

TURF TALES

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Important Dates To Remember:

- **Canadian International Turfgass Conference & Trade Show.**
Halifax World Trade and Convention Centre, March 7-11, 2009
- **Even-Spray Annual Spring Seminar.**
Windsor Park Inn March 19th
- **MGSA Curling Event.**
Heather Curling Club March 26th



1-800-665-3836

NEW BLENDING TECHNOLOGY—AAT INTRODUCES POLYON® AND XCU™

Polygon® fertilizers from Agrium Advanced Technologies (AAT) give turfgrass professionals all the things you want from a fertility program: consistent, predictable feeding that lasts for months with one application—all to help you grow healthy, beautiful, playable turf.

Polygon® controlled-release fertilizer uses an entirely different approach because its release is regulated only by soil temperature. Unlike products that release a surge of nutrients when triggered by moisture, **Polygon®** gradually feeds your turfgrass through osmotic diffusion. The unique coating meters out nutrients to the root zone slowly, constantly, daily... for months at a time.

You can rely on the predictable release of **Polygon®** controlled-release fertilizer because it isn't subject to the factors other fertilizers are, such as moisture levels, microbial activity or soil pH. When temperature is your only determining factor, it's easy to gauge release rates. It also means there's never surge growth after a rain-fall.

Also, the polymer coating on **Polygon®** gradually provides nutrients to the turfgrass for steady, long-lasting feeding with virtually no waste or nutrient lock-off. That's what you need for greener, thicker turfgrass all season. And only **Polygon®** gives you 100% controlled release,

when your turf needs it most.

Because **Polygon®** fertilizers are activated by temperature, adjustments in polymer coating thickness give **Polygon®** fertilizers the ability to suit different geographies, soil types and season lengths. AAT can design a singular **Polygon®** formulation specifically for your course's needs, whether your ideal feeding time is six weeks or six months. It is so exact it can be designed to peak during the week of a big tournament.

AAT has also developed **XCU™** to deliver the highest Nitrogen level and the lowest sulphur content of any polymer-coated, sulphur-coated product available today. **XCU's™** unique formulation is specially created to deliver higher Nitrogen levels and

lower sulphur than any other polymer-coated, sulphur-coated product. With 93% coated slow-release Nitrogen, **XCU™** has more pounds of Nitrogen per ton versus the competition. It's also made with less sulphur than similar products, which reduces the risk of inconsistent performance from nutrient "lock-off". In tests, the competition was pretty well locked-off within 21 days or less, but **XCU™** was still releasing nutrients consistently for 35 days. © John Bladon, AAT Agronomist, will provide more information at the Even-Spray Seminar in March.

(more AAT news on pg 4)



THE 'CYCLE-SYSTEM' FROM PRECISION LABS-PART OF YOUR COMPLETE POND MANAGEMENT APPROACH

The Cycle System™ is a proven performer in successful pond management strategies. The "System" utilizes super concentrated formulations of enzymes and naturally occurring bacteria strains, which have been specifically selected to help restore ponds to a more pristine condition by removing excessive levels of water column nutrients and sludge accumulation while improving water clarity.

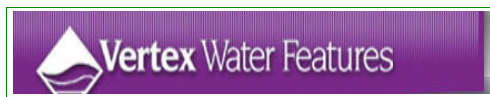
The Cycle System, consisting of Spectrum™, Devour™, True Blue™ and Jet Black™, is the most complete and cost effective biological tool for long-term improvement of water quality. ©

To complete the pond management system, Even-Spray has introduced the Vertex line of pond aeration and water fountain products. With treatment strategies from the Cycle System™ to control the accumulation of sludge plus the aesthetic appeal of an aeration fountain or the simplicity of diffused-air infiltration from Vertex, your pond systems will further enhance the aesthetic beauty of your property.





NEW PRODUCT FEATURE



ABOUT VERTEX

The technology leader in diffused-air lake aeration systems and custom floating fountains

- Proven designs.
- Quality construction.
- Rugged dependability – all provided for over 20 years.

Vertex manufactures aeration equipment including QuietAir™ cabinets, AirStation™ flexible-disk bottom diffusers and BottomLine™ self-weighted air hose.

Their floating fountain product line includes eleven standard water features plus custom display design ability up to 60 horsepower. Vertex products are sold and supported by an international network of qualified professional distributors.

