



Osmocote[®] PLUS

Controlled Release Fertilizer

Osmocote[®] PLUS



Osmocote[®] Plus Features

- For Full Season Feeding of Foliage, Nursery Stock, Greenhouse Crops and Landscapes
- Proven performance of Osmocote[®] NPK — with six trace elements and magnesium
- The benefit of controlled release major and minor elements with the convenience of providing plant nutritional needs consistently throughout the crop growing cycle
- Two sources of iron (iron EDTA and iron sulfate) provide excellent greening. Highest iron EDTA of “all-in-one” coated fertilizers
- Variety of nutrient release patterns to fit various greenhouse or outdoor cultural conditions. Controlled release nutrition in the following longevities (longevity shown at 70°F):
 - (90320) 3-4 month
(annuals, perennials, other short term crops)
 - (90322) 5-6 month (perennials, short season growing areas)
 - (90324) 8-9 month Southern
(warm season application in the South)
 - (90326) 8-9 month Northern (faster releasing for cool Northern Spring weather or Southern winter application and for the South where faster 'up front' release is needed)
 - (90328) 12-14 month Southern
(warm season application in the South)
 - (90330) 12-14 month Northern (faster releasing for cool Northern Spring weather or Southern winter application and for the South where faster 'up front' release is needed)
 - (90331) 12-14 month Propagation
(direct stick propagation, especially in the South or wherever a very slow-starting product is desired.)
 - (90332) 14-16 month (Long term crops, North or South)

Osmocote Plus

DESCRIPTION

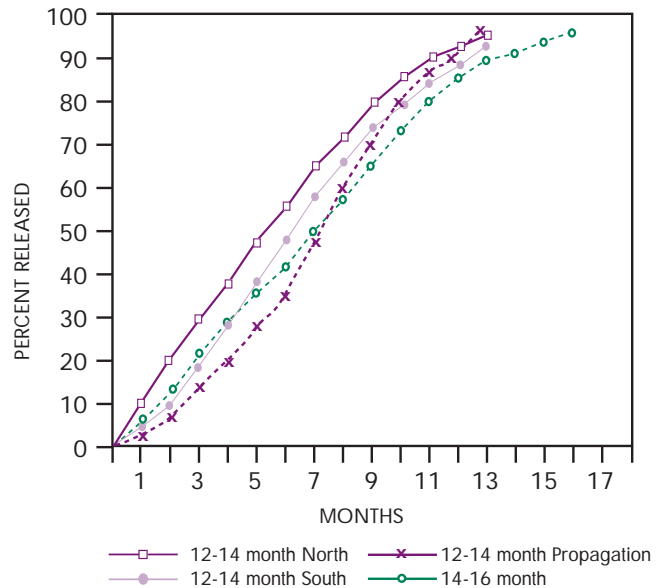
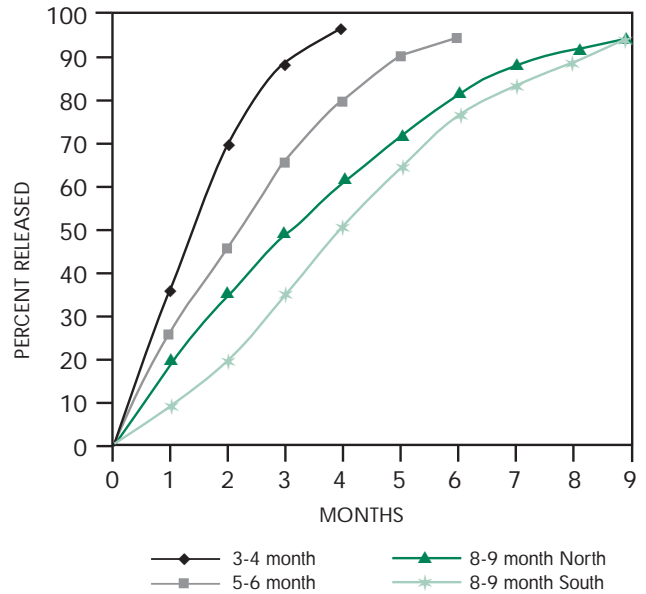
This product is composed of granules of dry plant nutrients which have been encapsulated within multiple layers of polymeric resin. Water penetrates the permeable shell and dissolves the nutrient core. The resulting osmotic pressure within the granule releases the plant nutrients through the coating and into surrounding soil medium.

