

Osmocote® Blend

12-5-9



SKU - A90164
Packaging - 50 lb



Osmocote® Blend 12-5-9 2-3 month Nitrogen contains a blend of IBDU®, Phosphorous, Sulfate of Potash and STEP® Hi-Mag micronutrients.

Target Crops/ Special Uses

Osmocote® Blend 12-5-9 2-3 month is a great topdress in cooler weather because the IBDU® has the ability to begin feeding the Nitrogen very early in the season. The response after application to this product is not immediate, but it is able to hold color and boost the plant as needed. The most common applications of this topdress are on conifers, perennials and grasses. Because it is quite a complete product it is also commonly used to “fix” plants that are struggling to recover from stress.

This is also a popular product applied to ground covers like vinca, pachysandra and shrubs in the landscape.



PRODUCT ADVANTAGES

- For use on nursery stock, foliage and landscapes
- Contains IBDU® and micronutrients

Where needs take us

AICL Specialty Fertilizers



GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	12%
1.0% Ammoniacal Nitrogen	
1.0% Urea Nitrogen	
10.0% Water Insoluble Nitrogen**	
Available Phosphate (P ₂ O ₅)	5%
Soluble Potash (K ₂ O)	9%
Magnesium (Mg)	1.3%
0.62% Water Soluble Magnesium (Mg)	
Sulfur (S)	1.0%
1.0% Combined Sulfur (S)	
Copper (Cu)	0.05%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	0.9%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn)	0.33%
0.22% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.1%
0.001% Water Soluble Zinc (Zn)	

Derived from: Isobutylene Diurea, Ammonium Phosphate, Potassium Chloride, Magnesium Sulfate, Magnesium Oxide, Copper Sulfate, Copper Oxide, Ferrous Sulfate, Iron Oxide, Manganese Sulfate, Manganese Oxide, Zinc Sulfate, Zinc Oxide.

*Contains 9.69% slow-release Nitrogen (N) from water insoluble Nitrogen sources.

** WIN (Water Insoluble Nitrogen) is stated on an unground basis. Powdered or ground samples will analyze 4% WIN.

Chlorine (Cl) not more than 6.8%

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	

NURSERY TOPDRESS RATES PER CONTAINER (GRAMS)**

SURFACE APPLICATION RATES PER CONTAINER (GRAMS)			
Common Container Sizes (Volume)	Low	Medium	High
1 qt.	3	5	6
2 qt.	6	10	12
Trade 1 gal.	8	13	17
1 gal.	11	18	24
Trade 2 gal.	18	31	40
2 gal.	22	38	49
3 gal.	32	55	71
5 gal.	44	74	96
7 gal.	65	110	143
Larger Containers			
	Low	Medium	High
10 Gallon - 17" diam.	78	133	173
15 Gallon - 17.5"	84	143	185
20 Gallon - 21"	129	219	284
25 Gallon - 22.5"	157	267	345
30 Gallon - 26.5" diam.	213	362	469
45 Gallon - 30" diam.	269	457	592
65 Gallon - 30" diam.	269	457	592
100 Gallon - 36" diam.	398	677	875
200 Gallon - 48.5" diam	717	1220	1578
24 inch box	224	381	493
30 inch box	350	596	771
36 inch box	504	858	1110
48 inch box	897	1525	1973
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:	56	95	123

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

SUGGESTED NURSERY & LANDSCAPE APPLICATION RATES

LANDSCAPE RATES	LOW	MEDIUM	HIGH
Lb. per 1,000 sq. ft.	8	16.5	25
Kg. per 100 sq. meters	3.9	8.1	12.2
Lbs. of N per 1,000 sq. ft.	1.0	2.0	3.0

INDIVIDUAL PLANTS/TREES/SHRUBS

Broadcast the recommended quantity under the drip zone (branch spread) of the plant.

DISTANCE ACROSS DRIP ZONE	AMOUNT OF FERTILIZER
3 feet	47 grams
4 feet	94 grams
5 feet	154 grams
6 feet	213 grams

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	6	8	12	25	32	48	65
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	⅓ c.	½ c.	1 c.	
Approximate Weight (in grams)	4	12	45	60	90	180	

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



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