Vertex manufactures pond aeration systems and floating fountains to improve the water quality and aesthetics of your pond, lake or practically any water body. The pond aeration pumps compressed air to bottom diffusers resulting in total water column aeration, circulation and destratification. Vertex pond aeration systems have been independently tested and are guaranteed to be the most efficient pond aerator you can buy.

Vertex floating fountains are available in 11 standard displays to accommodate various sized ponds and lakes and they will custom design a floating fountain as required depending on your water pump, display or pond and lake specifications. Vertex is the industry standard in custom floating fountains and pond aeration systems. Their professionals have been providing customers with quality aerators and fountains for many years. ©

AGGRESSOR PRO-THE CREEPING BENTGRASS BLEND EVERYONE IS TALKING ABOUT

AGGRESSOR PRO Bentgrass blend is a superior combination of two of the newest top rated bentgrass varieties in the golf industry today; **MacKenzie** (SRX 1GPD) and **TYEE** (SRX 1GD). Offering a wide range of climatic adaptability, boasts the broadest genetic diversity and unmatched durability. This blend has been specially formulated for greens use and will significantly improve the quality of putting greens. This enables the professional turf manager to attain the highest quality turf under varying maintenance conditions and environmental stresses.

AGGRESSOR PRO combines **MacKenzie** and **TYEE** to create a turf with a greater genetic base. **MacKenzie** was developed from bentgrass clones selected from high stress environments. In turf trials under reduced fertility, low

air movement, reduced fungicides, and heat stress, the progeny from three clones stood out. These progeny were placed as space plants and the plants that demonstrated aggressive lateral spread together with high density were used to create **MacKenzie**. **TYEE** was selected for extra density and extra performance in both summer and winter. No matter what season and volume of play **TYEE** withstands the pressure providing excellent performance. The density also helps keep *Poa annua* away. The original plants used to develop **TYEE** came from old, high stress, low maintenance golf courses. The progeny of these plants continued to show high performance in trials with heavy summer pressure and little air movement. Seed Research worked with Rutgers University to develop **TYEE** from these superior genetics. ©

“Why am I using a new putter? Because the last one didn’t float too well.”

Craig Stadler

“How did I make a twelve on a par 5 hole? It’s simple. I missed a four-foot putt for an eleven.”

Arnold Palmer

*Pickseed Canada and Even-Spray have provided a grow-in program for the new Poplar Ridge Golf Course in Onanole, Manitoba. Ryan Myers, Poplar Ridge’s Golf Course Superintendent, selected the **Aggressor Pro** creeping bentgrass blend for his new greens. According to Myers, “the **Aggressor Pro** blend had very rapid germination, I noticed it in 4 days. It has a thinner leaf blade than A4 and it filled in real quick. I am sure its going to provide a nice surface.” Poplar Ridge is slated to open in the summer of 2009.*



A “NEW” REGULATION—RE-ENTRY NOTIFICATION

Why are "re-entry times" important?

(What your golfers should be aware of)

Re-entry times are set to protect people against unnecessary exposure to pesticides from entering a treated area too soon after application without proper protective equipment.

Individuals may come into contact with pesticides after they have been applied to their target in a variety of ways including:

- Skin contact with dislodgeable residues from the treated surface
- Eye exposure from rubbing eyes with hands, a glove or clothing that is contaminated with pesticide residue
- Eye exposure to residual vapours, dusts or mists
- Inhalation of residual vapours, dusts or mists
- Accidental ingestion from eating without first washing hands or eating food that has been treated and not washed

Re-entry times are set to ensure that any remaining vapours, dusts or mists after application or pesticide residues that dislodge from the treated surface do not pose an unacceptable risk to human health.

For example if treated plants are touched before the re-entry time is up during work or play activities such as weeding, thinning, or brushing against plants while walking, some pesticide may be transferred to skin at levels that may pose a risk to human health (cause skin irritation). As well golfers on a golf course before the re-entry time is up may cause loose residues on plants and on the soil surface to “fly up” as a dust. The dust may settle on the person’s skin and/or be inhaled. People in very recently treated areas may also breathe fumes (vapours) from a recent pesticide application.

Be aware of spraying that neighbouring properties may be doing. A “solvent” smell or residue on the plant material may indicate a recent pesticide application or the indication that an application has “drifted” into the area.