The only external environmental factor that affects product release is soil temperature. Water has no effect. Decreases in soil temperature decrease release. Increased soil temperature increases release. Actual product longevity, as opposed to release, is dependent upon individual cultural practice, climatic conditions and soil temperature conditions.

Longevity: In general, the 60° to 70° F average media temperature range is associated with Northern tier and Pacific Northwest states. The 80° to 90° F range is usually associated with the Southern U.S. regions (West, Central, East). In Florida and other geographic areas, average growing medium temperature can be higher at times. Growing medium temperature will influence longevity of this product. However, once the nutrients are released, nutrient availability is affected by the growing medium characteristics and the frequency of rainfall or irrigation. In areas of high temperature and frequent, heavy rainfall (continuous leaching), field longevity will be reduced.

Occasionally, released fertilizer salts may accumulate on the product surface causing it to appear white. This is a normal occurrence and will disappear with irrigation.

NUTRIENT RELEASE OVER TIME AT 70°F



| LONGEVITY at the following Average Media Temperature (°F) | | | |
|--|---------------------|-------------|------------|
| 60° | 70° | 80° | 90° * |
| 4-5 months | 3-4 months | 2-3 months | 1-2 months |
| 6-7 months | 5-6 months | 4-5 months | 3-4 months |
| 9-10 months | 8-9 months | 6-7 months | 5-6 months |
| 14-16 months | 12-14 months | 8-9 months | 7-8 months |
| 16-18 months | 14-16 months | 9-10 months | 8-9 months |

*Expected longevity in South Florida

| GUARANTEED ANALYSIS | 15-9-12 | 15-9-11 |
|--|--------------|--------------|
| TOTAL NITROGEN (N)* | 15.0% | 15.0% |
| Ammoniacal Nitrogen | 7.0% | 7.0% |
| Nitrate Nitrogen | 8.0% | 8.0% |
| AVAILABLE PHOSPHATE (P₂O₅)* | 9.0% | 9.0% |
| SOLUBLE POTASH (K₂O) | 12.0% | 11.0% |
| MAGNESIUM (Mg)* | 1.0% | 1.0% |
| SULFUR (S)* | 2.3% | 2.3% |
| BORON (B)* | 0.02% | 0.02% |
| COPPER (Cu) | 0.05% | 0.05% |
| IRON (Fe)* | 0.45% | 0.45% |
| Chelated Iron (Fe)* | 0.23% | 0.23% |
| MANGANESE (Mn)* | 0.06% | 0.06% |
| MOLYBDENUM (Mo)* | 0.02% | 0.02% |
| ZINC (Zn)* | 0.05% | 0.05% |

Derived from: Ammonium nitrate, ammonium phosphate, potassium nitrate, calcium phosphate, magnesium sulfate, boric acid, copper sulfate, iron sulfate, iron EDTA, manganese sulfate, sodium molybdate, zinc sulfate, and zinc oxide.

*The nitrogen, phosphorus, potassium, magnesium, sulfur, boron, iron, manganese, molybdenum and zinc have been coated to provide 14% coated slow-release nitrogen (N), 8% coated slow-release phosphate (P₂O₅), 11% coated slow-release potash (K₂O), 0.9% coated slow-release magnesium (Mg), 1.9% coated slow-release sulfur (S), 0.4% coated slow-release iron (Fe), 0.05% coated slow-release manganese (Mn), 0.018% coated slow-release molybdenum (Mo), and 0.017% coated slow-release zinc (Zn).

Osmocote Plus

DIRECTIONS FOR USE

Application Rates

The range of application rates listed is a national rate range intended as a guideline in developing a fertilization program. The low, medium and high rates were developed on a national scale and therefore certain rates may not apply to your area or growing conditions. The appropriate application rate depends largely on plant type, container size, growing medium, growing environment and the extent of leaching (See Product Trial section).

