GIVE IT A DIVOT!

PENNWAY BLEND IS A HIT IN DES MOINES WHERE SUMMERS ARE HOT AND MEMBERS DEMAND PERFECTION.

“...at Wakonda Club in Des Moines voted to replace their bluegrass/poa fairways with creeping bentgrass, I wasn’t certain of its availability. Leon Williams from Williams Lawn Seed assured me that he could get an adequate supply of Pennway blend from Tee-2-Green Corp. in Oregon. I knew Tee-2-Green for quality Penn products, but I wasn’t positive about Pennway. When I found that Pennway is 25% Oregon certified Penncross, 25% certified Penn eagle and 50% creeping bent also from Tee-2-Green, I elected to use it over other bent blends available.

After one year, our fairways look superb and the membership raves. With our maintenance program, we have had no problem with thatch buildup, and we find that Pennway requires less water than our old bluegrass/poa fairways ... an important factor considering our droughty summer. Pennway? Yes. Give it a divot!”

Nick Dunn, Superintendent, Wakonda Club, Des Moines, IA

Warren Bidwell is available to speak to your superintendents’ group about Penn bentgrasses. Call our toll free number for details. TEE-2-GREEN Corp., PO Box 250, Hubbard, OR 97032

Tee-2-Green Corp.
1-800-547-0255
FAX 503-981-5626
YOUR HEAD. We'll change your thinking about compact diesels. We designed these tractors to fit your body and your needs. That's what Ford quality is all about. We took the work out of operating a tractor so you could get more work done.

YOUR BACK. The contoured seat cushion and side pads provide lateral support to keep you comfortable and secure. Unique isomounts reduce platform vibration.

YOUR EARS. Less noise means less stress and a more productive you. Compared to previous models, we reduced the noise levels on Models 1120 through 1720 by as much as 25%.

YOUR EYES. With up-front controls and easy-read instruments, you can quickly see what you're doing and where you're going, regardless of the work being performed.

YOUR ARMS. For ease of operation, we've moved all controls within comfortable reach. That includes positioning the main shift lever and throttle next to the steering wheel. That puts an end to the stretching, bending and twisting exercises.

YOUR SEAT. The new, inclined seat track rises as it slides back, lowers as it slides forward. You get an ideal seat position that puts you close to the pedals, yet away from the wheel.

YOUR LEGS. With the new, clean deck, it's easy on, easy off. You have a clear path to the seat. No more transmission tunnel, shift levers or controls to get in your way.

Is your tractor built as well as a Ford?

Before we designed the new Ford compact diesels, we looked at how you were designed.
The Average Person's Idea Of Overpowering Allies.

Scott's TGR* Poa Annua Control has joined forces with the Penn Pals to help you win the war on Poa.

When you apply Scott's patented TGR Poa Annua Control to enemy-occupied territory, it weakens Poa annua, while Scott's controlled-release fertilizer helps surrounding bentgrass thrive and overtake the Poa.

On bentgrass fairways and greens, overseeding two weeks later with one of the Penn Pals (Penncross, Penneagle, Penn-Links or Pennway blend*) helps speed up

*Fairway use only.
The Scotts Tech Rep's Idea Of Overpowering Allies.

the transition to desirable turf. Soon you can stand astride lush fairways and greens and declare total victory. Your Scotts Tech Rep is ready, willing and able to help you plan your attack, and supply your TGR Poa Annua Control and creeping bentgrass needs.

For more information, contact your Scotts Tech Rep or simply call 1-800-543-0006.

Circle No. 137 on Reader Inquiry Card
On the cover: Tractors for landscapers, as seen by photographer Larry Kassell.

1 POCKET GUIDE
Landscape Management's, first pocket guide to versatility weed control, disease control and insect control.

30 COVER STORY: COMPACT TRACTORS
by Ken Moehle. Utility vehicles with selected attachments offer a more versatile machine you can use throughout the entire year.

36 SO DEMANDING
by Jeff Sobul and Jerry Roche. Seed harvests are up from 1987. But escalating demand will keep supplies short, if not non-existent, into 1989.

45 GROWTH REGULATORS FOR TREES AND SHRUBS
by Thomas J. Banko and Marcia Stefani. The further development of plant growth regulators may make them more applicable to landscaping.

50 ON DESIGN
WINTER OVERSEEDING
by A.R. Mazur. Switching from warm-season to cool-season turf and back again is no longer a matter of luck.

60 UTILITY VEHICLES
Some utility manufacturers are getting away from the one do it all vehicle to machines designed for specialized tasks. But by no means is it the end of the "do-everything" vehicle.
"We chose Triathalawn Tall Fescue for Deer Creek based on National performance trials for our region ...and some sound advice from Williams Lawn Seed."

Larry Hanks, VP Golf Operations; North Star Development Co., Inc. at Deer Creek, Overland Park, KS.

“When planning our World-class, Robert Trent Jones II designed golf course in the Kansas City area, we had to seriously consider our hot, dry summers. We simply could not leave the all-important turf areas to chance. Penncross bent was selected for the greens, zoysia for the tees and fairways, and tons and tons of Triathalawn blend was seeded into the roughs. Our tees, greens and fairways will receive adequate water, but we're counting on Triathalawn's deep-rooting to look good in the unirrigated areas ... especially around our stately trees.

