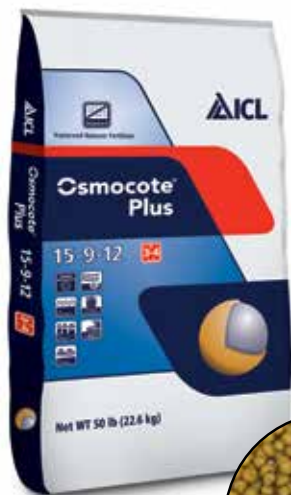


Osmocote® Plus

15-9-12



SKU – A903206
Packaging – 50 lb

Osmocote Plus 15-9-12 3-4M Standard contains homogenous 100% resin coated fertilizer cores that contain the major nutrients - nitrogen, potash, phosphorous plus the secondary nutrients magnesium and sulfur, as well as the minor nutrients boron, copper, iron, manganese, molybdenum and zinc. Our unique coating made from plant resins releases nutrients with an even (standard) pattern over the 3-4 month time period

Target Crops/ Special Uses

Osmocote Plus 15-9-12 3-4 month standard pattern release works great on hanging baskets and potted plants grown in greenhouse production.

Adding a controlled release fertilizer to containers that contain plants that have a higher demand for nutrients, allows the grower to fertilize all the other plants with a standard water soluble program. Because Osmocote Plus 15-9-12 3-4 month is a complete fertilizer solution, it is also a popular with shorter term perennial plant grown in containers, outdoor planters, indoor gardens and landscape annual displays.

Because Osmocote Plus fertilizer cores contain ammoniacal and nitrate nitrogen with a top quality resin coating, we can confidently recommend this product in production greenhouses and nurseries.



PRODUCT ADVANTAGES

- For use in greenhouse, nursery and foliage production, container gardens, interiorscapes and landscapes.
- Recommended for use when growing a wide variety of crops or in combination with water soluble fertilizer for a steady source of nutrition throughout the season.
- Osmocote® Plus contains N-P-K plus micronutrients in each prill. ICL Speciality Fertilizers Patterned Nutrient Release Technology™ meets specific feeding cycles with unmatched consistency, efficiency and safety.

Where needs take us

ICL 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) |
| 4 – 5 MONTHS | 3 – 4 MONTHS | 2 – 3 MONTHS | 1 – 2 MONTHS |

GUARANTEED ANALYSIS

F1877

| | |
|---|-------|
| Total Nitrogen (N)* | 15% |
| 8.0% Ammoniacal Nitrogen | |
| 7.0% Nitrate Nitrogen | |
| Available Phosphate (P ₂ O ₅)* | 9% |
| Soluble Potash (K ₂ O)* | 12% |
| Magnesium (Mg)* | 1.3% |
| 0.8% Water Soluble Magnesium (Mg) | |
| Sulfur (S)* | 5.9% |
| 5.9% Combined Sulfur (S) | |
| Boron (B) | 0.02% |
| Copper (Cu) | 0.05% |
| 0.05% Water Soluble Copper (Cu) | |
| Iron (Fe)* | 0.46% |
| 0.08% Water Soluble Iron (Fe) | |
| 0.005% Chelated Iron (Fe) | |
| Manganese (Mn)* | 0.06% |
| 0.05% Water Soluble Manganese (Mn) | |
| Molybdenum (Mo)* | 0.02% |
| Zinc (Zn) | 0.05% |
| 0.017% Water Soluble Zinc (Zn) | |

Derived from: Polymer-Coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Magnesium Sulfate, Sodium Borate, Iron Phosphate, Iron EDTA, Manganese Sulfate, Sodium Molybdate, Zinc Sulfate; Copper Sulfate, Zinc Oxide

* The nitrogen, phosphate, potash, magnesium, sulfur, boron, iron, manganese, molybdenum, and a portion of the zinc sources have been coated to provide 14.77% coated slow-release nitrogen (N), 8.86% coated slow-release available phosphate (P₂O₅), 11.82% coated slow-release soluble potash (K₂O), 1.27% coated slow-release magnesium (Mg), 5.82% coated slow-release sulfur (S), 0.45% coated slow-release iron (Fe), 0.059% coated slow-release manganese (Mn), and 0.019% coated slow-release molybdenum (Mo).

