

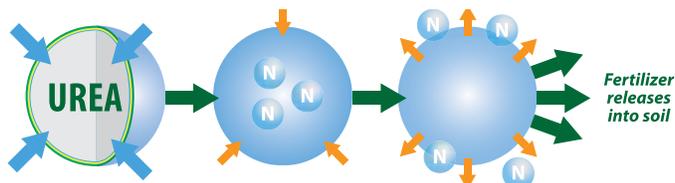
# Golf Course & Landscape Fertilizers

## TPT Controlled-Release Nitrogen by



### How Do They Work? | Are They All The Same?

Conventional water-soluble fertilizer materials (substrates) are given a protective coating or encapsulation (water insoluble, semi-permeable, or impermeable with pores) that controls water penetration and the rate of nutrient dissolution and nutrient release.



\* AAPFCO, The Association of American Plant Food Control Officials tentative

### MOISTURE

- Moisture diffuses into the prill, initiating nutrient release
- Activation is a saturation process
- 6% Soil moisture is enough to activate release

### TEMPERATURE

- Release rates of polymer coated fertilizers respond to temperature
- Release is minimal at temperatures below 10° C
- Release rate increases with increasing temperature

### COATING THICKNESS

- Increasing coating thickness increases longevity of release
- Both initiation and release are affected by coating thickness
- Takes more time for water to move in through pores, and for nutrients to move out

### HOW LONG WILL IT LAST?

TPT is available in three (3) Growing Degree Day coating thicknesses - TPT 900, 1800, & 2400. GDD accumulations are calculated when average daily soil temps. from Environment Canada exceed 0° C.

- **TPT 900** is determined as 80% nutrient release by 900 GDD or about 45 days when average daily temperature is 20° C.
- **TPT 1800** is determined as 80% nutrient release by 1800 GDD or about 90 days when average daily temperature is 20° C.
- **TPT 2400** is determined as 80% nutrient release by 2400 GDD or about 120 days when average daily temperature is 20° C.

Contact your Even-Spray representative for more information on Turf Fuel G nitrogen and the Scotts-based formulations available.

## BRANDT iHammer



Both MEGALEX® and UPPLAUSE® PLUS are proprietary foliar formulations that are environmentally-friendly, zero-Phosphorus, and are compatible with most fertilizers, pesticides, adjuvants and plant growth regulators.

Both iHammer products are an excellent addition to a liquid or foliar fertilizer program in low light environments and utilize stable sources of Nitrogen that resists soil tie-up.

Count on BRANDT iHammer products to help build you stronger, greener, more vibrant turf for optimal course playability.

Ask your Even-Spray representative how Brandt iHammer products can be best utilized in your fertilizer program.

**Innovation Without Borders®** - BRANDT iHammer is a joint venture focused on the development of new product technologies that help plants use water and nutrients more efficiently, and enhance photosynthesis, carbon flow, and glycoside sugar utilization within plants. Its products are currently available in the turf, greenhouse, and agricultural markets.



9.46 Litre

### iHammer Megalex® 3-0-0

- Patented chemistry validated in university and independent trials since 2005.
- Builds strong roots and shoots, increasing root length by as much as 25% and root mass to fight environmental stresses such as drought and heat.
- Enhances water and nutrient uptake by the plant.
- Use as part of a liquid greens program every 14 days at a rate of 3 - 9 oz / 1,000 ft² in 2 - 2.5 USG of water.



9.46 Litre

### iHammer Upplause® Plus 10-0-0

- Cost effective, patented chemistry for use on tees and fairways.
- University test and validated.
- Proprietary formula allows for rapid uptake of nutrients, reducing evaporation before absorption into plants.
- Reduces impact of environmental stresses and improves overall turf health with rapid greening.
- 3 - 6 oz. / 1,000 ft² every 14 days in 2 - 2.5 USG of water.

Plant Health Products

# Primo Maxx®

**Manage Clipping Yields While Elevating Your Turf To A New Level of Playability**

Primo MAXX is a unique management tool that allows golf course superintendents to better manage turfgrass on their courses. It does this by actually altering the way turfgrass grows, resulting in more compact, healthier grass that produces fewer fresh weight clippings by up to 50% and a reduction in grass height of up to 20% for up to four weeks.

**Benefits in using Primo MAXX:**

- Can be used as a pre-stress conditioning tool to prepare turf for summer extremes such as heat and drought.
- Less clipping yields results in a healthier cut – more predictable, consistent playing conditions and better turf wear recovery.
- Reduced wear on equipment, lower labour costs, and reduced fuel consumption.

**Application Rate for Primo MAXX:**

- 4 ml / 100m<sup>2</sup> monthly for Bentgrass.
- 3.78 litre container.
- PCP: 26989



# ADVANTAGE+ seaweed



**Aquatrols Advantage Plus Seaweed**

A convenient supplement to your regular fertility or surfactant program. **Advantage Plus Seaweed** pellets promotes fast recovery of stressed turf and stimulates root growth leading to healthy, vigorous turfgrass. Use **Advantage Plus Seaweed** pellets in conjunction with your regular hand watering and syringing to improve overall turf performance. Improved, balanced .01-.01-.03 + 0.2% Iron and Seaweed Extract formula.

