.3	5.0
Grams per liter	1.8	3.3	5.0
LANDSCAPE RATES	LOW	MEDIUM	HIGH
Lb. per 1000 sq. ft.	7.5	13	15
Kg. per 100 sq. m.	3.7	6.3	7.3
Lb. of N per 1000 sq. ft.	2.0	3.5	4.1

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	8	12	15	32	42	61	82
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	½ c.	1 c.	
Approximate Weight (in grams)	4	13	52	69	104	208	

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