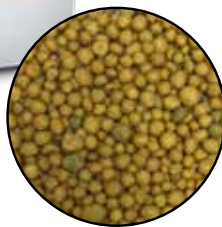
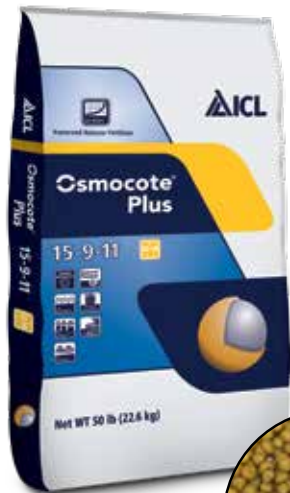


# Osmocote® Plus

## 15-9-11



SKU - A98460  
Packaging - 50 lb

Osmocote® Plus 15-9-11 12-14 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 formulation releases nutrients at a lower rate early in the release period and more later in the stated 12-14 month period.

### Target Crops/ Special Uses

Osmocote® Plus 15-9-11 12-14 month Lo-Start® Pattern Release is 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.

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)
14 - 16 MONTHS	<b>12 - 14 MONTHS</b>	8 - 9 MONTHS	17 - 8 MONTHS

**GUARANTEED ANALYSIS**

**F1877**

Total Nitrogen (N)*	15%
8.4% Ammoniacal Nitrogen	
6.6% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )*	9%
Soluble Potash (K <sub>2</sub> O)*	11%
Magnesium (Mg)*	1.3%
0.88% 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)*	0.45%
0.09% Water Soluble Iron (Fe)	
0.06% Chelated Iron (Fe)	
Manganese (Mn)*	0.06%
0.06% Water Soluble Manganese (Mn)	
Molybdenum (Mo)*	0.02%
Zinc (Zn)	0.05%
0.019% 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 15% coated slow-release Nitrogen (N), 9% coated slow-release available Phosphate (P<sub>2</sub>O<sub>5</sub>), 11% coated slow-release soluble Potash (K<sub>2</sub>O), 1.3% coated slow-release Magnesium (Mg), 5.9% coated slow-release Sulfur (S), 0.02% coated slow-release Boron (B), 0.45% coated slow-release Iron (Fe), 0.06% coated slow-release Manganese (Mn), 0.023% coated slow-release Molybdenum (Mo), and 0.016% coated slow-release Zinc (Zn).

**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	10	14	18
6 inch Standard (1.75 qt)	462	12	16	21
6.5 inch Azalea (1.8 qt)	449	12	17	22
8 inch Azalea/ HB (3 qt)	269	20	28	36
8 inch Mum Pan (1 gal)	260	21	29	38
9 inch Mum Pan (1.25 gal)	166	33	45	59
10 inch Hanging Basket (1.5 gal)	150	36	50	65
12 inch Color Bowl (2 gal)	112	49	67	87
12 inch Hanging Basket (2.25 gal)	100	54	75	98
1 Quart	850	6	9	11
2 quart	400	14	19	24
Trade 1 Gallon	300	18	25	33
1 Gallon	210	26	36	46
Trade 2 Gallon	125	44	60	78
2 Gallon	102	53	73	96
3 Gallon	70	78	107	139
5 Gallon	52	105	144	188
7 Gallon	35	156	214	279
Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	188	259	337
15 Gallon - 17.5"	1.5	202	277	362
20 Gallon - 21"	2.3	309	425	554
25 Gallon - 22.5"	2.8	377	518	675
30 Gallon - 26.5" diam.	3.8	511	703	916
45 Gallon - 30" diam.	4.8	646	888	1157
65 Gallon - 30" diam.	4.8	646	888	1157
100 Gallon - 36" diam.	7.1	955	1313	1711
200 Gallon - 48.5" diam	12.8	1722	2368	3085
24 inch box	4.0	538	740	964
30 inch box	6.25	841	1156	1506
36 inch box	9.0	1211	1665	2169
48 inch box	16.0	2152	2959	3856
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		135	185	241

\*\*\* 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	12.0	16.5	21.5
Kg. per cubic meter	7.1	9.8	12.7
Grams per liter	7.1	9.8	12.7

LANDSCAPE RATES****	LOW	MEDIUM	HIGH
Lb. per 1000 sq. ft.	13.5	26.5	40.0
Kg. per 100 sq. m.	6.6	12.9	19.5
Lb. of N per 1000 sq. ft.	2.0	4.0	6.0

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

