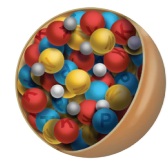
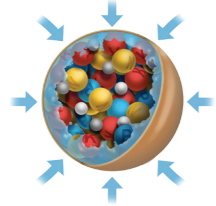


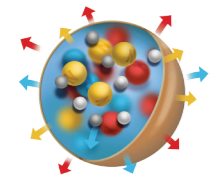
How it works



1 Multicote™ is based on polymer-coated fertilizer granules. During the production process, fertilizer granules consist of soluble nutrients, are encapsulated in a polymeric shell coating.



2 Following application, soil moisture slowly penetrates through the coating which begins a gradual dissolution of the nutrients inside the granule.



3 The dissolved nutrients diffuse through the coating to the root zone, providing the plant with available nutrients at measured portions – according to its growth needs.



4 After the release is complete, the empty shell ruptures and degrades.



Multicote™ production plants:

- Haifa Bay, Israel
- Lunel, France
- Savannah, GA, USA



Haifa Group is a leading global supplier of Potassium Nitrate, Specialty Plant Nutrients and Industrial Chemicals. Haifa's operations span over 100 countries, with 14 subsidiaries and 4 production sites. Renowned for its pioneering spirit, Haifa's key mission is to create highly effective plant nutrition solutions for farmers worldwide.

Haifa Worldwide

Headquarters: Haifa, Israel

Europe: North West Europe | France | Iberia | Italy | Southeast Europe | Turkey | CIS (Desk)

Africa & Middle East: South Africa | Israel | Central Africa & Middle East (Desk)

Asia & Australia: China | East Asia | Australia | Asia (Desk)

America: North America | México | South America

www.haifa-group.com

Multicote™ guarantees a reliable release profile

The rate of nutrients release from Multicote™ granules is dictated by the soil temperature. The release rate increases as temperature rises, just as happens with plant uptake rates. Other factors, such as soil type, humidity, pH, and microbial activity do not affect the release rate. The release longevity of Multicote™ products is determined at 21°C.



	Soil Temperature		
	15°C (60°F)	21°C (70°F)	30°C (86°F)
Multicote™ 4	6 months	4 months	2 months
Multicote™ 6	7-8 months	6 months	3-4 months
Multicote™ 8	9-10 months	8 months	5-6 months
Multicote™ 12	15-16 months	12 months	7-8 months
Multicote™ 16	20-22 months	16-18 months	9-10 months

Multicote™

Single Application, Multiple Benefits

- Optimal plant nutrition
- Less fertilizers are needed
- Saves labor and time
- Simple application
- Environmentally friendly



YouTube Learn more about Multicote™ products, watch Multicote™ videos



A single pre-planting application of Multicote™ controlled release fertilizer (CRF) can fill a crop's nutritional requirements throughout its growth season. Multicote™ products are designed to feed plants continuously, at maximum nutrient uptake efficiency. Multicote™ controlled release fertilizers save labor and application costs, enable application independent of the irrigation system, and require no sophisticated equipment.



Multicote™ provides optimal nutrition throughout the growth season

Conventional fertilizer deliver nutrients in excess at the beginning of the season, followed by deficiency towards its end

The benefits of Multicote™ controlled release nutrition



Optimal plant development

Multicote™ products provide plants with balanced nutrition, according to their needs, throughout the growth cycle. This ensures optimal development and maximum high quality yields.



Less fertilizers are needed

Multicote™ products release available nutrients at a rate that matches plant uptake. This minimizes fertilizer losses, and enables considerable reduction of application rates – up to 30%, as compared to conventional granular or liquid fertilizers.



Saves labor and time

A single application of Multicote™ covers a crop's nutritional requirements throughout its growth cycle. This saves labor and costs associated with fertilizer application. It also eliminates fertilization from the growers' routine tasks, freeing them to concentrate on other growth requirements.



Simple application

Multicote™ fertilizers are applied directly to the soil, requiring no sophisticated injection or dosing system.



Environmentally friendly

Multicote™ nutrition minimizes losses through leaching, volatilization or fixation, thus preventing environmental contamination.

Multicote™ formulae address specific growth needs

Multicote™ products combine several components, all containing pure plant nutrients and free of chloride. Different combinations of the components enable the production of a wide variety of nutritional compositions and release profiles to match any specific requirement.

	Longevity (months)						
	UC*	2	4	6	8	12	16
Potassium nitrate	✓	✓	✓	✓	✓	✓	
Urea	✓	✓	✓	✓	✓	✓	✓
Mono-ammonium phosphate (MAP)	✓	✓	✓		✓		
Magnesium sulfate	✓	✓	✓		✓		
Boron	✓		✓		✓	✓	
NPK 15-7-15+ME		✓	✓	✓	✓	✓	✓
NPK 14-14-14		✓	✓	✓	✓	✓	✓
NPK 12-12-14+ME	✓	✓	✓	✓	✓		

* UC - uncoated fertilizer with an immediate effect

Multicote™ products for various applications



Nurseries



Gardening



Potting soil



Turf



Agriculture



Horticulture



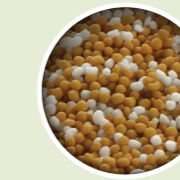
Forestry



Multicote™ safe nutrition for Nurseries and Ornamentals

Multicote™ offers complete, carefully balanced nutrition from initial propagation through all the potting stages without allowing any disruptive shortages or oversupply situations that can affect plant growth and health. Multicote™ is RHP-certified.

Use the FloraMatch™ software/App to select your formulae and to plan Multicote™ nutritional programs.



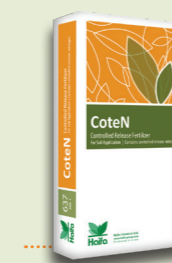
Multicote™ Turf (Multigreen™) year-round nutritional programs for turf

Multicote™ Turf products fully address all growth factors, offering optimized fertilization programs for every combination of turf species, climate conditions and maintenance level. Multicote™ Turf year-round nutritional programs take care of the changing needs of the turf and support seasonal growth processes.



Multicote™ Agri (Multigro™) cost-effective nutrition for Agriculture and Horticulture

Combining coated fertilizer granules and readily-available nutrients, Multicote™ Agri products offer cost effective nutritional solutions that match the crop's growth needs throughout the season.



CoteN™ controlled release nitrogen for arable crops

Releasing nitrogen continuously throughout the growth season, CoteN™ maximizes the efficiency of N fertilization, hence highly recommended wherever nitrogen application is limited e.g. by environmental regulations. CoteN™ can be blended or applied in combination with other granular fertilizers in order to fulfill the complete nutritional requirements of the crop.

