

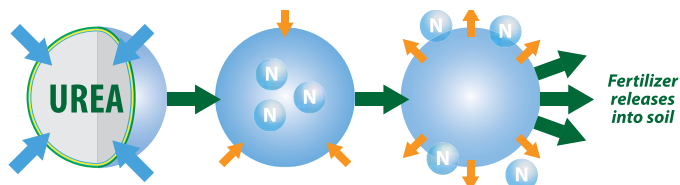
Golf Course & Landscape Fertilizers

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.

Golf Course & Landscape Fertilizers

Grigg Brothers GreenSpec™ Granular Fertilizers

GreenSpec™ homogeneous granules were developed in response to customers requests for dry fertilizers that would complement the use of Grigg Brothers® Foliar Fertilizers. The GreenSpec™ line has been engineered using proprietary “protein” nitrogen (N) source technology to deliver superior performance with controlled and lasting colour response and environmental safety and efficient nutrient delivery.

GreenSpec™ fertilizers have been formulated with purity in mind and do NOT contain any waste products, fillers of any kind, manures, or cheap minerals containing heavy metals.

Every ingredient has a purpose.

- Organic, Bio-active Proteins.
- Great Salt Lake Sulphate of Potash – solar evaporated, purest source available.
- Kelp – High in Calcium, minerals, low salt index.
- Humic Acid – high Fulvic to Humic ratio.



16-4-8 Turf Rally Mini Grade

- Nitrogen sources - blood meal, bone meal, and urea.
- Sulphate of Potash K source.
- Micros – 6% Ca, 6% S, 3% Fe, 0.2% Mn, and 0.1% Zn.
- Also contains 3.2% Humic Acid and Kelp.



10-2-4 100% Organic Micro

- Grade**
- Dust-free and disperable formula
 - Nitrogen sources – blood meal, soy protein, feather/bone meal.
 - Sulphate of Potash K source.
 - Micros – 4% Ca, 2% S
 - Also contains 3.2% Humic Acid and Kelp.



7-0-14 ZeroPhos + 7% Fe Micro

- Nitrogen sources – blood meal, urea, and ammonium sulphate.
- Sulphate of Potash K source.
- Micros – 7% Ca, 7% S, 7% Fe, 0.3% Mn, and 0.2% Zn.
- Also contains 3.2% Humic Acid and Kelp.

Custom Blended Granular Turf Fertilizers – To Meet Your Agronomic or Budgetary Needs

Working with industry-leading fertilizer blending partners, Even-Spray can help custom formulate a product to meet your needs.

Utilizing the very best ingredients such as Polyon, **MESA**, **EXPO**, and **TPT**, there is no limit to the range of formulations we can built to your specifications. Please contact your Even-Spray Sales Representative for more information.

Even-Spray Custom Zero Phosphorus Granular Fertilizers

Even-Spray has developed four custom fertilizer formulations to meet our customers’ agronomic needs as the demand to use zero phosphorus products continues. Ideal for use on turfgrass – fairways, sports fields, and landscape settings, these products are blended with the very best nutrient sources including XCU, MESA, and Sulphate of Potash.

Please contact your sales representative or our office for more information on these and other zero or reduced phosphorus fertilizer options.



33-0-11 75% Retention + Iron

- Retention Stabilized Urea Nitrogen.
- Spring and Summer formula.
- 1% Iron for enhanced turf colour.
- 25-Kilo bag covers 18,150 ft² (2.4 bags per acre) on tees, fairways, lawns, and landscaped areas.



28-0-10 50% MESA + Iron

- MESA Nitrogen – Ammonium Sulphate/Methylene Urea homogeneous particle.
- 1% Iron for enhanced colour.
- 22.7-Kilo bag covers 14,000 ft² (3.2 bags per acre) on fairways, lawns, and landscaped areas.



11-0-33 75% Retention + Iron

- Retention Stabilized Urea Nitrogen.
- Late Summer / Fall formula.
- 1% Iron for enhanced turf colour.
- 25-Kilo bag covers 18,150 ft² (2.4 bags per acre) on tees, fairways, lawns, and landscaped areas.



10-0-30 37% MESA + 100% SOP

- MESA Nitrogen – Ammonium Sulphate/Methylene Urea homogeneous particle.
- 100% Sulphate of Potash K
- 22.7-Kilo bag covers 15,000 ft² (2.9 bags per acre) on fairways, lawns, and landscaped areas.

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 ft² 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

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.