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.

| APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN | | | | | | | |
|--|--------|---------|------|------|------|------|-----|
| ICL Yellow Spoons (level) | #1 | #2 | #3 | #4 | #5 | #6 | #7 |
| Approximate Weight (in grams) | 10 | 14 | 19 | 39 | 51 | 75 | 101 |
| Conventional Measures (level) | 1 tsp. | 1 tbsp. | ¼ c. | ⅓ c. | ½ c. | 1 c. | |
| Approximate Weight (in grams) | 5 | 16 | 71 | 94 | 141 | 283 | |

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

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 |
| For greenhouse applications ICL Speciality Fertilizer recommends using low to medium rates. Contact your local 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 inch Azalea/ HB (1.5 qt) | 539 | 3 | 7 | 10 |
| 6 inch Standard (1.75 qt) | 462 | 3 | 8 | 12 |
| 6.5 inch Azalea (1.8 qt) | 449 | 3 | 8 | 12 |
| 8 inch Azalea/ HB (3 qt) | 269 | 5 | 14 | 20 |
| 8 inch Mum Pan (1 gal) | 260 | 5 | 14 | 21 |
| 9 inch Mum Pan (1.25 gal) | 166 | 8 | 22 | 33 |
| 10 inch Hanging Basket (1.5 gal) | 150 | 9 | 24 | 36 |
| 12 inch Color Bowl (2 gal) | 112 | 12 | 32 | 49 |
| 12 inch Hanging Basket (2.25 gal) | 100 | 14 | 36 | 54 |
| 1 Quart | 850 | 2 | 4 | 6 |
| 2 quart | 400 | 3 | 9 | 14 |
| Trade 1 Gallon | 300 | 5 | 12 | 18 |
| 1 Gallon | 210 | 6 | 17 | 26 |
| Trade 2 Gallon | 125 | 11 | 29 | 44 |
| 2 Gallon | 102 | 13 | 36 | 53 |
| 3 Gallon | 70 | 19 | 52 | 78 |
| 5 Gallon | 52 | 26 | 70 | 105 |
| 7 Gallon | 35 | 39 | 104 | 156 |

| Larger Containers | Surface Area in sq. ft. | Low | Medium | High |
|---|-------------------------|-----|--------|------|
| 10 Gallon - 17" diam. | 1.4 | 47 | 126 | 188 |
| 15 Gallon - 17.5" | 1.5 | 50 | 135 | 202 |
| 20 Gallon - 21" | 2.3 | 77 | 206 | 309 |
| 25 Gallon - 22.5" | 2.8 | 94 | 251 | 377 |
| 30 Gallon - 26.5" diam. | 3.8 | 128 | 341 | 511 |
| 45 Gallon - 30" diam. | 4.8 | 161 | 430 | 646 |
| 65 Gallon - 30" diam. | 4.8 | 161 | 430 | 646 |
| 100 Gallon - 36" diam. | 7.1 | 239 | 637 | 955 |
| 200 Gallon - 48.5" diam | 12.8 | 430 | 1148 | 1722 |
| 24 inch box | 4.0 | 135 | 359 | 538 |
| 30 inch box | 6.25 | 210 | 560 | 841 |
| 36 inch box | 9.0 | 303 | 807 | 1211 |
| 48 inch box | 16.0 | 538 | 1435 | 2152 |
| Other Larger Containers – multiply the actual container surface area in sq. ft. by these rates: | | 34 | 90 | 135 |

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

| INCORPORATION RATES | LOW | MEDIUM | HIGH |
|---------------------|-----|--------|------|
| Lb. per cubic yard | 3.0 | 8.0 | 12.0 |
| Kg. per cubic meter | 1.8 | 4.7 | 7.1 |
| Grams per liter | 1.8 | 4.7 | 7.1 |

| LANDSCAPE RATES*** | LOW | MEDIUM | HIGH |
|---------------------------|-----|--------|------|
| Lb. per 1000 sq. ft. | 7.0 | 13.0 | 20.0 |
| Kg. per 100 sq. m. | 3.4 | 6.3 | 9.8 |
| Lb. of N per 1000 sq. ft. | 1.1 | 2.0 | 3.0 |

*** Use low rate on heavy or clay soils, high rate on light or sandy soils depending on soil test.

