



CONTROLLED RELEASE FERTILIZERS

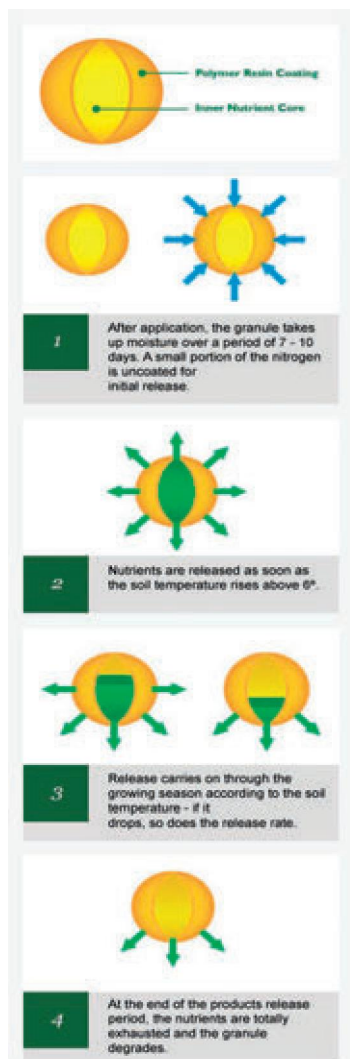


MULTICOTE- A Good Long Term Strategy

Professional production of ornamental plants requires that plants will develop and thrive under unnatural conditions. To achieve this, nutrition must follow plant needs throughout the growth period. At every stage, plant nutrients should be supplied at the right balance.

Multicote controlled release fertilizers offer complete, carefully balanced nutrition from initial propagation through all the potting on stages without allowing any disruptive shortages or oversupply situations that can affect growth and health. The result is healthier, stronger and more saleable plants.

A single application of Multicote[®] provides balanced nutrition for the plant over months. Multicote[®] products feature reliable release profiles, which are unaffected by soil type, soil pH, moisture or microbial activity.



How does it Work?

The most reliable and effective way to control the availability of nutrients for plant uptake is by regulating their release into the soil solution. This is accomplished by encapsulating fertilizer granules in a polymeric coating. Following application, Multicote[®] granules start absorbing moisture that dissolves the nutrients inside the granules. The dissolved nutrients then diffuse, slowly and continuously, into the root zone.

The rate of diffusion – the actual release rate - depends upon and is dictated solely by the soil temperature. The release rate increases as temperature rises, just as happens with plant uptake rates.

After the release is complete, the empty shell ruptures and degrades, leaving no residues in the soil.

Multicote[®] Precision Release Rates

ANALYSIS	60°F	70°F	80°	90°F
Multicote [®] 4	6 months	4 months	3 months	2 months
Multicote [®] 6	7-8 months	6 months	4-5 months	3-4 months
Multicote [®] 8	9-10 months	8 months	6-7 months	5-6 months



CONTROLLED RELEASE FERTILIZERS

IN STOCK AT



Multicote® controlled release fertilizers offer a complete, carefully balanced nutrition program. Starting from the initial propagation stage through all the growing stages, Multicote® fertilizers makes sure there are no nutrition shortage or oversupply situations that can affect the growth and health of the plants. The result is healthier, stronger and more saleable plants.

MULTICOTE EXTRA-

Premium NPK Plus Micro Nutrients in a Homogeneous Prill.
Ideal for Bedding Plants, Baskets and Perennials

Multicote (4) + Minors 15-7-15 50 lbs.

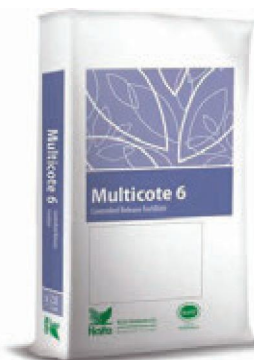
Multicote (6) + Minors 15-7-15 50 lbs.