Growing Conditions / Practices Associated with LOW Rates:

- Salt sensitive plants (azalea, ferns, gardenia, heather, rhododendron, etc.)
- High water retentive media (such as media containing field soil, peat, etc.)
- Minimal leaching
- Liquid feed in conjunction with controlled release

Growing Conditions / Practices Associated with HIGH Rates:

- Salt tolerant, rapidly growing plants (heavy feeders)
- Low water retentive media (coarse bark)
- Frequent leaching

RATE SELECTION FOR LARGE CONTAINERS

- For boxes containing native soil or topsoil, and irrigated with drip
- For plants recently field dug and boxed — use **Low Rate**

- For boxes containing artificial media only, and irrigated with drip
- For boxes containing native or topsoil and irrigation is from overhead sprinklers or by hand — use **Medium Rate**

- For boxes containing artificial media and watered from overhead sprinklers or by hand — use **High Rate**

PRODUCT TRIAL

Before a new fertilizer product or new rate is used in full production, a product rate trial is recommended to insure satisfactory results given the individual growing practices (media, irrigation, leaching, container size), environment and plant types. Select 2-3 rates and apply to blocks of representative plant types to be grown. Similarly, a fertilizer rate trial should be conducted prior to full scale changes in standard growing practices (media, irrigation, container size, etc.) to insure continued fertilizer success.

PRODUCT BLENDERS/APPLICATORS

Do not use shredders, mixers or applicators that may damage the coating. Do not blend longer than necessary.

OVERWINTERING PLANTS

When overwintering nursery stock fertilized with this product, irrigation may be necessary to prevent soluble salt build-up if temperatures fluctuate above freezing. Immediately after uncovering plants in the Spring, irrigate heavily to provide thorough leaching of any accumulated soluble salts.

STORAGE OF MIXES

The moisture contained in most planting mixes will activate and cause a gradual release of nutrients from controlled release fertilizers. Soil mixes that contain this product should always be used within 2 weeks (1 week in the South) after preparation and then only after heavy irrigation.

IRRIGATION MANAGEMENT

If a period of abnormally high temperatures occurs, irrigation volume or frequency should be increased to maintain acceptable soluble salt levels. If soluble salts rise to critical levels, apply sufficient water to insure enough leaching (at least 10% - 15% of applied water) to bring soluble salts down to an acceptable level.

IRRIGATION PROGRAMS WITH TOPDRESS APPLICATION

Where topdressing is used, irrigation practices should provide complete and ample wetting of the fertilizer prills with each irrigation to provide continuation of the release process and to move released nutrients down into the root zone. Where "spaghetti" or tube irrigation in large containers does not provide good, overall wetting of the entire soil surface the product can be applied in a localized area under the water tube outlet to insure proper moisture conditions.

STORAGE

Store in a clean, cool, dry place. Reseal opened bag by folding top down and securing.

CAUTION

Do not ingest or inhale. Keep away from children or pets. Follow label instructions and use care when handling all fertilizer products.

IMPORTANT NOTICE: LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on ornamentals. However, it is understood that tests may not have been carried out on all varieties and under all growing conditions. The user should always follow label directions and exercise judgment and caution when using this product on a given variety until familiar with the results under their growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESSED OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the liability of The Scotts Company or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing signed by a duly authorized representative of The Scotts Company.

Osmocote® Plus Application Rates (Excluding Florida)

