



SKU - A902736  
Packaging - 50 lb

Osmocote® 19-6-10 is a proven Mini-Prill, 100% resin-coated fertilizer. It safely delivers N-P-K nutrition for up to 4 months. This product is commonly used in greenhouse production as a base feed incorporated into the growing media in smaller containers down to around 3 ½ to 4 inches. There are 5X more mini-prills per pound when compared to our standard sized fertilizer particles, so dispersal in the media is better. Better distribution increases the chance of having an adequate amount of prills in each of the small volume containers.

### Target Crops/ Special Uses

General purpose formulation for a wide variety of plant types incorporated into the media to fill small containers. For use in nursery, foliage and greenhouse production.

- Excellent as a base feed for heavy feeding greenhouse plants in combination with Peters® water-soluble fertilizer.
- Safe and easy long-term feeding of interior foliage plants in small containers.
- Great for use in larger plug trays with plants that need N-P-K not directly provide in the irrigation.
- For optimum results, incorporate in combination with Micromax® Micronutrients or Unimix starter charge.



### PRODUCT ADVANTAGES

- Mini-Prills equal 5 times the number of particles per pound of fertilizer.
- Homogeneous Osmocote® resin coated N-P-K delivers nutrition consistently for up to 4 months.
- Provides a sustained supply of nitrogen, phosphorus and potassium critical for proper plant growth and development.
- Safe & predictable nutrient release.
- Eliminates repeated applications, saving time, labor, and ultimately dollars.



| 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   | <b>3 – 4 MONTHS</b> | 2 – 3 MONTHS | 1 – 2 MONTHS |

**GUARANTEED ANALYSIS**

**F1877**

|   |      |
|---|------|
| Total Nitrogen (N)* .....                                   | 19%  |
| 10.0% Ammoniacal Nitrogen                                   |      |
| 9.0% Nitrate Nitrogen                                       |      |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> )* ..... | 6%   |
| Soluble Potash (K <sub>2</sub> O)* .....                    | 10%  |
| Sulfur(S)* .....  | 3.5% |

**Derived from:** Polymer-Coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate

\* The nitrogen, phosphate, potash, and sulfur sources have been coated to provide 19% coated slow-release nitrogen (N), 6% coated slow-release available phosphate (P<sub>2</sub>O<sub>5</sub>), 10% coated slow-release soluble potash (K<sub>2</sub>O) and 3.5% coated slow-release sulfur (S).

**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   | 3   | 5      | 8    |
| 6 in. Standard (1.75 qt.)                       | 462   | 3   | 6      | 9    |
| 6.5 in. Azalea (1.8 qt.)                        | 449   | 3   | 7      | 10   |
| 1 qt.   | 850   | 2   | 3      | 5    |
| 2 qt.   | 400   | 3   | 7      | 11   |
| Trade 1 gal.                                    | 300   | 5   | 10     | 14   |
| 1 gal.  | 210   | 6   | 14     | 21   |
| 20" x 10" Tray                                  | 162   | 8   | 18     | 27   |

| Larger Containers   | Surface Area in sq. ft. | Low | Medium | High |
|---|-------------------------|-----|--------|------|
| 10 Gallon - 17" diam.   | 1.4                     | 47  | 102    | 149  |
| 15 Gallon - 17.5"   | 1.5                     | 50  | 109    | 160  |
| 20 Gallon - 21"   | 2.3                     | 77  | 168    | 245  |
| 25 Gallon - 22.5"   | 2.8                     | 94  | 204    | 298  |
| 30 Gallon - 26.5" diam.   | 3.8                     | 128 | 277    | 405  |
| 45 Gallon - 30" diam.   | 4.8                     | 161 | 350    | 511  |
| 65 Gallon - 30" diam.   | 4.8                     | 161 | 350    | 511  |
| 100 Gallon - 36" diam.  | 7.1                     | 239 | 517    | 756  |
| 200 Gallon - 48.5" diam   | 12.8                    | 430 | 933    | 1363 |
| 24 inch box   | 4.0                     | 135 | 291    | 426  |
| 30 inch box   | 6.25                    | 210 | 455    | 666  |
| 36 inch box   | 9.0                     | 303 | 656    | 958  |
| 48 inch box   | 16.0                    | 538 | 1166   | 1704 |
| Other Larger Containers – multiply the actual container surface area in sq. ft. by these rates: |                         | 34  | 73     | 106  |

\*\*\* 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  | 3.0 | 6.5    | 9.5  |
| Oz. per cubic foot  | 1.8 | 3.9    | 5.6  |
| Kg. per cubic meter | 1.8 | 3.9    | 5.6  |
| Grams per liter     | 1.8 | 3.9    | 5.6  |

| APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN |        |         |      |      |      |      |    |
|--|--------|---------|------|------|------|------|----|
| ICL Yellow Spoons (level)  | #1     | #2      | #3   | #4   | #5   | #6   | #7 |
| Approximate Weight (in grams)                                    | 9      | 13      | 17   | 35   | 46   | 68   | 92 |
| Conventional Measures (level)                                    | 1 tsp. | 1 tbsp. | ¼ c. | ⅓ c. | ½ c. | 1 c. |    |
| Approximate Weight (in grams)                                    | 5      | 14      | 64   | 86   | 129  | 258  |    |

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