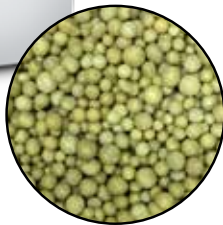


19-6-12



SKU - A90559
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.

Target Crops/ Special Uses

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. More prills releasing the major nutrients in the root zone increases the plants ability to take the nutrients up. Because the plants are continuously taking up the nutrients as they are released, Osmocote® increases nutrient efficiency by reducing leaching and de-nitrification.



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) |
| 16 - 18 MONTHS | 14 - 16 MONTHS | 9 - 10 MONTHS | 8 - 9 MONTHS |

GUARANTEED ANALYSIS F1877

| | |
|-----------------------------------|--------|
| TOTAL NITROGEN (N)* | 19.00% |
| 10.00% AMMONIACAL NITROGEN" | |
| 9.00% NITRATE NITROGEN" | |
| AVAILABLE PHOSPHATE (P O)* | 6.00% |
| SOLUBLE POTASH (K O)* | 12.00% |

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

* THE NUTRIENT SOURCES HAVE BEEN COATED TO PROVIDE 19% COATED SLOW-RELEASE NITROGEN (N), 6% COATED SLOW-RELEASE AVAILABLE PHOSPHATE (P₂O₅) AND 12% COATED SLOW-RELEASE SOLUBLE POTASH (K₂O).

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 | 12 | 15 | 18 | |
| 6 in. Standard (1.75 qt.) | 462 | 14 | 17 | 21 | |
| 6.5 in. Azalea (1.8 qt.) | 449 | 14 | 18 | 21 | |
| 8 in. Aza/HB (3 qt.) | 269 | 24 | 30 | 35 | |
| 8 in. Mum Pan (1 gal.) | 260 | 24 | 31 | 37 | |
| 9 in. Mum Pan (1 gal.) | 166 | 38 | 48 | 57 | |
| 10 in. Mum Pan (1.25 gal.) | 150 | 42 | 53 | 64 | |
| 12 in. Color Bowl (2 gal.) | 112 | 57 | 71 | 85 | |
| 12 in. Hanging Basket (2.25 gal.) | 100 | 64 | 79 | 95 | |
| 1 qt. | 850 | 7 | 9 | 11 | |
| 2 qt. | 400 | 16 | 20 | 24 | |
| Trade 1 gal. | 300 | 21 | 26 | 32 | |
| 1 gal. | 210 | 30 | 38 | 45 | |
| Trade 2 gal. | 125 | 51 | 64 | 76 | |
| 2 gal. | 102 | 62 | 78 | 93 | |
| 3 gal. | 70 | 91 | 114 | 136 | |
| 5 gal. | 52 | 122 | 153 | 183 | |
| 7 gal. | 35 | 182 | 227 | 272 | |

| Larger Containers | Surface Area in sq. ft. | Low | Medium | High |
|-------------------------------------------------------------------------------------------------|-------------------------|------|--------|------|
| 10 Gallon - 17" diam. | 1.4 | 220 | 275 | 330 |
| 15 Gallon - 17.5" | 1.5 | 235 | 294 | 353 |
| 20 Gallon - 21" | 2.3 | 361 | 451 | 541 |
| 25 Gallon - 22.5" | 2.8 | 439 | 549 | 659 |
| 30 Gallon - 26.5" diam. | 3.8 | 596 | 745 | 895 |
| 45 Gallon - 30" diam. | 4.8 | 753 | 942 | 1130 |
| 65 Gallon - 30" diam. | 4.8 | 753 | 942 | 1130 |
| 100 Gallon - 36" diam. | 7.1 | 1114 | 1393 | 1671 |
| 200 Gallon - 48.5" diam | 12.8 | 2009 | 2511 | 3013 |
| 24 inch box | 4.0 | 628 | 785 | 942 |
| 30 inch box | 6.25 | 981 | 1226 | 1471 |
| 36 inch box | 9.0 | 1412 | 1766 | 2119 |
| 48 inch box | 16.0 | 2511 | 3139 | 3767 |
| Other Larger Containers - multiply the actual container surface area in sq. ft. by these rates: | | 157 | 196 | 235 |

*** 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 | 14.0 | 17.5 | 21.0 |
| Kg. per cubic meter | 8.3 | 10.4 | 12.5 |
| Grams per liter | 8.3 | 10.4 | 12.5 |

| 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 | 97 |
| Conventional Measures (level) | 1 tsp. | 1 tbsp. | ¼ c. | ½ c. | ½ c. | 1 c. |
| Approximate Weight (in grams) | 5 | 15 | 68 | 91 | 136 | 272 |

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