

# Osmocote® Blend

## 17-5-11



SKU - A90181  
Packaging - 50 lb



This blend is made of 100% resin coated N-P-K with an additional charge of large granular Micromax®. Using this Osmocote® Blend allows growers and media blenders to use their second bin on their mix line for something other than Micromax®. The resin coated, homogenous N-P-K cores mix throughout the root zone for consistent and reliable feeding

### Target Crops/ Special Uses

Osmocote Blend 17-5-11 is recommended for use in greenhouse, nursery, field grown and landscape environments. It is generally blended into the growing media, but it can be topdressed in the pot, subdressed or dibbled. It is recommended that the pot is thoroughly watered before or directly after planting to release the minor nutrients from the Micromax granules and disperse it into the media. This product is widely used as a single source of nutrients in both greenhouses and nursery container grown plants. Its balanced offering of nutrients makes it a great choice for growers that are looking for a more economical option to our top of the line product, Osmocote® Plus. The most common uses are as a base feed incorporated with water soluble fertilizer programs in heavy feeding plants like petunia baskets



### PRODUCT ADVANTAGES

- Safe, reliable formulation recommended for Greenhouse, Nursery and Landscape use.
- Consistent feeding of even the most demanding plants.
- Can be used in conjunction with water soluble programs or as an all in one growing solution
- Contains Homogenous N-P-K resin coated controlled release fertilizer blended with Micromax micronutrients.

Where needs take us

**AICL** 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	<b>8 - 9 MONTHS</b>	6 - 7 MONTHS	5 - 6 MONTHS

## GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	17%
9.00% Ammoniacal Nitrogen	
8.00% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )*	5%
Soluble Potash (K <sub>2</sub> O)*	11%
Calcium (Ca)*	2.2%
Sulfur (S)*	5.7%
5.7% Combined Sulfur (S)	
Copper (Cu)	0.13%
0.13% Water Soluble Copper (Cu)	
Iron (Fe)	2.21%
2.21% Water Soluble Iron (Fe)	
Manganese (Mn)	0.32%
0.32% Water Soluble Manganese (Mn)	
Molybdenum (Mo)	0.006%
Zinc (Zn)	0.13%
0.13% Water Soluble Zinc (Zn)	

**Derived from:** Polymer coated: Ammonium Nitrate, Ammonium Phosphate, Calcium Phosphate, Potassium Sulfate; Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Copper Sulfate, Sodium Molybdate.

\* The Nitrogen, Phosphate, Potash, Calcium, and Sulfur sources have been coated to provide 17% coated slow-release Nitrogen (N), 5% coated slow-release available Phosphate (P<sub>2</sub>O<sub>5</sub>), 11% coated slow-release soluble Potash (K<sub>2</sub>O), 1.33% coated slow-release Calcium (Ca), 4.14% 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	9
2 qt.	400	9	14	18
Trade 1 gal.	300	11	18	24
1 gal.	210	16	26	35
Trade 2 gal.	125	27	44	58
2 gal.	102	33	53	71
3 gal.	70	49	78	104
5 gal.	52	65	105	140
7 gal.	35	97	156	208

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	118	188	251
15 Gallon - 17.5"	1.5	126	202	269
20 Gallon - 21"	2.3	193	309	413
25 Gallon - 22.5"	2.8	235	377	502
30 Gallon - 26.5" diam.	3.8	319	511	682
45 Gallon - 30" diam.	4.8	404	646	861
65 Gallon - 30" diam.	4.8	404	646	861
100 Gallon - 36" diam.	7.1	597	955	1273
200 Gallon - 48.5" diam	12.8	1076	1722	2296
24 inch box	4.0	336	538	717
30 inch box	6.25	525	841	1121
36 inch box	9.0	757	1211	1614
48 inch box	16.0	1345	2152	2870
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		84	135	179

\*\*\* 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	7.5	12.0	16.0
Kg. per cubic meter	4.4	7.1	9.5
Grams per liter	4.4	7.1	9.5

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	36	47	69	94
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	5	15	66	88	132	263	

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