Pennncross performs on Desert Isle

Famous 17th green. PGA West, LaQuinta, CA

Pennncross not only survives, but thrives on all 18 greens at this innovative Pete Dye designed course.

You've seen this awesome 17th green in pictures, or maybe you've had the good fortune of playing this 147 yard challenge, but we're reasonably sure you didn't know that it's Penncross creeping bentgrass. Television announcers won't tell you and magazines don't print it, but the putting greens that have made more champions on some of the greatest courses in the world are Pennncross.

PGA West is a revolutionary new course with target greens, stadium spectator mounds and punishing hazards. Why would such an innovative designer use a strain of bentgrass that's been around for so many years? We maintain that there is no better all-around bentgrass anywhere!

Some people say that bentgrass won't survive the intense sunbelt heat. We have evidence to disprove that notion. Penncross, and its Penn Pal, Penneagle have grown in popularity on courses from California to Florida . . . where bermudagrass used to reign.

Pete Dye specified Penncross for this desert isle, as he did for his famous Sawgrass island green in Ponte Vedra, Florida. Penncross is no ordinary putting green grass . . . and Pete Dye is no ordinary designer.

Watch Pennncross perform in the Skins Game at PGA West, Nov. 29 and 30, 1986.

Pennncross, Penneagle and Pennway blend are "The Penn Pals"

*Pennncross is a tried and true cultivar developed by Professor Burt Musser at Penn State University and released in 1955.

Pennncross is marketed by TEE-2-GREEN CORP / PO Box 250, Hubbard, OR 97032 / 1-800-547-0255 / TWX 510-590-0957

Circle No. 163 on Reader Inquiry Card
Equipment
continued

Earl J Crane Inc
FXG Corp
Kay Park Rec Corp
Lesco Inc
Rugg Mfg Co
Salsco Inc
Smithco Inc
Standard Golf Co
Westheffer Co

Grass Pavers
Presto Products Inc
Turfgrass Products Corp

Greenhouses
Beck Greenhouse
Covers Unlimited
Son Shine Nursery

Greenhouse Covers
Arthur Enterprises Inc
Covers Unlimited
Leco Inc
Son Shine Nursery

Hose & Reels
Agrotec Inc
Ames Lawn & Garden Tool Co
Anchor Swan Div
Arborchem Products Co
Arizona Power Equipment Co
Arthur Enterprises Inc
Bowie Industries Inc
Broyhill Co
Chemilene Co

Coxwells Inc
Earl J Crane Inc
Encap Products Co
Ferguson Equipment & Supply
FMC Corp
Gilmour Mfg Co
Clifford B Hannay & Son Inc
International Reforestation Suppliers Inc
Kuker Industries Inc
Leco Inc
Melnor Industries
Moyer & Son Inc
Pex Inc
Power Spray Technology Inc
Pro-Turf Mfg Inc
RL Corp
Spraying Devices Inc
Strong Ent Inc
Swan Hose
Thermoguard Co
Thorco/Master Sprayers
Tuflex Mfg Co
Westheffer Co
Winkler Hydraulics

Insect Killers, Electrical
Chemilene Co
Devpro Insectocutor Div
Insect-O-Cutor Inc
Micron Corp
Vandermolen Corp

Irrigation, Drip
Aquatic Irrigation Systems Inc

Buckner Irrigation
Chemilizer Products Inc
Dayni Controls Mfg Co
Gilmour Mfg Co
James Hardie Irrigation
Hydro Rain
Rain Bird Sprinkler Mfg Corp
Raindrip Inc
Rain Jet
L J Rench & Co
O M Scott & Sons Co
Senninger Irrigation Inc
Son Shine Nursery
Submatic Irrigation Systems

Irrigation, Injection
John Blue Co
Chemilizer Products Inc
Hydroflo Corp
Jaeco Pump Co
Son Shine Nursery
Thorco/Master Sprayers
Westheffer Co

Irrigation, Mobile
Buckner Irrigation
Bunton Co
McCandliss Mfg Co
Fierce Corp
Puror Corp
Son Shine Nursery
Travelrain Sprinkler

**THE ORIGINAL IS BIGGER**

Bowie's new Lancer 500 brings perfection to originality. It has a 30% greater capacity than our Lancer 350, and can hydro-mulch a standard residential corner lot in less than an hour.

We perfected our Lancer 350—the first production Hydro-Mulcher® manufactured—because we weren't satisfied with originality. And today, professionals call Bowie Hydro-Mulchers the "landscaper's workhorse".

Both these Bowie Hydro-Mulchers are small enough to operate in tight places, yet large enough to handle big jobs easily. Both load quickly, mix instantly and pump rapidly—without clogs.

Call or write today for a Bowie Hydro-Mulcher brochure. The original just got bigger. It's always been better. Because Bowie is built to stay that way.

**BOWIE INDUSTRIES, INC.**

P.O. Box 931, Bowie, Texas 76230

Toll free 1-800-433-0934, in Texas call 1-817-872-2286 TELEX: 887844

Circle No. 107 on Reader Inquiry Card

82 WEEDS TREES & TURF/SEPTEMBER 1986
Castle Pines Golf Club, twenty minutes south of Denver, Colorado, will host the inaugural "International" this summer.

