

Osmocote® Plus

15-9-12



SKU - A90583
Packaging - 50 lb

Osmocote® Plus 15-9-12 8-9 month Hi-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 blend of coating thicknesses made from plant resins, releases nutrients at a higher rate early in the release period and less at the end pattern over the 8-9 month period.

Target Crops/ Special Uses

Osmocote® Plus 15-9-12 8-9 month Hi-Start® Pattern Release works great on perennials, fast growing nursery plants, annual landscape containers and beds for long-term feeding when the growing media averages 70°F. Adding a controlled release fertilizer in large containers, nursery cans and indoor or outdoor plantings at the time of planting, saves time and labor though out the growing season. Because Osmocote® Plus 15-9-12 8-9 month is a complete fertilizer solution, it will continue to feed the plants after they are sold or planted in the landscape, improving your customers overall success and satisfaction.

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



PRODUCT ADVANTAGES

- Hi-Start® releases more fertilizer earlier in the release period for plants that start quickly.
- 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)
9 – 10 MONTHS	8 – 9 MONTHS	6 – 7 MONTHS	5 – 6 MONTHS

GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	15%
8.4% Ammoniacal Nitrogen	
6.6% 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)*	5.5%
5.5% Combined Sulfur (S)	
Boron (B)*	0.02%
Copper (Cu)	0.06%
0.06% Water Soluble Copper (Cu)	
Iron (Fe)*	0.46%
0.09% Water Soluble Iron (Fe)	
0.006% Chelated Iron (Fe)	
Manganese (Mn)*	0.06%
0.02% Water Soluble Manganese (Mn)	
Molybdenum (Mo)*	0.02%
Zinc (Zn)*	0.05%
0.01% 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 (P₂O₅), 12% coated slow-release soluble Potash (K₂O), 1.3% coated slow-release Magnesium (Mg), 5.5% coated slow-release Sulfur (S), 0.02% coated slow-release Boron (B), 0.46% coated slow-release Iron (Fe), 0.06% coated slow-release Manganese (Mn), 0.02% 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.

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-SF recommends using low to medium rates.

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	14
6 inch Standard (1.75 qt)	462	8	12	17
6.5 inch Azalea (1.8 qt)	449	8	13	17
8 inch Azalea/ HB (3 qt)	269	14	21	29
8 inch Mum Pan (1 gal)	260	14	22	30
9 inch Mum Pan (1.25 gal)	166	22	34	46
10 inch Hanging Basket (1.5 gal)	150	24	38	51
12 inch Color Bowl (2 gal)	112	32	51	69
12 inch Hanging Basket (2.25 gal)	100	36	57	77
1 Quart	850	4	7	9
2 quart	400	9	14	19
Trade 1 Gallon	300	12	19	26
1 Gallon	210	17	27	37
Trade 2 Gallon	125	29	45	62
2 Gallon	102	36	56	76
3 Gallon	70	52	81	110
5 Gallon	52	70	109	148
7 Gallon	35	104	162	221

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	126	196	267
15 Gallon - 17.5"	1.5	135	210	286
20 Gallon - 21"	2.3	206	322	438
25 Gallon - 22.5"	2.8	251	392	534
30 Gallon - 26.5" diam.	3.8	341	532	724
45 Gallon - 30" diam.	4.8	430	673	915
65 Gallon - 30" diam.	4.8	430	673	915
100 Gallon - 36" diam.	7.1	637	995	1353
200 Gallon - 48.5" diam	12.8	1148	1794	2439
24 inch box	4.0	359	560	762
30 inch box	6.25	560	876	1191
36 inch box	9.0	807	1261	1715
48 inch box	16.0	1435	2242	3049
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		90	140	191

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

SUGGESTED GREENHOUSE & NURSERY APPLICATION RATES

INCORPORATION RATES	LOW	MEDIUM	HIGH
Lb. per cubic yard	8.0	12.5	17.0
Kg. per cubic meter	4.7	7.4	10.1
Grams per liter	4.7	7.4	10.1

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	10	14	19	39	51	75	101
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	16	71	94	141	283	

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

