

Cool Season Greens Program

This program provides the primary nutrition, summer stress management, soil moisture management, preventative pest control, plant growth regulation for cool season putting greens and tees. It will increase the microbial life and activity in the soil and improve plant photosynthesis and health.

MATREX Integrated Segments

Healthy Gro Natural Based Granular

- 4 applications- 2 spring start up, 1 pre fall aeration , 1 dormant feed
2.25# N / 1.35# P / 3.75# K / 4.0# Ca / 1000

Summer N-K Base Feed

- 1-0-2 ratio controlled release granular nitrogen and potassium for natural plant strength and stress relief
0.5# N / 1.0# K

Matador Active Matrix Wetting Agent

- Long term vertical and horizontal root zone conditioning
- 2 applications early spring

ProGro System 7 Amino Summer Stress Spray

- Turf Live Culture, RPM 401, Caliplex, Energy, Armor Tech 44
- 10 applications, 2 week frequency
0.92# N / 0.30 P / 0.39# K / 0.15# Ca / 1000

Armor Tech Total Pest Control

- Preventative Fungicide control for anthracnose, dollar spot, brown patch, leaf spot, pythium and snow mold
- Preventative grub & surface insects
- 2 week application frequency / Combine with System 7 spray

Growth Regulation / Seed head Control

- PGR 113, Ethephon for poa annua seed head suppression
- 10 applications PGR 113 for lateral growth
- Cutdown for early poa management

Total Annual Nutrition Per Acre

3.67# N / 1.65# P / 5.14 # K / 4.15# Ca / 1000 sq. ft.

Projected 2010 cost/acre \$ 6600.00

Core Philosophy

It is our responsibility as turf managers to deliver the course quality that is demanded by the stakeholders and customers that pay to use the facilities.

It is also our responsibility to meet those expectations within the budget provided.

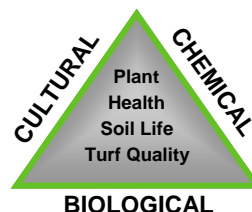
It is further our responsibility to do this while respecting the land we manage and the ecosystem that survives because of it.

The **MATREX** Eco Agronomic program is a proven system of unique technologies, implemented with integrated maintenance and cultural practices that delivers the conditions expected leaving a positive impact on the environment and those living within it.

MATREX Nutritional Philosophies

- Improve the balance of biological, cultural and chemical inputs to improve soil life and turf consistency
- Provide nutrition to optimize plant and soil life
- Seasonally adjust base soil elements to provide optimum growing conditions
- Utilize technology to by pass limiting factors such as soil chemistry, pH and environmental stresses
- Implement integrated strategies that create synergies and reduce negative interactions
- Reduce inputs that do not support increased soil life or are detrimental to the ecological complex
- Utilize technology that reduces the overall maintenance cost

BALANCE



2010 Eco Agronomic Guide



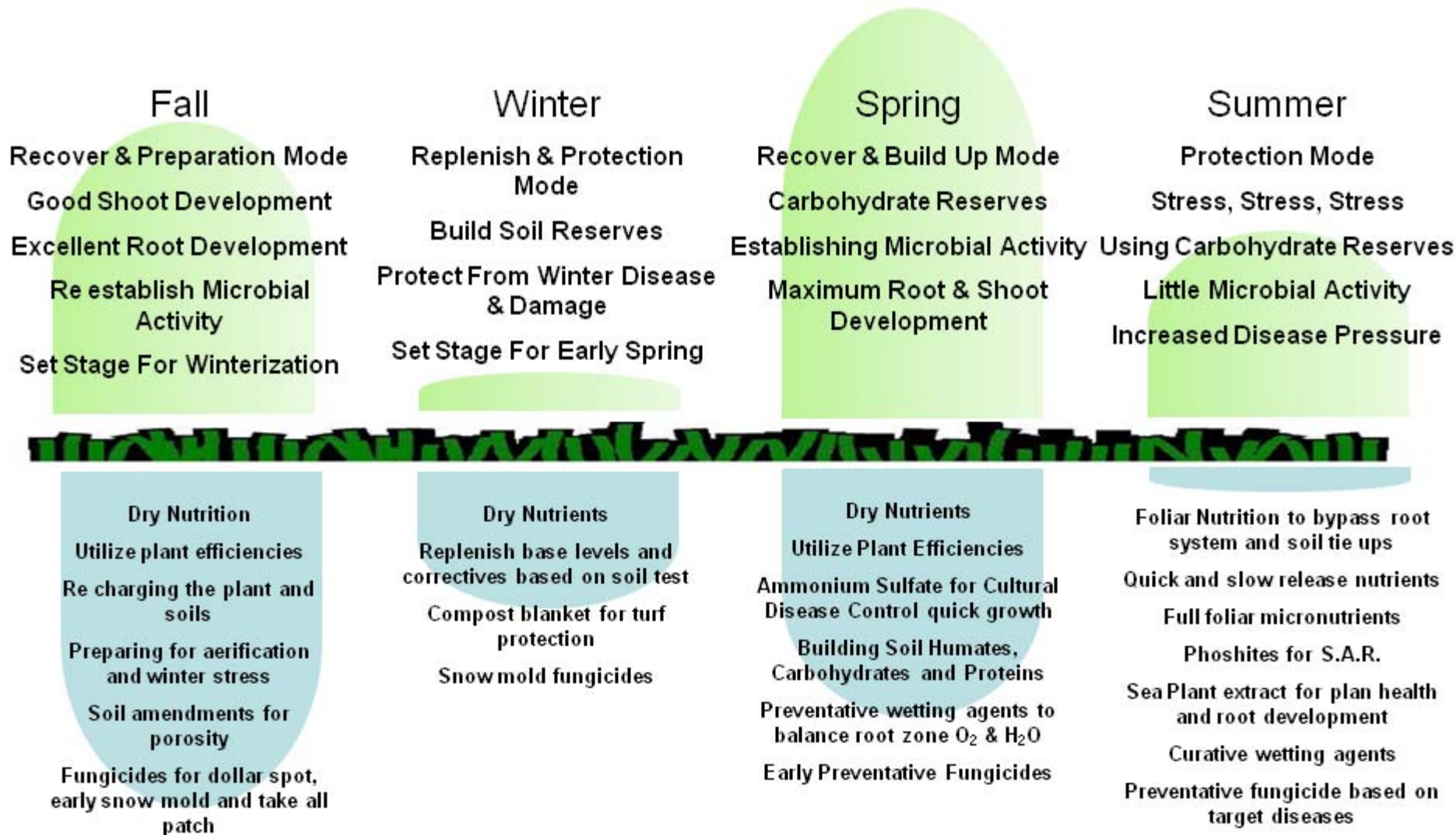
E³
ffective
conomical
co-Friendly



Corporate Office
18950 County Hwy 5 West
East Dubuque Illinois 61025
Phone: 815.747.6024 Fax: 815.747.6103

Mendota Distribution Center
P.O. Box 523
Mendota Illinois 61342
FAX: 815.538.6981

www.progro-solutions.com



MATREX Seasonal Management Strategy


Shoot Growth




Root Growth

Cultural Practices

Irrigation / Water Management / Mowing Height & Frequency / Vertical Cutting / Top Dressing / Aerification / Drainage
Shade Management / Airflow / Oxygen Management / Turf Varieties