Deer Creek is a privately owned course open for fee play. After observing how tall fescues handled the wear, shade and 1988 drought at neighboring private and public courses, we agreed that the new turf-types were up to the task. When it came to selecting a brand name, we picked Triathalawn blend, to make the very best of a real good thing.”
Developers learning to save trees

A few months ago, we used this space to sound a clarion call to all landscapers. Educate the public on the value of landscaping was the message. Now comes word that you’ve got yet another education job.

"A lot of native plants being destroyed by developers are irreplaceable," says John Stewart, a landscape architect with Brickman Industries, Long Grove, Ill.

Some developers are interested only in getting to a site, levelling everything, erecting a building or two, and getting off the site as quickly as possible. Stewart and other architects are the people responsible for filling up the vast wastelands, and he notes that a lot of material is going to waste.

"Sometimes the material is damaged on purpose, and sometimes by accident," he says. "But certainly more is being damaged than needs be."

At this point in the conversation, an image comes to mind of a huge, plodding machine scraping away everything in its path—trees, shrubs, topsoil, turf—and leaving in its wake a naked moonscape.

As early as possible, Stewart says, a site needs to be protected with snow fences and stakes to the drip line of trees. Conscientious landscape contractors and architects continue to do what they can to save these mighty oaks (and other specimens) from being devastated, “but sometimes our recommendations fall on deaf ears,” Stewart adds.

Stewart was quoted in a special feature article in the Chicago Tribune titled “Green power: Landscaping’s appeal grows.” In that article, reporter Elizabeth Hopp-Peters quotes Stewart as liking to specify trees 9 to 14 inches in diameter on new housing and commercial developments.

What Stewart and Hopp-Peters failed to say in that original article is that trees 9 to 14 inches in diameter ain’t cheap.

One developer referred to in the Tribune article actually re-routes roads and builds houses in different directions as those originally planned, in order to save existing trees and shrubbery. But if developments in our area are any indication, this particular developer is the exception and not the norm.

The message, then, that the industry should be conveying to developers is: Save the Trees.

Jerry Roche, editor
To insure the health of next year's turf, Fall fertilization with Par Ex® is your best policy. Fall is your root feeding season. The only time of year when the foundation of your turf can be expanded and strengthened with less competition from leaves for available carbohydrates.

IBDU: the only slow-release nitrogen source that doesn't rely on bacterial action or temperature. It is activated only through moisture (hydrolysis) to slowly release nitrogen all through the Fall and early Winter. Right up to the time the ground freezes, extending the greening of your turf much later than conventional slow-release fertilizers can. While it works to build a strong and healthy root and rhizome system in preparation for next year's Summer stresses.

Yes. You can buy a cheaper fertilizer this Fall. But don't expect it to perform when your turf cools down below 55° and microbial activity stops. Then, only Par Ex can really get to the root of the matter. And anything that doesn't is no bargain.

So call your Par Ex representative today and find out exactly how affordable Par Ex is. We guarantee you'll rest a lot more comfortably all year round.
GREEN INDUSTRY NEWS

GOLF COURSES

Wildflowers and mulch blankets cure woes of Evansville Country Club superintendent

The combination of wildflowers and mulch blankets has turned a nuisance area at the Evansville Country Club into an area of blooming colors.

The third tee at the Evansville Country Club is bounded by two steep slopes. The back slope faces a wooded area and is protected by ground cover. The side slope faces an adjacent fairway, in full view of the players. The side slope has been a continual maintenance problem for club superintendent Gary Shetler: too steep to mow, loose soil creating erosion problems.

To improve the area's appearance, a plan was developed to terrace the slope, using rip rap and grass on the flat areas.

Alan Juncker, a sales manager for North American Green, recommended the use of wildflowers and erosion control blankets. Shetler approved with the guarantee that the membership would be pleased with the results.

After preparing the seedbed last March, Juncker distributed a Midwestern wildflower blend covered with a S150 North American Green erosion blanket made of straw mulch with netting on both sides. Within several weeks, the wildflowers began emerging through the blanket cover. By early June, the wildflowers were in full bloom.

Shetler was so pleased with the results that he plans on using the same technique in other parts of the course next year.

LEGISLATION

EPA proposal could hinder landscapers

Proposed worker protection standards for using agricultural pesticides could be burdensome to lawn care companies and landscape management contractors. So says Martha Lindauer, director of communications for the Associated Landscape Contractors of America.

"They would impose a lot of burdensome tasks on the employer," says Lindauer, who has been following progress of the Environmental Protection Agency's proposed standards through public hearings.

Here are some of their provisions:

- Each worker must be trained under the provisions of the standard unless the person is a certified commercial or private applicator.
- No worker shall be allowed or directed to wear home pesticide-contaminated clothing.
- Soap and single-use towels and a clean change of clothing shall be made available at each decontamination site.
- No worker is permitted to enter or remain in an area during application unless the worker is involved in the application of the pesticide.
- No pesticide shall be applied so as to contact any worker directly or through drift.

Each worker shall be informed of the location of all information about pesticides at the workplace. All information shall be displayed in English and in the language of the workers.

Special standards have also been established for workers in nurseries and greenhouses.

For more information the EPA's proposed regulations, Lindauer invites interested parties, members and non-members alike, to call or write ALCA at 405 N. Washington St., Suite 104, Falls Church, VA 22046; (703) 241-4004.