



4 NPK-Pro

14-14-16 + Minors Controlled Release Fertilizer

F1490

Guaranteed Analysis

| | |
|--|--------|
| Nitrogen (N)*..... | 14% |
| 7.8% Ammoniacal Nitrogen | |
| 6.2% Nitrate Nitrogen | |
| Available Phosphate (P ₂ O ₅)*..... | 14% |
| Soluble Potash (K ₂ O)*..... | 16% |
| Magnesium (Mg) (Total)*..... | 0.9% |
| 0.9% water soluble magnesium (Mg) | |
| Sulfur (S)*..... | 5.1% |
| 5.1% combined sulfur (S) | |
| Boron (B)*..... | 0.02% |
| Iron (Fe.)*..... | 0.30% |
| 0.28% water soluble iron (Fe) | |
| Manganese (Mn) (Total)*..... | 0.05% |
| 0.05% water soluble manganese (Mn) | |
| Molybdenum (Mo)*..... | 0.006% |
| Zinc (Zn)*..... | 0.05% |
| 0.05% water soluble zinc (Zn) | |

Temperature Effect on Rate of Release

| Average soil temp. | Longevity (Months) |
|--------------------|--------------------|
| 60°F | 5 |
| 70°F | 4 |
| 80°F | 3 |
| 90°F | 2 |



Derived from: polymer-coated ammonium nitrate, ammonium phosphate, potassium nitrate, sulfate of potash, calcium phosphate, magnesium sulfate, sodium borate, iron sulfate, manganese sulfate, sodium molybdate, and zinc sulfate.

*The nutrients in this product have been coated to provide 12.6% coated slow release nitrogen (N), 12.6% coated slow release available phosphate (P₂O₅), 14.4% coated slow release soluble potash (K₂O), 0.8% coated controlled release magnesium (Mg), 4.6% coated slow release sulfur (S), 0.018% coated slow release boron (B), 0.27% coated slow release iron (Fe), 0.045% coated slow release manganese (Mn), 0.0054% coated slow release molybdenum (Mo) and 0.045% coated slow release zinc (Zn).

Caution: Product contains boron and molybdenum. Do not apply to boron sensitive crops. Do not apply to forage crops or crops that will be grazed by ruminant animals. Use only according to manufacturer's directions.



Haifa NutriTech (HNT) Inc.
 405 Douglas Ave. # 2605
 Altamonte Springs, FL 32714
 Tel: (407) 862 6400,
 (800) 649 4944
 Manufactured by Haifa Chemicals, Israel

**Net weight: 50 Lbs
(22.7kg)**



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Directions for Use

Multicote (4) 14-14-16 + Minors should be applied according to the soil or growing medium conditions and specific requirements of the crop. Multicote (4) 14-14-16 + Minors provides the crops with nutrients over the specified release period. Actual release longevity will depend on environmental conditions such as temperature, rainfall and on the growing practice used such as: irrigation frequency and quantity, rate of application and the water retention of the growing medium.

Suggested Application Rate

The application rate suggested is intended as a guideline based on average conditions. Increase application rate by 20% if the average soil temperature is 60°F. Decrease application rate by 20% if the average soil temperature exceeds 85°F. **IMPORTANT NOTICE:** When growing crops requiring higher fertilizer demands or growing in subtropical climate, please refer to our Florida/High Rates Chart which is available through your local distributor or by visiting the Sun Gro Horticulture website, www.sungro.com.

| Incorporation rates | | | |
|------------------------------------|-----|-----|------|
| Volume or area of mix | Low | Med | High |
| Per cubic foot (oz.) | 2.1 | 4.7 | 7.1 |
| Per cubic yard (lb.) | 3.5 | 8.0 | 12.0 |
| Per cubic meter (kg.) | 2.1 | 4.7 | 7.1 |
| Lbs. per 100 sq. ft. (to 6" depth) | 7 | 15 | 23 |

Low rate -Use on salt-sensitive varieties or when using an additional liquid feed or when a capillary irrigation system is being used.

Medium rate- Use when media contains no soil and drip irrigation, or when media contains soil and overhead irrigation is used.

High rate -Use on salt-tolerant, fast growing varieties.

