

Osmocote® Blend

20-5-5



SKU - A90165
Packaging - 50 lb



Osmocote® Blend 20-5-5 3-4 month Nitrogen contains a blend IBDU®, Phosphorous, Sulfate of Potash and STEP® Hi-Mag micronutrients. IBDU® has the ability to begin feeding the Nitrogen very early in the season even when the temperatures are cool.

Target Crops/ Special Uses

Osmocote® Blend 20-5-5 3-4 month is a great topdress in cooler weather. The response after application to this product is not immediate, but it is able to hold color and boost the plant earlier in the season compared with coated fertilizers. The most common applications of this topdress are on conifers, perennials and grasses.

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



PRODUCT ADVANTAGES

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

Where needs take us



GUARANTEED ANALYSIS

F1877

Total Nitrogen (N)*	20%
1.0% Ammoniacal Nitrogen	
2.0% Urea Nitrogen	
17.0% Water Insoluble Nitrogen**	
Available Phosphate (P ₂ O ₅)	5%
Soluble Potash (K ₂ O)	5%
Magnesium (Mg)	2.6%
0.9% Water Soluble Magnesium (Mg)	
Sulfur (S)	3.3%
3.3% Combined Sulfur (S)	
Copper (Cu)	0.09%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	1.44%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn)	0.54%
0.36% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.18%
0.0018% Water Soluble Zinc (Zn)	

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

* Contains 16.579% 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 8.5% WIN.

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)	Approx. No. of Containers per Cubic Yard***	Low	Medium	High
1 qt.	850	2	3	3
2 qt.	400	3	6	7
Trade 1 gal.	300	5	8	10
1 gal.	210	6	11	14
Trade 2 gal.	125	11	18	24
2 gal.	102	13	22	29
3 gal.	70	19	32	42
5 gal.	52	26	44	57
7 gal.	35	39	65	84

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	47	78	102
15 Gallon - 17.5"	1.5	50	84	109
20 Gallon - 21"	2.3	77	129	168
25 Gallon - 22.5"	2.8	94	157	204
30 Gallon - 26.5" diam.	3.8	128	213	277
45 Gallon - 30" diam.	4.8	161	269	350
65 Gallon - 30" diam.	4.8	161	269	350
100 Gallon - 36" diam.	7.1	239	398	517
200 Gallon - 48.5" diam	12.8	430	717	933
24 inch box	4.0	135	224	291
30 inch box	6.25	210	350	455
36 inch box	9.0	303	504	656
48 inch box	16.0	538	897	1166
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		34	56	73

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

SUGGESTED LANDSCAPE APPLICATION RATES

LANDSCAPE RATES	LOW	MEDIUM	HIGH
Lb. per cubic yard	5	10	15
Kg. per cubic meter	2.4	4.9	7.3
Grams per liter	1.0	2.0	3.0

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	7	11	14	30	39	57	77
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	½ c.	1 c.	
Approximate Weight (in grams)	4	12	54	72	108	215	

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