Golf Course Superintendents will post *pesticide application notifications* prior to the actual application. Be sure to remain off the treated area for as long as indicated on the posting.



Posting “Re-Entry” Times

What Golf Course Superintendents Should be Aware Of:

REI’s or *restricted entry intervals* are on some pesticide labels. When a REI is on a label, the REI must lapse before people can re-enter a treated area. If people need to enter a treated area before this time has lapsed, they must wear protective equipment.

The pesticide label will say what protective equipment is needed.

Current pesticides are designed to be safe for humans provided that label directions, included REI restrictions, are followed. Always check the label for REI’s. Current pesticide labels are on the *Even-Spray* web site (www.evenspray.com) and can be accessed through the “*Labels / MSDS*” link on the web site.

Individual pesticides will have different REI’s since these compounds may have unique acute oral, dermal, or inhalation toxicity and potential for other adverse effects.



The same pesticide may have one or more REI’s based on different use rates, target plant, or post-application activity. For example, the REI for a bluegrass application could be 1 hour while the REI for a Bentgrass application could be 3 hours.

The type of post application work activity also affects the REI since the amount of human contact with treated foliage varies by activity. For example, a REI could be 7 days for pruning, but only 48 hours for irrigating.

The amount of rainfall can affect the REI and the REI may be longer in an area where there is less rainfall.

A general rule of thumb for re-entry times is to wait until the pesticide has had a opportunity to dry on the leaf surface. And, as always, check the product label for further information regarding the REI’s.

PCP Numbers—always looking for them, now you’ve found ‘em.

Spring also means having to fill out the **Pesticide Use Permit** and every year you search for those numbers. If the one you are looking for isn’t listed below, call our office or check out our web-site and look under the “Labels/MSDS” link.

<i>Acelepryn</i>	28980
<i>Aliette T&O</i>	27557
<i>Arrest 75W</i>	13431
<i>Avigon</i>	26452
<i>Banner Maxx</i>	27003
<i>Cadence WDG</i>	27496
<i>Compass 50WG</i>	27527
<i>Daconil 2787</i>	15724
<i>Daconil Ultrex</i>	28354
<i>Dursban Turf</i>	24945
<i>Eagle WSP</i>	26585
<i>Ecoclear</i>	25528
<i>Heritage Maxx</i>	28393
<i>Insignia</i>	28859
<i>Instrata</i>	28861
<i>Malathion 500EC</i>	4709
<i>Mecoprop</i>	10915
<i>Merit 75WSP</i>	25932
<i>Par III</i>	19810
<i>Polydex</i>	27770
<i>Premis 200F</i>	28387
<i>Primo Maxx</i>	26989
<i>Pro Fungicide X</i>	23494
<i>Pro Systemic</i>	16660
<i>Prox 120</i>	15565
<i>Pyrate</i>	23704
<i>Quintozene 75W</i>	11425
<i>Reward</i>	26271
<i>Rovral GT</i>	24379
<i>Scimitar</i>	28499
<i>Senator 70WP</i>	25343
<i>Sevin T&O</i>	26873
<i>Subdue Maxx</i>	27055
<i>Terraclor FF</i>	27691
<i>Terraneb SP</i>	10886
<i>Truban 30WP</i>	11460
<i>Vectobac 200G</i>	18158

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Even-Spray Annual Spring Seminar

CanadInns Windsor Park Inn

1034 Elizabeth Avenue, Winnipeg, Manitoba

Thursday, March 19th, 2009

8:00 a.m. to 3:00 p.m.

Guest Presenters Include:

John Bladon, Agronomist, Agrium Advanced Technologies

R. Marie Thorne, Senior Turf Specialist, Syngenta Crop Protection Canada Inc.

Paul Stevens, Pickseed Canada

Don Spiers and Dave Keating, Precision Labs

Mark your calendars for this "Don't Miss" annual event!



Agrium Advanced Technologies has opened a new fertilizer production facility in Courtright, Ontario, Canada. The plant, which is adjacent to an existing Agrium operation, will produce the company's controlled-release fertilizers with patented coating technology. The added annual capacity of 60,000 tons of slow- and controlled-release fertilizers allows the company to meet increased customer demand and serve customers with assured product availability at a lower freight cost, says Rod Oglesby, director of operations. ©

