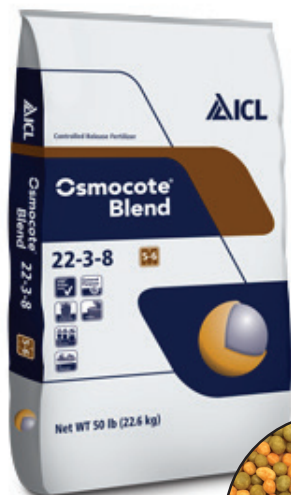
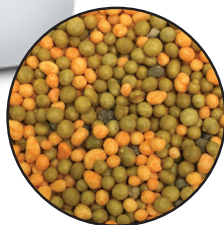


Osmocote® Blend

22-3-8



SKU - A90152
Packaging - 50 lb



Osmocote® Blend 22-3-8 5-6 month contains a blend of resin-coated N-P-K, Poly-S® coated Nitrogen, Poly-S® coated Urea and STEP® Hi-Mag micronutrients. Poly-S® is a polymer-coated, Sulfur-Coated Urea that 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. The coating is gradually broken down by soil microbes for a complete release. By blending this with our resin-coated N-P-K fertilizer, we can provide a higher release early in the release period and a strong finish at the end of the 5 to 6 months.

Target Crops/ Special Uses

Osmocote® Blend 22-3-8 5-6 month is a popular general purpose product as an inexpensive base fertilizer mixed into the media or topdressed onto nursery containers. Fast-growing perennials, grasses and foliage plants respond very well to this formulation. It also make a versatile topdress for overwintered plants once they have been uncovered or lined out in the nursery. Another popular use is on container-grown conifers.



PRODUCT ADVANTAGES

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

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)*	22%
6.4% Ammoniacal Nitrogen	
5.7% Nitrate Nitrogen	
9.9% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	8%
Magnesium (Mg)	1.1%
0.53% Water Soluble Magnesium (Mg)	
Sulfur (S)	9.2%
3.8% Combined Sulfur (S)	
5.4% Free Sulfur (S)	
Iron (Fe)	0.77%
0.001% Free Sulfur (S)	
Manganese (Mn)	0.29%
0.19% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.09%
0.001% Water Soluble Zinc (Zn)	

Derived from: Polymer-Coated, Sulfur-Coated Urea; Polymer-Coated; Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate; Ferrous Sulfate, Iron Oxide, Magnesium Sulfate, Magnesium Oxide, Zinc Sulfate, Zinc Oxide, Manganese Sulfate, Manganese Oxide

* The Nitrogen, Phosphate, Potash and Sulfur sources have been coated to provide 20% coated slow-release Nitrogen (N), 3% coated slow-release Phosphate (P₂O₅), 8% coated slow-release Potash (K₂O) and 2.9% 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 & LANDSCAPE 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	4	5
2 qt.	400	5	8	11
Trade 1 gal.	300	6	11	15
1 gal.	210	9	15	22
Trade 2 gal.	125	15	25	36
2 gal.	102	18	31	45
3 gal.	70	26	45	65
5 gal.	52	35	61	87
7 gal.	35	52	91	130

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	63	110	157
15 Gallon - 17.5"	1.5	67	118	168
20 Gallon - 21"	2.3	103	180	258
25 Gallon - 22.5"	2.8	126	220	314
30 Gallon - 26.5" diam.	3.8	170	298	426
45 Gallon - 30" diam.	4.8	215	377	538
65 Gallon - 30" diam.	4.8	215	377	538
100 Gallon - 36" diam.	7.1	318	557	796
200 Gallon - 48.5" diam	12.8	574	1004	1435
24 inch box	4.0	179	314	448
30 inch box	6.25	280	490	701
36 inch box	9.0	404	706	1009
48 inch box	16.0	717	1256	1794
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		45	78	112

*** 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	4	7	10
Kg. per cubic meter	2.4	4.2	5.9
Grams per liter	2.4	4.2	5.9

LANDSCAPE RATES	LOW	MEDIUM	HIGH
Lb. per 1000 sq. ft.	9.0	13.5	18.0
Kg. per cubic meter	2.4	4.2	5.9
Lb. of N per 1000 sq. ft.	2.4	4.2	5.9

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	44	65	90
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	15	68	76	114	228	

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