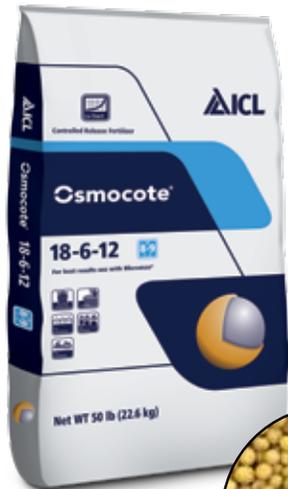


## 18-6-12



SKU - A90555  
Packaging - 50 lb



Osmocote® contains 100% plant resin coated N-P-K nutrient cores creating the best controlled release fertilizer available. The proven, consistent release of all three major nutrients provides an ideal dependable solution for growing top quality plants.

This formulation of 19-6-12 is special because it is a Lo-Start formulation.

### Target Crops/ Special Uses

Osmocote® homogenous N-P-K Lo-Start formulations are designed to give you a small starter charge when first activated and then to release very little until later in the listed longevity. Lo-Start products are commonly used when planting perennials in August through September that will be overwintered, mixing into media that, while dry, may sit in storage for a while, or when propagating woody plants.

Osmocote® homogenous N-P-K is commonly used in media mixes combined with Micromax® to provide a complete growing solution for use in bedding plant, pot plant and container nursery stock production. Osmocote® is also commonly used in soil containing flower and landscape beds. Osmocote®'s homogenous N-P-K prills allow for the most even distribution of nutrients throughout the media



### PRODUCT ADVANTAGES

- For use in greenhouse production, nurseries, container gardens, interiorscapes and landscapes.
- Time tested and proven homogenous N-P-K delivers nutrition consistently and reliably over time.
- For optimum results, use in combination with Micromax® Micronutrients.
- Osmocote® is the only controlled release fertilizer using a coating made from natural plant resins.

Where needs take us



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)*	18.00%
10.0% AMMONIACAL NITROGEN"	
8.0% NITRATE NITROGEN"	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*	6.00%
SOLUBLE POTASH (K <sub>2</sub> O)*	12.00%

**DERIVED FROM:** POLYMER-COATED AMMONIUM NITRATE, AMMONIUM PHOSPHATE, POTASSIUM SULFATE AND CALCIUM PHOSPHATE.

\* THE NUTRIENT SOURCES HAVE BEEN COATED TO PROVIDE 15% COATED SLOW-RELEASE NITROGEN (N), 5% COATED SLOW-RELEASE AVAILABLE PHOSPHATE (P<sub>2</sub>O<sub>5</sub>) AND 10% COATED SLOW-RELEASE SOLUBLE POTASH (K<sub>2</sub>O).

**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
• Other Nutrient Sources	• Irrigation Type
	• Type of Growing Media
	• Rainfall Amount
For greenhouse applications we recommend using low to medium rates. Contact your local ICL Specialty Fertilizers 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 in. Aza/HB (1.5 qt.)	539	6	9	13
6 in. Standard (1.75 qt.)	462	7	11	15
6.5 in. Azalea (1.8 qt.)	449	7	11	15
8 in. Aza/HB (3 qt.)	269	12	19	25
8 in. Mum Pan (1 gal.)	260	12	19	26
9 in. Mum Pan (1 gal.)	166	19	30	41
10 in. Mum Pan (1.25 gal.)	150	21	33	45
12 in. Color Bowl (2 gal.)	112	28	45	61
12 in. Hanging Basket (2.25 gal.)	100	32	50	68
1 qt.	850	4	6	8
2 qt.	400	8	12	17
Trade 1 gal.	300	11	17	23
1 gal.	210	15	24	32
Trade 2 gal.	125	25	40	54
2 gal.	102	31	49	67
3 gal.	70	45	71	97
5 gal.	52	61	96	131
7 gal.	35	91	143	195

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	110	173	235
15 Gallon - 17.5"	1.5	118	185	252
20 Gallon - 21"	2.3	180	284	387
25 Gallon - 22.5"	2.8	220	345	471
30 Gallon - 26.5" diam.	3.8	298	469	639
45 Gallon - 30" diam.	4.8	377	592	807
65 Gallon - 30" diam.	4.8	377	592	807
100 Gallon - 36" diam.	7.1	557	875	1194
200 Gallon - 48.5" diam	12.8	1004	1578	2152
24 inch box	4.0	314	493	673
30 inch box	6.25	490	771	1051
36 inch box	9.0	706	1110	1513
48 inch box	16.0	1256	1973	2690
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		78	123	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	7.0	10.5	15.0
Kg. per cubic meter	4.2	6.2	8.9
Grams per liter	4.2	6.2	8.9

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN						
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6
Approximate Weight (in grams)	9	14	18	37	49	72
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	½ c.	1 c.
Approximate Weight (in grams)	5	15	68	91	137	272

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