Contact your nearest Bentgrass bred for golf courses include:

- SR 8200 Tall Fescue
- SR 3000 Hard Fescue
- SR 5000 Chewings Fescue
- Titan Tall Fescue
- Trident Tall Fescue
- SR 8200 Tall Fescue

For Additional Information

Contact your nearest Bentgrass
Marketing Group member for information.

Agrift 45 Dwight St.
Hatfield, MA 01038
(413) 441-5667

Arkansas Valley Seed Co.
4256 Colorado Blvd.
Denver, CO 80221
(303) 320-7530

Arthur Cheek, Inc.
543 Dien Dr.
Wheeling, IL 60090
(312) 537-2177

Chewings & Doggett Turfgrass
747 Blue Canes Rd.
Austin, TX 78746
(512) 293-2112

Les Green Seedsmen, Inc.
520 South Place
Wheeling, IL 60090
(312) 899-4275

Old Fox, Inc.
515 N. Main St.
Providence, RI 02909
(401) 436-5000

Pacific Horticultural Supply
17249 Valley Ave. East
Sunset, WA 98040
(206) 395-3037

Plant Goro Corp.
P.O. Box 140
San Jose, CA 95106
(408) 435-3322

Professional Turf Specialties, Inc.
133 Kantor Rd.
Chambersburg, PA 17201
(717) 767-3049

Smith Turf & Irrigation
P.O. Box 63518
Charlotte, NC 28265-9386
(704) 393-8870

Terra-Shield Company
480 Ewing Court
Park Ridge, IL 60068
(847) 906-1000

Wise & Quillans Seed Co.
6400 Rebecca St.
Tallahassee, FL 32304
(850) 385-7000

World Stevenson Seed Co.
P.O. Box 37
Cary, IL 60011
(847) 432-0508

(704) 393-8873

King of Prussia, PA 19406

The Terre Co.
488 Drew Court
King of Prussia, PA 19406
(215) 352-0591

Sweeney Seed Company
488 Drew Court
King of Prussia, PA 19406
(215) 352-0591

FOREIGN GROUP MEMBERS:

Australia 2147
(03) 258-8061

Turf cover manufacturers are expecting sales to increase this fall, especially at transi-
tional zone courses where last winter's record mercury drops well below the freezing mark

We've already seen a substantial sales increase in the Southeast because of the fears of
another cold winter," said Emory Hunter, sales manager with Washington-based Dau-
verenport Seed Corp., the manufacturer of Warren's Terra Shield turf cover.

Covers have 'little effect on direct low-temperature kill. But if the wind is blowing, they can help a lot.' — Professor John Roberts

The main protection is from the wind," the UNH professor said. "Covers have rela-
tively poor heat retention. They only keep the
turf between one and three degrees warmer
overnight, although that can increase to 10 to 15 degrees in the afternoon.

So if they have little effect on direct low-
temperature kill. But if the wind is blowing, they can help a lot.'

Ken Flesic, superintendent at The Wood-
camps in Falmouth, Maine, agrees. "They're
good to protect greens from desiccation. But I
don't think it helps with the ice (direct low
temperature kill) problem."

Still, the extra few degrees of warmth provided by Terra Shield "made the differ-
ce" at some Southern and transition zone courses last year, said Hunter.

They're especially helpful in the spring, when you go through those freeze-thaw cycles," he
added. "When the grass begins coming out of dormancy, water gets in the
tissue, freezes and ruptures the cell tissue.
The cover reduces the possibility of freez-
ing."

Covers are generally placed over greens in the late fall and removed about three weeks
after the snow melts. They must be securely
fastened to the ground to prevent wind from
getting underneath "or you can end up with
something that looks like a huge kite in the
nearest tree," said Anderson.

To hold down the cover, Reemay recom-
mends a 3/8-inch concrete bar laid around the exterior of the fabric. Cover and bars are
secured to the turf with U-shaped metal staples
passing through fabric and turf every two to three feet.

"That system has effectively held covers
down in winds over 45 miles per hour," Anderson said.

If not tightly fastened to the ground, today's synthetic covers shield greens from the dry-
ing effects of wind and cold while allowing beneficial sunlight, water and air to penetrate.

"If a superintendent fertilizes properly, the cover allows for quicker release of nitrogen
and quicker green-up in the spring," Roberts said.

According to Anderson, the additional warmth provided by covers on northern courses
gets grass growing between one and three weeks earlier than on uncovered greens in the spring.

"If you want to grow midseason turf the last
fall and early winter, improving their absorption of
systemic chemicals against diseases like snow mold,

Roberts said four or five covers on the market are very similar in performance. However, there
are no laws requiring a cover to meet certain criteria, as with pesticides.

"It costs about $500 for a (white) cover the size of
the average 6,000-square-foot green ($500 for the black cover), said Anderson. Terra Shield
also costs about $500 for the typical green, added
Hunter.

Covers last from three to five years if
stored properly out of the sun.

"Covers are not a panacea," said Roberts. "They're additional weapons in a
superintendent's arsenal. They are beneficial in
certain situations.

England duplicates student turf program

Top turf students from the United King-
dom and the Netherlands recently completed
the European Turf Care Seminar in Manchester, England.

Sponsored by Jacobsen Division of Textro-
and organized by the U.K's Institute of
Gazonmanagement, the program brought to-
gether 25 students for three days of intensive,
hands-on education.

As with its U.S. counterpart, Jacobsen's
Summit

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college students, the European pro-
gram allows students to learn from experts in
the students' field of study. This year's pro-
gram included lectures from the United
Kingdom's golf and sports turf industries as
well as field trips to horse racing's Haydock
Park Race Course and Manchester United's
soccer stadium.

Students were given an overview of the
U.K. golf industry, as well as field trips to
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