Multicote®

(6) 15-7-15+1.2Mg+Minors

is a homogeneous NPK granule encapsulated in a unique polymer coating. The polymer coating controls the release rate thereby allowing a slow, continuous diffusion of dissolved nutrients to the root zone. As the soil warms up, the release rate increases consistent with the plant's growth rate and nutrient consumption. At a soil temperature of 70F, Multicote (6) continuously nourishes plants with nitrogen, potassium, phosphate and minors over a six-month period. Other factors such as pH, microbial activity and soil moisture do not affect the release rate.



Guaranteed Analysis

Nitrogen (N)* ...15%
8% Ammoniacal Nitrogen
7% Nitrate Nitrogen
Phosphate (P₂O₅)* ...7%
Soluble Potash (K₂O)* ...15%
Magnesium (Mg)* ...1.2%
Total Sulfur (S) ...2.1%
Boron (B)* ...0.035%
Iron (Fe)* ...0.45%
Manganese (Mn)* ...0.065%
Molybdenum (Mo)* ...0.01%
Copper (Cu)* ...0.05%

MULTICOTE NPK PRO-

Blend of Premium NPK Plus Minors, Urea and Potassium Nitrate.
Ideal for Greenhouse, Nursery and Landscape Crops

Multicote (4) + Minors 14-14-16 50 lbs.

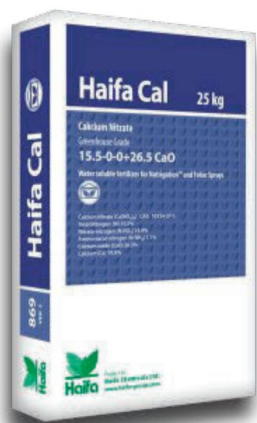
Multicote (8) + Minors 18-6-12 50 lbs.

Multicote (8) + Minors 20-6-12 50 lbs.





WATER SOLUBLE FERTILIZERS

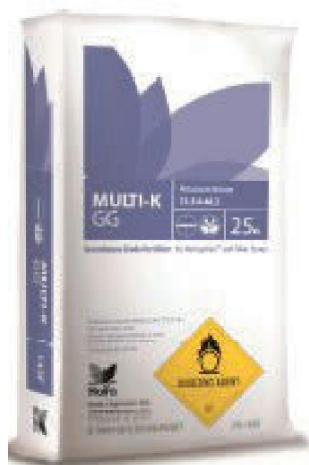


GREENHOUSE GRADE
CALCIUM NITRATE

As calcium is not mobile in the plant, it has to be continuously supplied throughout the growth season to keep adequate levels in the plant tissues and to ensure proper development. The nitrate-nitrogen in Haifa Cal[®] is readily absorbed by the plant and improves the efficiency of calcium uptake. -

The advantages of Haifa Calcium Nitrate

- Fully water soluble.
- Consists of 100% plant nutrients.
- Free of sulfate.
- Free of chloride, sodium and other detrimental elements for plants.
- Suitable for the production of nutrient solutions and for bulk blending.
- Haifa Cal[®] can be mixed with all water soluble fertilizers, except stock solutions containing phosphates or sulfates.



GREENHOUSE GRADE
POTASSIUM NITRATE

Greenhouse Grade Potassium Nitrate

13.5-0-46.2 (crystalline) – fully water-soluble – NK fertilizer

PRODUCT INFORMATION

ANALYTE	Unit	TYPICAL	SPECIFICATION	
			Min.	Max.
Total Nitrogen (as N)	%	13.5	13.1	-
Nitric Nitrogen (as N-NO ₃)	%	13.5	13.1	-
Water Soluble Potassium (as K ₂ O)	%	46.2	46	-
Water Soluble Potassium (as K)	%	38.4	38.2	-
pH(10% solution)		9	6	11
Loss on Drying (Moisture)	%	0.1	-	0.2
Water Insolubles	ppm	350	-	700
Bulk Density	g/ml	1.1	0.9	1.2

**MKP (MONOPOTASSIUM PHOSPHATE) AND MAG SULFATE (EPSOM SALTS)
ALSO AVAILABLE**

**LEARN MORE ABOUT HAIFAS OTHER SPECIALTY FERTILIZERS
THRU YOUR LOCAL TESSMAN REPRESENTATIVE OR ONLINE AT
www.haifa-group.com**