| Osmocote® Plus Application Rates (Excluding Florida) | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|------|--------------------|---------------------------------------|------|--------------------|---|------|--------------------|---|------|--------------------|--|------------------|--------------------|---|------|--------------------|
| APPLICATION RATES | 3-4 month 15-9-12 Stock # 90320 | | | 5-6 month 15-9-12 Stock # 90322 | | | 8-9 month North & South 15-9-12 Stock # 90324, 90326 | | | 12-14 month North & South 15-9-12 Stock # 90328, 90330 | | | 12-14 month PROPAGATION 15-9-12 Stock # 90331 | | | 14-16 month 15-9-11 Stock # 90332 | | |
| | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | Low ¹ | Med ² | High ³ | Low | Med | High |
| INCORPORATING | | | | | | | | | | | | | | | | | | |
| Per cubic foot (ounces) | 1.8 | 3.6 | 7.1 | 2.4 | 4.7 | 7.1 | 4.1 | 5.9 | 8.3 | 5 | 8 | 11 | 2-4 | 5-7 | 8-12 | 8 | 12 | 16 |
| Per cubic yard (pounds) | 3 | 6 | 12 | 4 | 8 | 12 | 7 | 10 | 14 | 9 | 13 | 18 | 3-7 | 8-12 | 13-20 | 13 | 20 | 27 |
| Per cubic meter (kilograms) | 1.8 | 3.6 | 7.1 | 2.4 | 4.7 | 7.1 | 4.1 | 5.9 | 8.3 | 5 | 8 | 11 | 2-4 | 5-7 | 8-12 | 8 | 12 | 16 |
| Per 100 square feet (to 6 inch depth)* (pounds) | 6 | 11 | 22 | 7 | 15 | 22 | 14 | 20 | 28 | 17 | 24 | 33 | 6-13 | 15-22 | 24-37 | 24 | 37 | 50 |
| Per square meter (to 15 cm depth)* (kilograms) | 0.3 | 0.5 | 1.1 | 0.4 | 0.7 | 1.1 | 0.7 | 1 | 1.4 | 0.8 | 1.2 | 1.6 | 0.3-0.6 | 0.7-1.1 | 1.2-1.8 | 1.2 | 1.8 | 2.4 |
| LANDSCAPE RATES (Broadcast on surface or tilled in) | Heavy / Clay Soil | | Light / Sandy Soil | Heavy / Clay Soil | | Light / Sandy Soil | Heavy / Clay Soil | | Light / Sandy Soil | Heavy / Clay Soil | | Light / Sandy Soil | Heavy / Clay Soil | | Light / Sandy Soil | Heavy / Clay Soil | | Light / Sandy Soil |
| Per 100 square feet (pounds) | 1 | | 2 | 1.5 | | 2.5 | 2 | | 4 | 2 | | 4 | 2 | | 4 | 2 | | 4 |
| | | | | | | | | | | | | | | | | | | |
| | 3-4 month 15-9-12 Stock # 90320 | | | 5-6 month 15-9-12 Stock # 90322 | | | 8-9 month North & South 15-9-12 Stock # 90324, 90326 | | | 12-14 month North & South 15-9-12 Stock # 90328, 90330 | | | 12-14 month PROPAGATION 15-9-12 Stock # 90331 | | | 14-16 month 15-9-11 Stock # 90332 | | |
| TOPDRESSING (established plants) | | | | | | | | | | | | | | | | | | |
