

# Osmocote® Blend

## 22-5-6



SKU - A90174  
Packaging - 50 lb



Osmocote® Blend 22-5-6 4-5 month Nitrogen is a blend of IBDU, Poly-S®, Phosphorous, Sulfate of Potash and STEP® Hi-Mag micronutrients. IBDU® has the ability to begin the Nitrogen feeding very early in the season even when the temperatures are cool. The addition of the long-term Poly-S® extends the Nitrogen feed out another month.

### Target Crops/ Special Uses

Osmocote® Blend 22-5-6 4-5 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 Poly-S® extends the Nitrogen release out to 4 to 5 months. 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, Poly-S® and STEP® Hi-Mag micronutrients.
- Works great in cool weather

Where needs take us



## GUARANTEED ANALYSIS

**F1877**

Total Nitrogen (N)*	22%
1.0% Ammoniacal Nitrogen	
13.0% Urea Nitrogen	
8.0% Water Insoluble Nitrogen**	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	5%
Soluble Potash (K <sub>2</sub> O)	6%
Magnesium (Mg)	1.5%
0.73% Water Soluble Magnesium (Mg)	
Sulfur (S)	8.8%
3.4% Combined Sulfur (S)	
5.4% Free Sulfur (S)	
Copper (Cu)	0.06%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	1.06%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn)	0.39%
0.26% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.13%
0.001% Water Soluble Zinc (Zn)	

**Derived from:** Polymer-Coated, Sulfur-Coated Urea; 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 17.28% slow-release Nitrogen (N) from coated slow-release and water insoluble Nitrogen sources.

\*\* WIN (Water Insoluble Nitrogen) is stated on an unground basis. Powdered or ground samples will analyze 5.3% 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	4	5
2 qt.	400	5	8	10
Trade 1 gal.	300	7	10	14
1 gal.	210	10	15	19
Trade 2 gal.	125	16	25	33
2 gal.	102	20	30	40
3 gal.	70	29	44	58
5 gal.	52	39	59	79
7 gal.	35	58	88	117

Larger Containers	Surface Area in sq. ft.	Low	Medium	High
10 Gallon - 17" diam.	1.4	71	107	141
15 Gallon - 17.5"	1.5	76	114	151
20 Gallon - 21"	2.3	116	175	232
25 Gallon - 22.5"	2.8	141	213	282
30 Gallon - 26.5" diam.	3.8	192	290	383
45 Gallon - 30" diam.	4.8	242	366	484
65 Gallon - 30" diam.	4.8	242	366	484
100 Gallon - 36" diam.	7.1	358	541	716
200 Gallon - 48.5" diam	12.8	646	976	1291
24 inch box	4.0	202	305	404
30 inch box	6.25	315	476	631
36 inch box	9.0	454	686	908
48 inch box	16.0	807	1220	1614
Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates:		50	76	101

\*\*\* 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
Pounds per 1000 sq. ft.	9	13.5	18
Kilograms per 100 sq. ft.	4.4	6.6	8.8
Pounds of N per 1,000 sq. ft.	2.0	3.0	4.0

APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN							
ICL Yellow Spoons (level)	#1	#2	#3	#4	#5	#6	#7
Approximate Weight (in grams)	8	12	15	31	41	60	81
Conventional Measures (level)	1 tsp.	1 tbsp.	¼ c.	½ c.	½ c.	1 c.	
Approximate Weight (in grams)	4	13	57	76	114	228	

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