

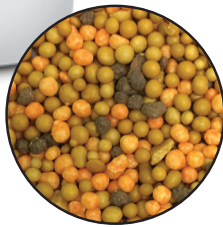
Osmocote® Blend

24-4-9

12-14



SKU - A90370
Packaging - 50 lb



Osmocote® Blend 24-4-9 12-14 month is listed in two ways. If it is evaluated at the average media temperature of 70°F, we list it as a 14-16 month release. At 80°F average media temperature consider it as a 12-14 month product. It contains resin-coated N-P-K, resin-coated Potassium, Poly-S® coated Urea and STEP® Hi-Mag micronutrients.

Target Crops/ Special Uses

Osmocote® Blend 24-4-9 12-14 month is used in outside container nurseries, foliage plants, and landscapes as a multi-purpose fertilizer. It is commonly used on a wide variety of plants that are grown in bark mixes in the warmer regions. Nursery stock and foliage plants both 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 N-P-K and additional resin-coated Potassium fertilizers continue the feed out to the 14-16 month range at 70°F. It is also used on landscape bed soils and in large outdoor containers for a season long feed (12-14 months in warm climates).



PRODUCT ADVANTAGES

- For general purpose outdoor production of nursery stock, foliage and in landscapes.
- Contains resin-coated N-P-K and resin-coated Potash are blended with micronutrients and Poly-S® to deliver nutrition consistently within specified longevities.
- Can be incorporated or surface applied

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)
16 - 18 MONTHS	14 - 16 MONTHS	12 - 14 MONTHS	8 - 9 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	24%
6.36% Ammoniacal Nitrogen	
5.66% Nitrate Nitrogen	
11.98% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)*	4%
Soluble Potash (K ₂ O)*	9%
Calcium (Ca)	1.14%
Sulfur (S)*	9.0%
3.0% Combined Sulfur (S)	
6.0% Free Sulfur (S)	

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

* The Nitrogen, Phosphate, Potash, and Sulfur sources have been coated to provide 21.95% coated slow-release Nitrogen (N), 4% coated slow-release available Phosphate (P₂O₅), 9% coated slow-release soluble Potash (K₂O), and 3.10% 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	6	7	9
2 qt.	400	12	16	19
Trade 1 gal.	300	17	21	25
1 gal.	210	24	30	36
Trade 2 gal.	125	40	51	60
2 gal.	102	49	62	73
3 gal.	70	71	91	107
5 gal.	52	96	122	144
7 gal.	35	143	182	214

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	173	220	259
15 Gallon - 17.5"	1.5	185	235	277
20 Gallon - 21"	2.3	284	361	425
25 Gallon - 22.5"	2.8	345	439	518
30 Gallon - 26.5" diam.	3.8	469	596	703
45 Gallon - 30" diam.	4.8	592	753	888
65 Gallon - 30" diam.	4.8	592	753	888
100 Gallon - 36" diam.	7.1	875	1114	1313
200 Gallon - 48.5" diam	12.8	1578	2009	2368
24 inch box	4.0	493	628	740
30 inch box	6.25	771	981	1156
36 inch box	9.0	1110	1412	1665
48 inch box	16.0	1973	2511	2959
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		123	157	185

*** 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	11.0	14.0	16.5
Kg. per cubic meter	6.5	8.3	9.8
Grams per liter	6.5	8.3	9.8

LANDSCAPE RATES	LOW	MEDIUM	HIGH
Lb. per 1,000 sq. ft.	8.5	16.5	25.0
Kg. per 100 sq. m.	4.1	8.1	12.2
Lbs. of N per 1,000 sq. ft.	2.0	4.0	6.0

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	8	11	16	33	45	66	90
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	16	62	83	125	250	

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