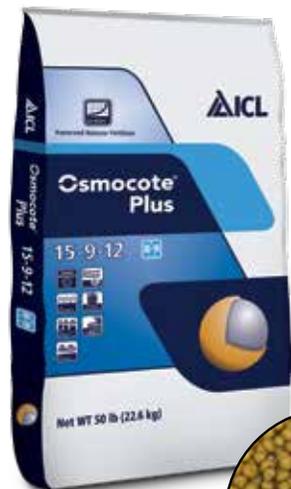


Osmocote® Plus

15-9-12



SKU - A903246
Packaging - 50 lb

Osmocote® Plus 15-9-12 8-9 month Lo-Start® contains homogenous 100% resin-coated fertilizer cores with the major nutrients - Nitrogen, Phosphorous and Potash PLUS the secondary nutrients Magnesium and Sulfur, as well as the minor nutrients Boron, Copper, Iron, Manganese, Molybdenum and Zinc. Our unique coating, made from plant resins, releases nutrients at a lower rate earlier in the release period and more later in the 8-9 month period.

Target Crops/ Special Uses

Osmocote® Plus 15-9-12 8-9 month Lo-Start® Pattern Release is commonly used in propagation and when planting up perennials and nursery stock late in the season to be overwintered. The low initial release helps maintain salt levels at low levels during storage and rooting.

Because Osmocote® Plus fertilizer cores contain Ammoniacal and Nitrate Nitrogen with a top quality resin-coating, we can confidently recommend this product in production greenhouses and nurseries.



PRODUCT ADVANTAGES

- For use in greenhouse, nursery and foliage production, container gardens, interiorscapes and landscapes
- Recommended for use when growing a wide variety of crops or in combination with water soluble fertilizer for a steady source of nutrition throughout the season
- Osmocote® Plus contains N-P-K plus micronutrients in each prill. ICL Speciality Fertilizers Patterned Nutrient Release Technology™ meets specific feeding cycles with unmatched consistency, efficiency and safety.
- Lo-Start® releases more fertilizer earlier in the release period for plants that start quickly.

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)
9 – 10 MONTHS	8 – 9 MONTHS	6 – 7 MONTHS	5 – 6 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	15%
8.0% Ammoniacal Nitrogen	
7.0% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)*	9%
Soluble Potash (K ₂ O)*	12%
Magnesium (Mg)*	1.3%
0.8% Water Soluble Magnesium (Mg)	
Sulfur (S)*	5.9%
5.9% Combined Sulfur (S)	
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Water Soluble Copper (Cu)	
Iron (Fe)*	0.46%
0.08% Water Soluble Iron (Fe)	
0.005% Chelated Iron (Fe)	
Manganese (Mn)*	0.06%
0.05% Water Soluble Manganese (Mn)	
Molybdenum (Mo)*	0.02%
Zinc (Zn)	0.05%
0.017% Water Soluble Zinc (Zn)	

Derived from: Polymer-Coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Magnesium Sulfate, Sodium Borate, Iron Phosphate, Iron EDTA, Manganese Sulfate, Sodium Molybdate, Zinc Sulfate; Copper Sulfate, Zinc Oxide

* The Nitrogen, Phosphate, Potash, Magnesium, Sulfur, Boron, Iron, Manganese, Molybdenum, and a portion of the Zinc sources have been coated to provide 14.77% coated slow-release Nitrogen (N), 8.86% coated slow-release available Phosphate (P₂O₅), 11.81% coated slow-release soluble Potash (K₂O), 1.27% coated slow-release Magnesium (Mg), 5.82% coated slow-release Sulfur (S), 0.45% coated slow-release Iron (Fe), 0.059% coated slow-release Manganese (Mn), and 0.019% coated slow-release Molybdenum (Mo).

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.

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	9	14	18	38	49	75	100
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	15	63	86	126	252	

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

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
For greenhouse applications ICL recommends using low to medium rates. Contact your local Territory Manager for more information.		

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
6 inch Azalea/ HB (1.5 qt)	539	7	11	15
6 inch Standard (1.75 qt)	462	8	13	18
6.5 inch Azalea (1.8 qt)	449	9	13	18
8 inch Azalea/ HB (3 qt)	269	14	22	30
8 inch Mum Pan (1 gal)	260	15	23	31
9 inch Mum Pan (1.25 gal)	166	23	36	49
10 inch Hanging Basket (1.5 gal)	150	26	39	54
12 inch Color Bowl (2 gal)	112	34	53	73
12 inch Hanging Basket (2.25 gal)	100	39	59	82
1 Quart	850	5	7	10
2 quart	400	10	15	20
Trade 1 Gallon	300	13	20	27
1 Gallon	210	18	28	39
Trade 2 Gallon	125	31	47	65
2 Gallon	102	38	58	80
3 Gallon	70	55	84	117
5 Gallon	52	74	114	157
7 Gallon	35	110	169	233

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	133	204	282
15 Gallon - 17.5"	1.5	143	219	303
20 Gallon - 21"	2.3	219	335	464
25 Gallon - 22.5"	2.8	267	408	565
30 Gallon - 26.5" diam.	3.8	362	554	767
45 Gallon - 30" diam.	4.8	457	699	969
65 Gallon - 30" diam.	4.8	457	699	969
100 Gallon - 36" diam.	7.1	677	1035	1433
200 Gallon - 48.5" diam	12.8	1220	1865	2583
24 inch box	4.0	381	583	807
30 inch box	6.25	596	911	1261
36 inch box	9.0	858	1312	1816
48 inch box	16.0	1525	2332	3228
Other Larger Containers – multiply the actual container surface area in sq. ft. by these rates:		95	146	202

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

INCORPORATION RATES	LOW	MEDIUM	HIGH
Lb. per cubic yard	8.5	13.0	18.0
Kg. per cubic meter	5.0	7.7	10.7
Grams per liter	5.0	7.7	10.7

LANDSCAPE RATES****	LOW	MEDIUM	HIGH
Lb. per 1000 sq. ft.	13.0	23.0	33.0
Kg. per 100 sq. m.	6.3	11.2	16.1
Lb. of N per 1000 sq. ft.	2.0	3.5	5.0

**** Use low rate on heavy or clay soils, high rate on light or sandy soils depending on soil test.

