

MulticoTech™

Polymer Coating Technology for Responsible Plant Nutrition

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MulticoTech™ polymer-coated fertilizer granules provide continuous plant nutrition throughout the season.

- MulticoTech™ is the basis for efficient feeding schemes for three major crop groups.
- In each group, optimized MulticoTech™ products satisfy crop needs and match growth interface.
- Feeding programs are designed to maximize the efficiency of the fertilizers and to minimize detrimental impacts on the environment.



Optimized nutrition for NURSERIES and ORNAMENTS

Main challenges

- Growth conditions allow minimum tolerance to nutrient deficiencies or excesses
- Nutrition must correspond to plant needs throughout the growth period
- Environmental considerations gain increasing importance

The nutritional concept:

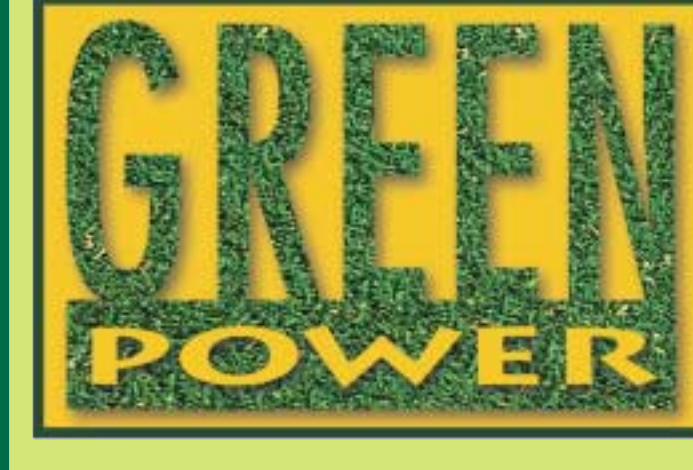
Complete, carefully balanced and fully compatible nutrition from initial propagation through all the potting on stages, without allowing any unfavorable shortage or oversupply situations

Multicote® controlled release fertilizers

- Based on fertilizer granule that contains all essential nutrients
- Release longevity of 4, 6, 8, 12 or 16 months
- A selection of professional formulae is available

Highlights:

- Homogenous distribution in the soil or potting mix
- Preferred N-K balance
- Choice of release profiles
- Supported by FloraMatch™ web software



Balanced TURF nutrition

Main challenges

- Turf must look and play good throughout the year
- Proper nutrition is a must to regulate the growth and to maintain the dynamic balance of the turf system
- Optimal nutrition should correspond to turf species, growth conditions and usage level

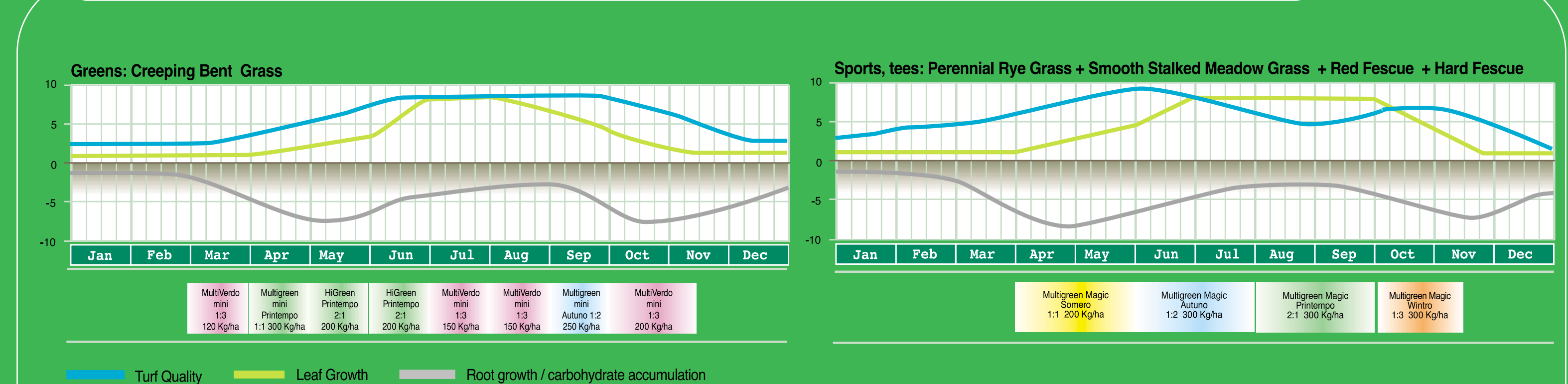
The nutritional concept:

Year-round nutritional schemes adjusted to turf specific needs, taking into account growth conditions

Multigreen® controlled release turf fertilizer

- Ideal combination of continuously-released and readily available nutrients
- Special formulae meet changing requirements, creating year-round nutrition scheme
- Focus on the best N-K balance for each stage
- Formulae contain potassium nitrate, that helps combating "Black Layer" phenomenon
- Different grades address different maintenance levels

Growth patterns and year-round feeding programs in continental climate zone*



* Compiled by Dr. Adriano Altissimo, Studio Agronomi Associati, Italy.



Controlled Release Nutrition for AGRICULTURE & HORTICULTURE

Main challenges

- Increasing need for highly efficient fertilization
- Environmental legislation restrict nitrogen application rates
- Economic considerations play a major role

The nutritional concept:

Fertilization based on highly efficient polymer-coated nutrients, mainly nitrogen. Product composition and costs are in tight contact with crop needs and growth interface.

Products for arable crops

CoteN™: Polymer-coated urea - a rich source of nitrogen

CoteN Mix™: blends of polymer-coated urea and readily-available nutrients

Products for cash crops and fruit trees

Multigro™: Combinations of polymer-coated and immediately available nitrogen, phosphorus and potassium

Recommended Applications

AgriCote Power™ products are highly recommended:

- On light soils, where conventional fertilizers are easily leached
- In rainy areas, when rainfall accelerates nutrient leaching
- Wherever nitrogen application is limited e.g., by environmental regulations
- For crops with a shallow root system
- For crops with high nutritional requirements
- In cases where the crop covers soil surface, making mid-season application impossible



Responsible Nutrients

www.haifachem.com