| Standard Containers (# pots/cu. yd.) (grams) | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | Low ¹ | Med ² | High ³ | Low | Med | High |
| 5" std. round pot (800/cu. yd.) | 2 | 3 | 7 | 2 | 5 | 7 | 4 | 6 | 8 | 5 | 7 | 10 | 2-4 | 5-7 | 7-11 | 7 | 11 | 15 |
| 6" std. round pot (450/cu. yd.) | 3 | 6 | 12 | 4 | 8 | 12 | 7 | 10 | 14 | 9 | 13 | 18 | 3-7 | 8-12 | 13-20 | 13 | 20 | 27 |
| 1 gallon container (300/cu. yd.) | 5 | 9 | 18 | 6 | 12 | 18 | 11 | 15 | 21 | 14 | 20 | 27 | 5-11 | 12-18 | 20-30 | 20 | 30 | 41 |
| 2 gallon container (140/cu. yd.) | 10 | 19 | 39 | 13 | 26 | 39 | 23 | 32 | 45 | 29 | 42 | 58 | 10-23 | 26-39 | 42-65 | 42 | 65 | 88 |
| 3 gallon container (80/cu. yd.) | 20 | 30 | 70 | 23 | 45 | 68 | 40 | 57 | 80 | 51 | 74 | 102 | 17-40 | 45-68 | 74-114 | 74 | 114 | 153 |
| 5 gallon container (50/cu. yd.) | 25 | 50 | 100 | 36 | 73 | 109 | 64 | 91 | 127 | 82 | 118 | 163 | 27-64 | 73-109 | 118-182 | 118 | 182 | 245 |
| 7 gallon container (35/cu. yd.) | 39 | 78 | 156 | 52 | 104 | 156 | 91 | 130 | 181 | 117 | 169 | 233 | 39-91 | 104-156 | 169-259 | 169 | 259 | 350 |
| Large Containers | Surface area | | | | | | | | | | | | | | | | | |
| 10 gallon 1.4 sq. ft. | 47 | 94 | 188 | 63 | 126 | 188 | 110 | 157 | 220 | 141 | 204 | 283 | | | | 204 | 314 | 424 |
| 15 gallon 1.5 sq. ft. | 50 | 101 | 202 | 67 | 135 | 202 | 118 | 168 | 235 | 151 | 219 | 303 | | | | 219 | 336 | 454 |
| 20 gallon 2.3 sq. ft. | 77 | 155 | 310 | 103 | 206 | 310 | 181 | 258 | 361 | 232 | 335 | 464 | | | | 335 | 516 | 696 |
| 25 gallon 2.8 sq. ft. | 94 | 188 | 377 | 126 | 251 | 377 | 220 | 314 | 440 | 283 | 408 | 565 | | | | 408 | 628 | 848 |
| 45 gallon 4.8 sq. ft. | 161 | 323 | 646 | 215 | 431 | 646 | 377 | 538 | 754 | 484 | 700 | 969 | | | | 700 | 1077 | 1453 |
| 24 in box 4.0 sq. ft. | 135 | 269 | 538 | 179 | 359 | 538 | 314 | 449 | 628 | 404 | 583 | 807 | | | | 583 | 897 | 1211 |
| 30 in box 6.25 sq. ft. | 210 | 421 | 841 | 280 | 561 | 841 | 491 | 701 | 981 | 631 | 911 | 1262 | | | | 911 | 1402 | 1892 |
| 36 in box 9.0 sq. ft. | 303 | 606 | 1211 | 404 | 807 | 1211 | 706 | 1009 | 1413 | 908 | 1312 | 1817 | | | | 1312 | 2018 | 2725 |
| 48 in box 16.0 sq. ft. | 538 | 1077 | 2153 | 718 | 1435 | 2153 | 1256 | 1794 | 2512 | 1615 | 2332 | 3230 | | | | 2332 | 3588 | 4844 |
| Larger Containers use rate per sq. ft. | 34 | 67 | 135 | 45 | 90 | 135 | 78 | 112 | 157 | 101 | 146 | 202 | | | | 146 | 224 | 303 |