- Promotes fast recovery of stressed turf while stimulating root growth.
- Application Rate: One Advantage Plus Seaweed pellet will treat approximately 4 to 6 average-sized greens, watering at a rate of roughly 10 minutes per green.
- One box contains 6 x 226-gram (8 oz.) pellets.
- Easy to use with the PelletPro™ Applicator Gun.



PelletPro™ Applicator Gun

# EcoTea™

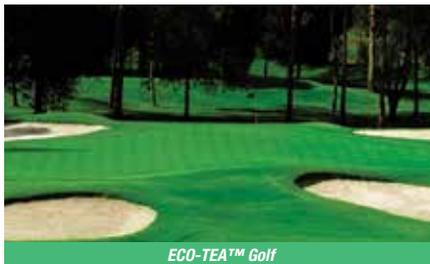
**ECO-TEA™** is a biological soil amendment that helps to build and replenish the beneficial microbial community in soil and plant root systems. The organisms found in **ECO-TEA™** will cause an immediate improvement in root biomass and function, creating a stronger, more vigorous plant. This product is 100% sustainable and contains no human pathogens.

The plant beneficial biology within **ECO-TEA™** will help to decrease stress from pathogenic bacteria, fungi, and some insects – while increasing the effectiveness of fertilizers. This helps plants focus less on producing energy expensive shock proteins and more on biomass production. The added blend of humic, fulvic, long-chain amino acids – Atlantic kelp extract, simple/complex carbohydrates, and enzymes benefit overall plant health.

Introducing the newly refined and simplified **ECO-TEA™ HDI** System for Golf courses, Sports Fields, and Landscapes and Residential lawns. The new **HDI** lineup of products is the simpler approach to introducing the benefits of **ECO-TEA™** to your plant health management strategies.

**HDI** gives you the flexibility to mix and apply the products to turf or to maximize the true benefits of **ECO-TEA™** by supercharging the **HDI** concentrate with aeration for 24 hours. This aeration process truly unlocks the potential of what **ECO-TEA™** has to offer your turf.

The **HDI** System offers three different formulations to meet your specific needs – *HDI for Golf Greens and Tees, HDI for Fairways, and HDI for Sports Fields, Commercial Landscape & Lawn Care.*



## EcoTea™ Dry Seed Treatment For Turf Professionals

**EcoTea™ Dry Seed Treatment** is a biological inoculant that will coat the seed with ecologically functional microbes, which will help break seedling dormancy, improve root development, increase nutrient use efficiency, and increase resistance to diseases. This product is sustainable and contains no human pathogens.

- A simple and easy-to-use 2-part product that when combined will treat 200 pounds of grass seed.
- Product can be portioned if using less than 200 pounds of grass seed.
- 2-Litre size

Golf Course & Landscape Fertilizers

**Lebanon...Improving the Way Professionals Care For Turf**

LebanonTurf is the professional division of Lebanon Seaboard Corporation. With over 60 years of experience, Lebanon is dedicated to supporting its customers through an extensive network of independent dealers and distributors. LebanonTurf is committed to environmental stewardship and has a product line or technology to fit all aspects of the turfgrass industries – Golf Course Superintendents, Property Managers, or Professional Landscapers and Tree care Specialists.



LebanonTurf continues to bring cutting edge technology and products to the market. From the Country Club MD water-dispersible fertilizer line for greens, tees, and other closely mowed turf areas to the long lasting and highly efficient and predictable release of MESA® Ammonium Sulphate/Methylene Urea Nitrogen and EXPO® Nitrogen/Sulphate of Potash, LebanonTurf has the product line to meet your agronomic and budgetary needs.



**MESA** is a unique 30-0-0 nitrogen source that combines Ammonium Sulphate with Methylene Urea in a single, homogeneous particle. The result is an extremely efficient and controlled nitrogen source that produces consistent, dark green colour without surge growth. Unlike coated nitrogen technologies, **MESA** does not lose its slow-release properties when cracked, chipped, crushed or broken. **MESA** technology is found in Lebanon's Country Club and ProScape brands.



**EXPO** is LebanonTurf's patented, single-particle, extended release Potassium Sulphate technology. **EXPO** is designed to deliver potassium to the turf in a reliable and predictable rate over a longer period of time, well beyond that of the standard Potassium Sulphate found in most fertilizers. Additionally, **EXPO** delivers controlled release nitrogen (derived from Methylene Urea). Each homogeneous particle has an analysis of 20-0-25. **EXPO** is found in Lebanon's Country Club, ProScape, and Woodace brands.



**The Next Stage in the Evolution of Golf Course Fertilizers**

Country Club MD is a new, innovative fertilizer from LebanonTurf developed to provide superior turf quality and golf course playability. Its unique, highly dispersing homogenous granule technology eliminates mower pick-up and contains sea kelp meal and humic acid to help suppress turf stress. Country Club MD features Meth-Ex slow release, Methylene urea nitrogen and is available in three popular formulations.



