

Multicote

multicote [®] **4**
Controlled Release Fertilizer

**14-14-16
+Minors**

(120 Days at 70°F Soil Temperature)

Description

Multicote[®](4) 14-14-16 is based on homogenous NPK granules encapsulated in a unique polymer coating. The polymer coating controls the release, allowing slow, continuous diffusion of dissolved nutrients to the root zone. The release rate increases as the soil warms up similarly to the plant's growth rate and nutrient consumption.

At a soil temperature of 70°F Multicote (4) continuously nourishes plants with nitrogen, potassium, phosphate and minors over four months. Other factors such as pH, microbial activity or soil moisture does not significantly affect the release rate.

Temperature Affect on Release Rate				
Average Soil Temperature	60°F	70°F	80°F	90°F
Longevity	5 months	4 months	3 months	2 months

Guaranteed Analysis

- Total Nitrogen (N)* 14.0%
 - 7.9% Nitrate Nitrogen
 - 6.1% Ammoniacal Nitrogen
- Available Phosphate (P₂O₅)* 14.0%
- Soluble Potash (K₂O)* 16.0%
- Combined Sulfur (S)* 1.2%
- Total Magnesium (Mg)* 0.6%
 - 0.6% Water Soluble Magnesium (Mg)
- Total Manganese (Mn)* 0.03%
 - 0.03% Water Soluble Manganese (Mn)
- Total Iron (Fe)* 0.18%
 - 0.18% Chelated Iron (Fe)
- Molybdenum (Mo)* 0.004%
- Boron (B)* 0.013%
- Zinc (Zn)* 0.03%
 - 0.03% water soluble Zinc (Zn)
- Chlorine (Cl) not more than 1.00%

Caution: Crops high in molybdenum (Mo) are toxic to grazing animals (ruminants).

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

**The nitrogen, phosphate, potash, magnesium, sulfur; boron, iron, manganese, molybdenum and zinc materials in this product have been coated to provide 12.6% coated controlled release nitrogen (N), 12.6% coated controlled release phosphoric acid (P₂O₅), 14.4% coated controlled release potash (K₂O), 0.5% coated controlled release magnesium, 1.1% coated controlled release sulfur (S), 0.012% coated controlled release boron (B), 0.16% coated controlled release iron (Fe), 0.027% coated controlled release manganese (Mn), 0.004% coated controlled release molybdenum (Mo) and 0.027% coated controlled release zinc (Zn).*

**For
Professional
Nursery Use**





14-14-16 +Minors

Directions for Use

Multicote (4) 14-14-16 should be applied according to the soil or growing medium conditions and specific requirements of the crop. Multicote (4) 14-14-16 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.

Incorporation rates				
Low	Medium	High	South Florida	Volume or Area of Mix
2.5 oz.	4 oz.	6 oz.	7 Oz.	Per cubic foot
4 lbs.	7 lbs	10 lbs.	12 lbs	Per cubic yard
2.5 kg	4 kg	6 kg	7 kg	Per cubic meter
8 lbs	12 lbs	18 lbs	21 lbs	Per 100 sq ft
0.4 kg	0.6 kg	0.9 kg	1.2 kg	Per sq meter

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.

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.

Topdressing rates					
Container Size	Container/cubic yard	Low	Medium	High	South Florida
5" std pot	800	2g	4g	6g	8g
6" std pot	450	3g	7g	10g	12g
1 gallon	300	5g	11g	15g	25g
2 gallon	140	13g	23g	32g	45g
3 gallon	80	19g	40g	57g	75g
5 gallon	50	30g	64g	90g	110g
7 gallon	35	43g	90g	130g	160g
Large containers	Surface Area				
10 gallon	1.4 sq ft	63g	110g	157g	195g
15 gallon	1.5 sq ft	67g	120g	170g	210g
20 gallon	2.3 sq ft	100g	180g	260g	320g
25 gallon	2.8 sq ft	125g	220g	315g	400g
45 gallon	4.8 sq ft	215g	380g	540g	670g
Larger containers	Per sq ft	45g	78g	112g	140g

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	

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

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.



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