* Rates for greenhouse and nursery growing beds, or incorporating mixes on a slab.

LOW Rates for sensitive plants and when using constant liquid feed
 MED Rates for nursery stock
 HIGH Rates for heavy feeding crops
 (For more information, see section on application rates)

- ¹ Sensitive plant propagation
- ² Nursery stock and foliage propagation
- ³ Normal nursery use – not for propagation

APPROXIMATE VOLUME MEASURES FOR ALL OSMOCOTE PLUS PRODUCTS

Scotts Yellow Spoons (level fill)

- #1 = 9 grams
- #5 = 49 grams
- #2 = 14 grams
- #6 = 75 grams
- #3 = 18 grams
- #7 = 100 grams
- #4 = 38 grams

Conventional Measures (level fill)

- 1 tsp. = 5 grams
- 1/3 cup = 86 grams
- 1 tbl. = 15 grams
- 1/2 cup = 126 grams
- 1/4 cup = 63 grams
- 1 cup = 252 grams

28 grams (g) = 1 ounce (oz.)
 454 grams (g) = 1 pound (lb.)

FLORIDA Osmocote® Plus Application Rates

| APPLICATION RATES | 3-4 month 15-9-12 Stock # 90320 | | | 5-6 month 15-9-12 Stock # 90322 | | | 8-9 month North & South 15-9-12 Stock # 90324, 90326 | | | 12-14 month North & South 15-9-12 Stock # 90328, 90330 | | | 12-14 month PROPAGATION 15-9-12 Stock # 90331 | | | 14-16 month 15-9-11 Stock # 90332 | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|-----|----------|---------------------------------------|-----|----------|---|-----|----------|---|------|----------|--|------|----------|---|------|----------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|------|-----|------|------|------|------|
| | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | | | | | | | | | | | | | | | | | | |
| | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | | | | | | | | | | | | | | | |
| INCORPORATING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Per cubic foot (ounces) | 1.8 | 3.6 | 5.9 | 2.4 | 4.7 | 7.1 | 2.4 | 4.7 | 7.1 | 3.0 | 5.6 | 8.3 | 3.6 | 6.5 | 8.3 | 4.1 | 7.7 | 10.1 | 4.7 | 7.7 | 10.1 | 5.9 | 9.2 | 11.9 | 4.7 | 7.7 | 10.1 | 5.9 | 9.2 | 11.9 | 5.3 | 9.5 | 12.4 | 6.5 | 11.3 | 14.8 |
| Per cubic yard (pounds) | 3 | 6 | 10 | 4 | 8 | 12 | 4 | 8 | 12 | 5 | 9.5 | 14 | 6 | 11 | 14 | 7 | 13 | 17 | 8 | 13 | 17 | 10 | 15.5 | 20 | 8 | 13 | 17 | 10 | 15.5 | 20 | 9 | 16 | 21 | 11 | 19 | 25 |
| N per cubic yard (pounds) | 0.45 | 0.9 | 1.5 | 0.6 | 1.2 | 1.8 | 0.6 | 1.2 | 1.8 | 0.75 | 1.43 | 2.1 | 0.96 | 1.76 | 2.24 | 1.12 | 2.08 | 2.72 | 1.2 | 1.95 | 2.55 | 1.5 | 2.33 | 3 | 1.2 | 1.95 | 2.55 | 1.5 | 2.33 | 3 | 1.35 | 2.4 | 3.15 | 1.65 | 2.85 | 3.75 |
| Per cubic meter (kilograms) | 1.8 | 3.6 | 5.9 | 2.4 | 4.7 | 7.1 | 2.4 | 4.7 | 7.1 | 3.0 | 5.6 | 8.3 | 3.6 | 6.5 | 8.3 | 4.2 | 7.7 | 10.1 | 4.7 | 7.7 | 10.1 | 5.9 | 9.2 | 11.9 | 4.7 | 7.7 | 10.1 | 5.9 | 9.2 | 11.9 | 5.3 | 9.5 | 12.5 | 6.5 | 11.3 | 14.8 |
| Per 100 square feet (to 6 inch depth)* (pounds) | 6 | 11 | 19 | 7 | 15 | 22 | 7 | 15 | 22 | 9 | 18 | 26 | 11 | 20 | 26 | 13 | 24 | 31 | 15 | 24 | 31 | 19 | 29 | 37 | 15 | 24 | 31 | 19 | 29 | 37 | 17 | 30 | 39 | 20 | 35 | 46 |