**Help Give Grass Seed A Better Start At Life...**

PennMulch Seed Accelerator is pelletized seed establishment mulch comprised of recycled newsprint, starter fertilizer, and Moisture Cell Technology – a patented super-absorbent polymer. It has a wide range of uses and is perfect for golf course superintendents, athletic field managers, irrigation companies, groundskeepers, and other turf and lawn care professionals.

PennMulch Seed Accelerator is the only seed establishment product containing patented Moisture Cell Technology. Comprised of super-absorbent polymers, Moisture Cell Technology can absorb up to 400 times its weight in water, which causes the pellets to expand. As the seedbed dries, the microscopic polymer crystals release water back into the soil, providing the new seedlings with the moisture they need to grow healthy and strong. Though there are a number of look-alike products on the market, university testing shows that none can match the results of PennMulch Seed Accelerator.

- University formulated and Patented – it's in the name!
- Increases turf density to minimize weed outbreak
- Conserves moisture to increase seed establishment
- Complete starter fertilizer included in mulch
- No raking necessary; easy to apply with a drop or certain rotary spreaders.
- Rate: 65 pounds per 1,000 ft<sup>2</sup> applies .65 lb. N, .91 lb. P, and .26 lb K



Straw

PennMulch

## Golf Course & Landscape Fertilizers



The Andersons offers a full range of premium HIGH-PERFORMANCE fertility and control product solutions to assist Superintendents and Professional Turfgrass Managers in creating and maintaining top quality playing conditions. Performance driven by research, innovation and technology for A+ TURF HEALTH.



### Nutri DG – Gen 3

- The latest evolution of the Nutri DG product range – lighter in colour, easy to see and spread.
- 12-3-12 DG is ideal for shoulder season applications, utilizing 100% Ammoniacal Nitrogen.
- Features the Andersons easy-to-apply Dispersing Granule Technology.
- 75 SGN – no particle movement, mower pick-up, or damage from mower.
- 20 kg bag.



### Humic DG

- Dual carbon sources provide a complete spectrum of beneficial humic substances. 62% Humic Acid.
- Increases soil carbon and plant health.
- Improves germination and viability of seeds.
- Features Andersons easy-to-apply Dispersing Granule Technology.
- 75 and 240 SGN.
- 20 kg bag.



### SmartPhos DG

- Season-long feeding with high-efficiency Recycled Phosphorus.
- Features Andersons easy-to-apply Dispersing Granule Technology.
- Use SmartPhos DG at half the rate of traditional starter fertilizers and get the same results.
- 75 SGN
- 18.14 kg bag.



### HCU 44-0-0

- 2% Potassium Humate coated Urea.
- Sprayable & Spreadable - to match your application needs.
- Proven Performance – turf quality and colour.
- Well-suited for fairways, tees, home lawns and landscapes.
- Clean, free-flowing, spherical granules.
- 215 SGN.
- 22.68 kg bag.

Ask your Even-Spray sales representative about the complete high-performance Andersons product line-up of plant nutrition and protection that can take your turf to the next level. [www.AndersonsPlantNutrition.com](http://www.AndersonsPlantNutrition.com)

## Kelly's

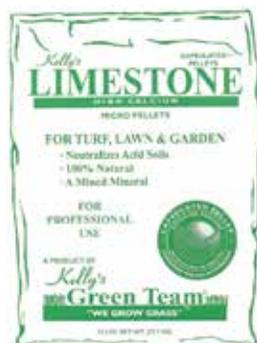
Kelly's Capsulated Limestone and Gypsum products help maintain luxurious green turf, plentiful gardens, beautiful trees, and ornamentals. For over 40 years, Kelly Lime & Rock Company has been producing limestone products of the finest quality.

- Mined naturally, Kelly's products are friendly to the environment.
- **Patented water-soluble polymer capsulation** coating process for all Dolomitic lime, Calcitic lime, and Gypsum products.
- Easy to apply, free-flowing, and low-dust granules.
- Gypsum and Calcitic lime available in Micro and Landscape/Fairway grade. Dolomitic lime available in Micro grade only.
- 50-Pound Poly bag



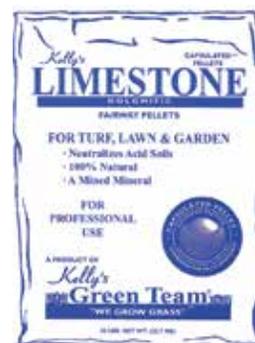
### Kelly's Capsulated Gypsum

- Loosens clay and compacted soils.
- Restores sodium-affected soils.
- Will not change soil pH.
- Micro and Regular grade available.



### Kelly's High Calcium Limestone

- Neutralizes soil acidity.
- Supplies Calcium and Magnesium.
- Sustains vigorous green growth.
- Micro and Regular grade available.



### Kelly's Dolomitic Limestone

- Neutralizes soil acidity.
- Excellent source of Magnesium.
- Secondary source of Calcium.
- Regular grade only available.