**Tall fescue breakthroughs may eliminate overseeding**

**By Mark Leslie**

The golf industry stands at the edge of an age in which extraordinarily stress-tolerant tall fescue turfgrasses will be available and may eliminate the need for over-seeding in the South.

"What you're seeing is a brand-new era and a totally different germplasm base of new fescues that will come out [in the marketplace] in the next three, four, five years," said Dr. Ronny Duncan of the University of Georgia's Griffin Experimental Station. "We will have a whole new generation of stress-tolerant tall fescues that will perform over and above [current] material."

Duncan reports "significant advances" made "very fast" by breeders of tall fescues.

After just one cycle of breeding, Duncan has had "a hundred-fold improvement in adaptability to acid soil and stressful environments," he said. "It's like night and day."

"I'm already in the second cycle of breeding, and if I make half as much progress in the second cycle as in the first, we are really going to have some well-adapted material."

Duncan and other turfgrass breeders in the South are building on the great progress made in the transition zone by the long-standing research program of Dr. Reid Funk at Rutgers University in New Jersey.

Funk said "very much more" research is being done on tall fescues.

"With the development of turftype tall fescues, it was demonstrated we could make significant improvements in lower growth, better wear tolerance, finer leaves and more attractive appearance," Funk said.

"Current varieties are doing a superb job in much of California, a good job in areas that don't have extreme summer stress," he added. "They are doing an excellent job in Mediterranean climates of southern Europe."

Robinson said seeds being tested in China and Austria are "looking pretty good."

Tall fescue breeding programs have always been done north of Virginia and Maryland, Funk said. Robinson added that tall fescue research has progressed "very much more" in the past five years.

**Bottom line:**

*TGIF must sink or swim on its own*

**By Peter Blais**

Checking through requests in the Monday morning Turfgrass Information File (TGIF) message box:

- Any information on broadleaf weed control in the Northeast.
- Written justifications given to club boards of directors in requesting an outside architect to oversee course renovations.
- Information on the relationship between geotextile liners and bunker sand consistency.
- Examples of successful bioremediation techniques for maintaining golf course lakes and ponds without chemicals.
- Everything on basidiosomycetes — a fungal growth related to fairy rings.

This is the type of information superintendents, students, golf industry manufacturers and researchers commonly request from the ASPA.

**Golf Course News**

**MANTENENCE**

**POSTER PROGRAM AVAILABLE**

The Golf Course Superintendents Association of America has developed a campaign to educate the public about common misused aspects of course maintenance. Composed of a three-poster set, the campaign will inform golfers about aeration, application of fertilizers and chemicals, and golf car restrictions. "Effective communication with golfers is extremely vital to the success of a superintendent's operation," said GCSAA President Randy Nichols. "This poster series will be an important tool in achieving this success." Each poster includes an explanation of the topic and is UV-coated so the superintendent may write in a specific schedule or other information, and wipe it off for re-use. It was designed for use in the pro shop and/or locker room.

**GOOSE ROUND-UP**

The Colorado Department of Wildlife has tentatively planned its annual goose round-up to begin around the end of June. More information is available from master driver Dick Kingman, an associate member of the Rocky Mountain GCSA, at 303-470-8237.

**PESTICIDE HOTLINE CUT BACK**

The federal Environmental Protection Agency has announced it has reduced the hours for its toll-free hotline to the National Pesticides Telecommunications Network (NP Tin). The telephone hotline — 800-858-7288 — is now available from 8 a.m. to 6 p.m. Mondays through Fridays (Central Standard Time). It was previously a 24-hour, seven-day-a-week service.

**RUTGERS NEWSLETTER CANCELED**

Rutgers University's Cooperative Extension Service has canceled its Insect-Dissease-Weed Newsletter after two years of paid subscription service. People wishing to receive the information normally published in the newsletter should call the Extension's Bulletin Board Service at 201-579-8985.

**ASPA READIES CONFERENCE**

NASHVILLE, Tenn. — The American Soil Producers Association will conduct its Summer Convention & Field Days here, July 14-16, stressing credit and collection policies that can make or break a business. The event, centered at the Opryland Hotel, will include the educational program July 14, tours of the Thomas Bros. Grass Co. farming operation, and equipment demonstrations July 15 and 16. More information is available from the ASPA at 855-A Hicks Road, Rolling Meadows, Ill. 60008.

**Modifying spreaders, adding drains**

**By Terry Barchen**

**FERTILIZER SPREADERS**

We have modified our 36-inch stainless steel drop fertilizer spreader slightly so we can "see where we are going" while applying granular fertilizer and pesticide applications after the greens and tees have been mowed and/or the dew has left for the day. We used a Toro/Olathe Rake-O-Vac plastic sweeper "finger" that is folded in half and bolted near the bottom of each leg. As the person applies the granular materials, the plastic "fingers" lift up the turf enough so they know exactly how much to overlap for a near-perfect, skip-free application. The fingers have to be pushed back to their original shape occasionally to apply enough pressure to the turf surface. It works quite effectively when the turf surface is dry and seeing the wheel-overlap marks is difficult.

**CATCH BASINS**

We are fortunate to have a main line drainage system on most of our golf holes which consists of PVC sewer pipe ranging in diameter from six to 12 inches. At each low point in the fairways and roughs is a concrete vertical "catch basin" with a metal 18-inch removal grate on top. As each main line and lateral four-inch drain line connects into their respective catch basins, the hole made in the concrete is patched with an instant concrete mix.

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