| Per square meter (to 15 cm depth)* (kilograms) | 0.3 | 0.5 | 0.9 | 0.4 | 0.7 | 1.1 | 0.4 | 0.7 | 1.1 | 0.4 | 0.8 | 1.2 | 0.5 | 1.0 | 1.2 | 0.6 | 1.2 | 1.5 | 0.7 | 1.2 | 1.5 | 0.9 | 1.4 | 1.8 | 0.7 | 1.2 | 1.5 | 0.9 | 1.4 | 1.8 | 0.8 | 1.4 | 1.9 | 1.0 | 1.7 | 2.2 |
| Landscape Rates (pounds) | See national rates on previous page | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| TOPDRESSING (established plants) Standard Containers (# pots/cu. yd.) | 3-4 month 15-9-12 Stock # 90320 | | | 5-6 month 15-9-12 Stock # 90322 | | | 8-9 month North & South 15-9-12 Stock # 90324, 90326 | | | 12-14 month North & South 15-9-12 Stock # 90328, 90330 | | | 12-14 month PROPAGATION 15-9-12 Stock # 90331 | | | 14-16 month 15-9-11 Stock # 90332 | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|------|----------|---------------------------------------|------|----------|---|------|----------|---|------|----------|--|------|----------|---|------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | Greenhouse/ Shade | | Full Sun | | | | | | | | | | | | | | | | | | |
| | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | Low | Med | High | | | | | | | | | | | | | | | |
| 1 gallon container (300/cu. yd.) | 5 | 9 | 15 | 6 | 12 | 18 | 6 | 12 | 18 | 8 | 14 | 21 | 9 | 17 | 21 | 11 | 20 | 26 | 12 | 20 | 26 | 15 | 23 | 30 | 12 | 20 | 26 | 15 | 23 | 30 | 14 | 24 | 32 | 17 | 29 | 38 |
| 2 gallon container (140/cu. yd.) | 10 | 20 | 32 | 13 | 26 | 39 | 13 | 26 | 39 | 16 | 32 | 45 | 19.5 | 35 | 45 | 23 | 42 | 55 | 26 | 42 | 55 | 32 | 50 | 64 | 26 | 42 | 55 | 32 | 50 | 64 | 29 | 52 | 68 | 35 | 62 | 81 |
| 3 gallon container (80/cu. yd.) | 17.5 | 35 | 55 | 23 | 46 | 69 | 23 | 46 | 69 | 28 | 54 | 80 | 34 | 62 | 80 | 40 | 74 | 96 | 46 | 74 | 96 | 55 | 88 | 110 | 46 | 74 | 96 | 55 | 88 | 110 | 51 | 90 | 120 | 62 | 108 | 142 |
| 5 gallon container (50/cu. yd.) | 24 | 48 | 80 | 32 | 64 | 96 | 32 | 64 | 96 | 40 | 75 | 112 | 48 | 88 | 112 | 56 | 104 | 136 | 64 | 104 | 136 | 80 | 124 | 160 | 64 | 104 | 136 | 80 | 124 | 160 | 72 | 128 | 168 | 88 | 152 | 200 |
| 7 gallon container (35/cu. yd.) | 32 | 64 | 108 | 43 | 86 | 129 | 43 | 86 | 129 | 58 | 102 | 150 | 64 | 118 | 150 | 75 | 140 | 183 | 86 | 140 | 183 | 108 | 167 | 216 | 86 | 140 | 183 | 108 | 167 | 216 | 96 | 172 | 226 | 118 | 205 | 270 |
| Large Containers | Surface area | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 gallon 1.4 sq. ft. | 47 | 94 | 157 | 63 | 126 | 188 | 63 | 126 | 188 | 78 | 149 | 220 | 94 | 173 | 220 | 110 | 204 | 267 | 126 | 204 | 267 | 157 | 243 | 314 | 126 | 204 | 267 | 157 | 243 | 314 | 141 | 251 | 330 | 173 | 298 | 392 |
| 15 gallon 1.5 sq. ft. | 50 | 101 | 168 | 67 | 135 | 202 | 67 | 135 | 202 | 84 | 160 | 235 | 101 | 185 | 235 | 118 | 219 | 286 | 135 | 219 | 286 | 168 | 261 | 336 | 135 | 219 | 286 | 168 | 261 | 336 | 151 | 269 | 353 | 185 | 320 | 421 |
| 20 gallon 2.3 sq. ft. | 77 | 155 | 258 | 103 | 206 | 310 | 103 | 206 | 310 | 129 | 245 | 361 | 155 | 284 | 361 | 181 | 335 | 438 | 206 | 335 | 438 | 258 | 400 | 516 | 206 | 335 | 438 | 258 | 400 | 516 | 232 | 413 | 542 | 284 | 490 | 645 |
