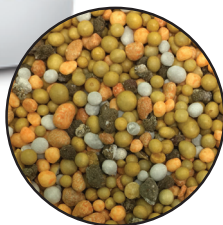


# Osmocote® Blend

## 18-3-12



SKU - A90202  
Packaging - 50 lb



Osmocote® Blend 18-3-12 8-9 month with Quickstart is formulated with some of our uncoated N-P-K nutrient cores to give the plants a starter charge or offset the Nitrogen draw of green bark. It contains resin-coated N-P-K, Poly-S® coated Nitrogen, Poly-S® coated Potash and STEP® Hi-Mag micronutrients.

### Target Crops/ Special Uses

Osmocote® Blend 18-3-12 8-9 month with Quickstart is popular with outside mum growers as an inexpensive base fertilizer in the media. It also provides a nice starter charge in non-charged or slightly green growing media. The Quickstart and STEP® Hi-Mag portions of the blend do require watering in before or at the time of planting to move them into the media.

Poly-S® is a polymer-coated, Sulfur-Coated Urea and potash are exclusive to ICL Specialty Fertilizers. They carry significantly more coating than the average Sulfur-Coated Urea on the market. Poly-S® releases Nitrogen through fissures in the Sulfur-coating and diffusion through the polymer-coating. The coating is gradually broken down by soil microbes for a complete release.



### PRODUCT ADVANTAGES

- For general purpose outdoor production of nursery stock, foliage and in landscapes.
- Contains Osmocote® resin-coated N-P-K blended with micronutrients and other fertilizer technologies, to deliver nutrition consistently within specified longevities.
- This product features uncoated, Quickstart nutrients for an immediately available starter charge which is especially useful for green-up applications or to offset the Nitrogen draw of green bark.
- 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)
9 - 10 MONTHS	8 - 9 MONTHS	6 - 7 MONTHS	5 - 6 MONTHS

## GUARANTEED ANALYSIS

**F1877**

Total Nitrogen (N)*	18%
6.0% Ammoniacal Nitrogen	
5.70% Nitrate Nitrogen	
7.0% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	3%
Soluble Potash (K <sub>2</sub> O)	12%
Magnesium (Mg)	1.4%
0.6% Water Soluble Magnesium (Mg)	
Sulfur (S)	10.2%
5.3% Combined Sulfur (S)	
4.9% Free Sulfur (S)	
Copper (Cu)	0.06%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	0.96%
0.001% Free Sulfur (S)	
Manganese (Mn)	0.36%
0.24% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.12%
0.001% Water Soluble Zinc (Zn)	

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

\* The Nitrogen, Phosphate, Potash, and a portion of the combined Sulfur sources have been coated to provide 15.3% coated slow-release Nitrogen (N), 2.5% coated slow-release available Phosphate (P<sub>2</sub>O<sub>5</sub>), 10.2% coated slow-release soluble Potash (K<sub>2</sub>O), 2.3% 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

## 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
1 qt.	850	4	6	8
2 qt.	400	8	13	17
Trade 1 gal.	300	11	17	23
1 gal.	210	16	24	32
Trade 2 gal.	125	26	40	54
2 gal.	102	32	49	67
3 gal.	70	47	72	97
5 gal.	52	63	97	131
7 gal.	35	93	144	195

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	113	174	235
15 Gallon - 17.5"	1.5	121	187	252
20 Gallon - 21"	2.3	186	286	387
25 Gallon - 22.5"	2.8	226	348	471
30 Gallon - 26.5" diam.	3.8	307	473	639
45 Gallon - 30" diam.	4.8	387	597	807
65 Gallon - 30" diam.	4.8	387	597	807
100 Gallon - 36" diam.	7.1	573	883	1194
200 Gallon - 48.5" diam	12.8	1033	1593	2152
24 inch box	4.0	323	498	673
30 inch box	6.25	504	778	1051
36 inch box	9.0	726	1120	1513
48 inch box	16.0	1291	1991	2690
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		81	124	168

\*\*\* 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	7.2	11.1	15
Kg. per cubic meter	4.3	6.6	8.9
Grams per liter	4.3	6.6	8.9

LANDSCAPE RATES	LOW	MEDIUM	HIGH
Lb. per 1000 sq. ft.	11.1	19.4	27.8
Kg. per cubic meter	5.4	9.5	13.6
Lb. of N per 1000 sq. ft.	2.0	3.5	5.0

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	9	13	17	35	45	67	90
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	14	57	75	113	226	

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