Mixing Multicote with a growing medium -the storage period must not exceed 7 days. Leach the growing medium prior to planting. Do not mix Multicote with the growing medium prior to steam sterilization.

Examples of various plant species and genera with different levels of salt sensitivity:

Sensitive species – Azalea, Camellia, Kalmia, Pieris, Magnolia, Dwarf Rhododendron, Skimmia, Saxifraga.

Normal vigour – Most nursery stock and herbaceous perennials, semi-dwarf conifers and large rhododendrons.

Vigorous – Eleagnus, Forsythia, Hydrangea, Hedera, Prunus, Weigela and medium-large conifers.

The above recommendations should be regarded as a general guide only. Before implementing these recommendations the fertilization program should be tested on a small scale.

| Multicote Spoons | | |
|------------------|-----------|-----------|
| #1 – 10 g | #4 – 25 g | #7 – 65 g |
| #2 – 15 g | #5 – 35 g | #8 – 80 g |
| #3 – 20 g | #6 – 50 g | |

| Topdressing rates | | | | |
|-----------------------|--|-----|------|------|
| Container Size | Approx. No. of Containers Per Cubic Yard | Low | Med | High |
| 5" Std. pot | 800 | 2 | 5 | 7 |
| 6" Std. pot | 450 | 4 | 8 | 12 |
| 1 gallon | 300 | 5 | 12 | 18 |
| 2 gallon | 140 | 11 | 26 | 39 |
| 3 gallon | 80 | 20 | 45 | 68 |
| 5 gallon | 50 | 32 | 73 | 109 |
| 7 gallon | 35 | 45 | 104 | 156 |
| Large Containers | Surface Area (Sq. Ft.) | | | |
| 10 gallon | 1.4 | 56 | 127 | 191 |
| 15 gallon | 1.5 | 60 | 136 | 204 |
| 20 gallon | 2.3 | 91 | 209 | 313 |
| 25 gallon | 2.8 | 111 | 254 | 381 |
| 45 gallon | 4.8 | 191 | 436 | 654 |
| 95 gallon | 8.25 | 328 | 749 | 1124 |
| 200 gallon | 12 | 477 | 1090 | 1634 |
| 24 inch box | 4 | 159 | 363 | 545 |
| 30 inch box | 6.25 | 248 | 568 | 851 |
| 36 inch box | 9 | 358 | 817 | 1226 |
| 48 inch box | 16 | 636 | 1453 | 2179 |
| Use Rate (per sq.ft.) | | 40 | 91 | 136 |

| Conversion Table | |
|--------------------|-------|
| Rounded Measure | Grams |
| 1 teaspoon (tsp) | 5 |
| 1 Tablespoon (Tbs) | 15 |
| 1 oz. | 28 |
| ¼ cup | 63 |
| ½ cup | 125 |
| 1 cup | 250 |



Manufactured By
Haifa Chemicals Ltd.
P.O.Box 10809 Haifa Bay 26120, Israel
www.haifachem.com

Notice: Warranty of this product, either expressed or implied, is limited to the guarantee of the composition as shown on the label in as much as uses are beyond the seller's control. For the same reason, seller is not liable for any injury to living things, crops, soils or materials that may result from the use of this product. STORE UNDER COOL AND DRY CONDITIONS.

Caution: Harmful if swallowed. Keep out of the reach of children. May cause skin irritation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Promptly sweep spillage from concrete area.

Cuidad: Mantener fuera del alcance de los niños. Es peligroso si traga. Puede causar irritación de la piel. No respirar el polvo. Evitar contacto con la piel, los ojos o la ropa. Lavarse completamente después de manejar el producto. Limpiar rápidamente derrames en las áreas de cemento mediante barrido.



Toll-free Customer Resource Centers:

Western Region: 1-888-797-7328 Fax: 1-888-797-6497
Central Region: 1-888-982-4500 Fax: 1-888-982-4501
Eastern Region: 1-888-896-1222 Fax: 1-888-896-1444
SE Region - SC: 1-800-634-8316 Fax: 1-864-465-2002
SE Region - FL: 1-800-683-7700 Fax: 1-800-231-5307