| 25 gallon 2.8 sq. ft. | 94 | 188 | 314 | 126 | 251 | 377 | 126 | 251 | 377 | 157 | 298 | 440 | 188 | 345 | 440 | 220 | 408 | 534 | 251 | 408 | 534 | 314 | 487 | 628 | 251 | 408 | 534 | 314 | 487 | 628 | 283 | 502 | 659 | 345 | 597 | 785 |
| 45 gallon 4.8 sq. ft. | 161 | 323 | 538 | 215 | 431 | 646 | 215 | 431 | 646 | 269 | 511 | 754 | 323 | 592 | 754 | 377 | 700 | 915 | 431 | 700 | 915 | 538 | 834 | 1077 | 431 | 700 | 915 | 538 | 834 | 1077 | 484 | 861 | 1130 | 592 | 1023 | 1346 |
| 24 in box 4.0 sq. ft. | 135 | 269 | 449 | 179 | 359 | 538 | 179 | 359 | 538 | 224 | 426 | 628 | 269 | 493 | 628 | 314 | 583 | 763 | 359 | 583 | 763 | 449 | 695 | 897 | 359 | 583 | 763 | 449 | 695 | 897 | 404 | 718 | 942 | 493 | 852 | 1121 |
| 30 in box 6.25 sq. ft. | 210 | 421 | 701 | 280 | 561 | 841 | 280 | 561 | 841 | 350 | 666 | 981 | 421 | 771 | 981 | 491 | 911 | 1191 | 561 | 911 | 1191 | 701 | 1086 | 1402 | 561 | 911 | 1191 | 701 | 1086 | 1402 | 631 | 1121 | 1472 | 771 | 1332 | 1752 |
| 36 in box 9.0 sq. ft. | 303 | 606 | 1009 | 404 | 807 | 1211 | 404 | 807 | 1211 | 505 | 959 | 1413 | 606 | 1110 | 1413 | 706 | 1312 | 1716 | 807 | 1312 | 1716 | 1009 | 1564 | 2018 | 807 | 1312 | 1716 | 1009 | 1564 | 2018 | 908 | 1615 | 2119 | 1110 | 1918 | 2523 |
| 48 in box 16.0 sq. ft. | 538 | 1077 | 1794 | 718 | 1435 | 2153 | 718 | 1435 | 2153 | 897 | 1704 | 2512 | 1077 | 1974 | 2512 | 1256 | 2332 | 3050 | 1435 | 2332 | 3050 | 1794 | 2781 | 3588 | 1435 | 2332 | 3050 | 1794 | 2781 | 3588 | 1615 | 2871 | 3768 | 1974 | 3409 | 4486 |
| Larger Containers use rate per sq. ft. | 34 | 67 | 112 | 45 | 90 | 135 | 45 | 90 | 135 | 56 | 107 | 157 | 67 | 123 | 157 | 78 | 146 | 191 | 90 | 146 | 191 | 112 | 174 | 224 | 90 | 146 | 191 | 112 | 174 | 224 | 101 | 179 | 235 | 123 | 213 | 280 |

* Rates for greenhouse and nursery growing beds, or incorporating mixes on a slab.

LOW Rates for sensitive plants and when using constant liquid feed
 MED Rates for nursery stock
 HIGH Rates for heavy feeding crops
 (For more information, see section on application rates)

APPROXIMATE VOLUME MEASURES FOR ALL OSMOCOTE PLUS PRODUCTS

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- #1 = 9 grams
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- #5 = 49 grams
- #6 = 75 grams
- #7 = 100 grams

Conventional Measures (level fill)

- 1 tsp. = 5 grams
- 1 tbl. = 15 grams
- 1/4 cup = 63 grams
- 1/3 cup = 86 grams
- 1/2 cup = 126 grams
- 1 cup = 252 grams

28 grams (g) = 1 ounce (oz.)
 454 grams (g) = 1 pound (lb.)

Osmocote® PLUS is used as a trademark by SCOTTS-SIERRA Horticultural Products Company for its brand of controlled release fertilizers.

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SCOTTS-SIERRA HORTICULTURAL PRODUCTS COMPANY
14111 Scottslawn Rd., Marysville, OH 43041

QUESTIONS?

If you have any questions regarding the use of this product, feel free to call **TOLL FREE 1-800-492-8255**.



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