

# Osmocote® Plus



SKU# E903226\*

- 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.
- 3rd Generation homogeneous Osmocote® Plus contains N-P-K plus micronutrients in each prill. Everris Patterned Nutrient Release Technology™ meets specific feeding cycles with unmatched consistency, efficiency and safety.

\* Available in Canada SKU # E98310

| LONGEVITY<br>at the following average media temperature |                  |                  |                  |
|---|------------------|------------------|------------------|
| 60° F<br>(15° C)  | 70° F<br>(21° C) | 80° F<br>(26° C) | 90° F<br>(32° C) |
| 6 to 7 months   | 5 to 6 months    | 4 to 5 months    | 3 to 4 months    |

### GUARANTEED ANALYSIS 15-9-12

|  |       |
|--|-------|
| TOTAL NITROGEN (N)**                                   | 15.5% |
| 8.4% Ammoniacal Nitrogen                               |       |
| 6.6% Nitrate Nitrogen                                  |       |
| AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )** | 9.9%  |
| SOLUBLE POTASH (K <sub>2</sub> O)**                    | 12.7% |
| MAGNESIUM (Mg)** (Total)                               | 1.3%  |
| 0.9% Water Soluble Magnesium (Mg)                      |       |
| SULFUR (S)**   | 6.0%  |
| 6.0% Combined Sulfur (S)                               |       |
| BORON (B)**  | 0.02% |
| COPPER (Cu)  | 0.05% |
| 0.05% Water Soluble Copper (Cu)                        |       |
| IRON (Fe)** (Total)                                    | 0.46% |
| 0.09% Water Soluble Iron (Fe)                          |       |
| 0.01% Chelated Iron (Fe)                               |       |
| MANGANESE (Mn)** (Total)                               | 0.06% |
| 0.06% Water Soluble Manganese (Mn)                     |       |
| MOLYBDENUM (Mo)**                                      | 0.02% |
| ZINC (Zn) (Total)                                      | 0.05% |
| 0.019% 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 zinc sources have been coated to provide 12.7% coated slow-release nitrogen (N), 7.6% coated slow-release available phosphate (P<sub>2</sub>O<sub>5</sub>), 10.2% coated slow-release soluble potash (K<sub>2</sub>O), 1.1% coated slow-release magnesium (Mg), 5.1% coated slow-release sulfur (S), 0.015% coated slow-release boron (B), 0.35% coated slow-release iron (Fe), 0.05% coated slow-release manganese (Mn), 0.015% coated slow-release molybdenum (Mo), and 0.015% coated slow-release zinc (Zn).

#### For Professional Use Only

Everris 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

##### Everris Yellow Spoons (level)

#1 = 10 grams #3 = 19 grams #5 = 51 grams #7 = 101 grams  
#2 = 14 grams #4 = 39 grams #6 = 75 grams

##### Conventional Measures (level)

1 tsp. = 5 grams 1/3 cup = 94 grams 28 grams (g) = 1 ounce (oz.)  
1 tbsp. = 16 grams 1/2 cup = 141 grams 454 grams (g) = 1 pound (lb.)  
1/4 cup = 71 grams 1 cup = 283 grams



### 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 Everris recommends using low to medium rates. Contact your local Everris Territory Manager for more information.

### 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   | 5   | 8      | 12   |
| 6 in. Standard (1.75 qt.)         | 462   | 5   | 10     | 14   |
| 6.5 in. Azalea (1.8 qt.)          | 449   | 6   | 10     | 15   |
| 8 in. Aza/HB (3 qt.)              | 269   | 9   | 17     | 24   |
| 8 in. Mum Pan (1 gal.)            | 260   | 10  | 17     | 25   |
| 9 in. Mum Pan (1.25 gal.)         | 166   | 15  | 27     | 40   |
| 10 in. Hanging Basket (1.5 gal.)  | 150   | 17  | 30     | 44   |
| 12 in. Color Bowl (2 gal.)        | 112   | 22  | 41     | 59   |
| 12 in. Hanging Basket (2.25 gal.) | 100   | 25  | 45     | 66   |
| 1 qt.                             | 850   | 3   | 5      | 8    |
| 2 qt.                             | 400   | 6   | 11     | 16   |
| Trade 1 gal.                      | 300   | 8   | 15     | 22   |
| 1 gal.                            | 210   | 12  | 22     | 31   |
| Trade 2 gal.                      | 125   | 20  | 36     | 53   |
| 2 gal.                            | 102   | 24  | 45     | 65   |
| 3 gal.                            | 70  | 36  | 65     | 94   |
| 5 gal.                            | 52  | 48  | 87     | 127  |
| 7 gal.                            | 35  | 71  | 130    | 188  |

| Larger Containers   | Surface Area in sq. ft. | Low | Medium | High |
|---|-------------------------|-----|--------|------|
| 10 gal. - 17 in. diameter   | 1.4                     | 86  | 157    | 228  |
| 15 gal. - 17.5 in.  | 1.5                     | 92  | 168    | 244  |
| 20 gal. - 21 in.  | 2.3                     | 142 | 258    | 374  |
| 25 gal. - 22.5 in.  | 2.8                     | 173 | 314    | 455  |
| 30 gal. - 26.5 in. diameter   | 3.8                     | 234 | 426    | 618  |
| 45 gal. - 30 in. diameter   | 4.8                     | 296 | 538    | 780  |
| 65 gal. - 30 in. diameter   | 4.8                     | 296 | 538    | 780  |
| 100 gal. - 36 in. diameter  | 7.1                     | 438 | 796    | 1154 |
| 200 gal. - 48.5 in. diameter  | 12.8                    | 789 | 1435   | 2081 |
| 24 in. box  | 4.0                     | 247 | 448    | 650  |
| 30 in. box  | 6.25                    | 385 | 701    | 1016 |
| 36 in. box  | 9.0                     | 555 | 1009   | 1463 |
| 48 in. box  | 16.0                    | 986 | 1794   | 2601 |
| Other Larger Containers—multiply the actual container surface area in sq. ft. by these rates: |                         | 62  | 112    | 163  |

\*\*\* 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  | 5.5 | 10.0   | 14.5 |
| Kg. per cubic meter | 3.3 | 5.9    | 8.6  |
| Grams per liter     | 3.3 | 5.9    | 8.6  |

### LANDSCAPE RATES\*\*\*\*

|                           |      |      |      |
|---------------------------|------|------|------|
| Lb. per 1000 sq. ft.      | 13.0 | 20.0 | 26.5 |
| Kg. per 100 sq. m.        | 6.3  | 9.8  | 12.9 |
| Lb. of N per 1000 sq. ft. | 2.0  | 3.0  | 4.0  |

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