Grounds for Ransomes.

Getting ready for a PGA TOUR event is grounds for using the Ransomes Motor 180. This compact, lightweight ride-on triple provides exceptional maneuverability and ground-hugging stability, even on steep slopes. Available with floating head cutting units, the Motor 180 closely follows ground contours on undulating terrain like Castle Pines, and provides a superb finish to difficult areas. A golf course with the natural beauty of Castle Pines deserves to be kept looking and playing its best: a worthy challenge to a caring groundskeeper. And that's grounds for seeing your Ransomes Bob Cat distributor. Or call Ransomes, Inc., One Bob Cat Lane, Johnson Creek, WI 53038, (414) 699-2000.

RANSOMES

The grass machine.

Circle No. 156 on Reader Inquiry Card
From LESCO, the company that listens and responds to customer needs, comes a complete new line of small-particle sulfur-coated urea fertilizers.

Specifically designed for low-cut turf, the new ELITE fertilizers from LESCO provide many more particles per square foot than coarser-grade products that can cause speckling. That means consistent greening and a more uniform distribution pattern. In addition, the slow-release feeding provided by the sulfur-coated urea insures steady growth and long residual.

Shown is a half gram each of granular sulfur-coated urea fertilizer (−6/+16) and LESCO ELITE sulfur-coated urea fertilizer.

The chance of mower pickup is virtually eliminated with ELITE fertilizers because the new small particles readily filter into the turf.

Granular Sulfur-Coated Urea (−6/+16)

The chance of mower pickup is virtually eliminated with the new LESCO ELITE fertilizers.
And because LESCO manufactures its new ELITE fertilizers using sulfate of potash, there’s more plant-available sulfur and low potential for burn.

The fertilizer you’ve been waiting for is available now in six analyses: 21-0-16, 19-0-19, 15-0-30, 12-24-14, 21-4-12 and 31-0-0.

LESCO ELITE is available now in a variety of analyses.

To order the ELITE fertilizer that best fits your needs, call us toll free today.

(800) 321-5325  (800) 362-7413
NATIONWIDE  IN OHIO

Circle No. 251 on Reader Inquiry Card

LESCO ELITE Sulfur-Coated Urea
### Equipment

#### Irrigation Systems & Supplies
- Ag-Rain Inc
- AMETEK/Plymouth Prods Div
- AquaTurf
- BASF Corp
- Buckner Irrigation
- Earl J Crane Inc
- Dayni Controls Mfg Co
- Derna Engineering Co
- Gilmour Mfg Co
- James Hardie Irrigation
- Holly Filter
- Hunter Industries
- Hydroflo Corp
- Hydro Rain
- Irri-Trol Mfg Inc
- Jaeco Pump Co
- King Brothers Industries
- Laval Corp Claude
- Lesco Inc
- Long Mfg NC Inc
- Lumenite Electronic Co
- McDowell Mfg Co
- Motorola Electronic Command & Control Systems
- National Irrigation Specialists
- Pierce Corp
- Puror Corp
- Rain Bird Sprinkler Mfg Corp
- Rainbird Inc
- Rain Jet
- Rain-O-Mat Sprinklers Inc
- L J Rench & Co
- O M Scott & Sons Co
- Senniger Irrigation Inc
- Son Shine Nursery
- Submatic Irrigation Systems
- Telsco Industries (Weather-Matic)
- Thompson Mfg Co
- Toro Co Irrigation Div
- Travelrain Sprinkler
- United Farm Tools Inc

#### Landscape Design Kits
- American Stamp Co
- Rainbird Inc

#### Leaf Burners
- Bock Products

#### Lighting Systems
- Barebo Inc
- Earth Energy Systems Inc
- GTE Sylvania
- Little Giant Pump Co Sub Tecumseh Prods Co
- Musco Sports-Lighting Inc
- Westinghouse Electric Corp Lamp Div

#### Lightning Protection Systems
- Independent Protection Co

#### Litter Receptacles
- BigToys

#### Loaders
- American Trencher
- Ariens Co
- Arizona Power Equipment Co
- Atwater Strong Div
- Bingham Equipment Co
- Bombardier Inc
- Bomford & Evershed Ltd
- Bush Hog
- J I Case
- Caterpillar Tractor Co
- Charles Machine Works Inc
- Howard S Crane Inc
- Deere & Co
- Ford Tractor Operations
- Henderson Mfg
- Ingersoll Equipment Co
- International Harvester Co
- Kubota Tractor Corp
- Kuker Industries Inc
- Long Mfg NC Inc
- Melroe Co
- Multitek Inc
- New Holland
- Prentek Corp

#### Loading Ramps
- Arizona Power Equipment Co
- Earl J Crane Inc
- Giant Vac Mfg Inc
- Meicher Mfg Co
- Salsco Inc
- Worksafer Inc

#### Log Splitters
- Arizona Power Equipment Co
- Better Built Corp
- Bingham Equipment Co
- Buffalo Turbine Agricultural Equip Co
- Bush Hog
- J I Case
- Comanche Steel Products Inc
- Deere & Co
- Didier Log Splitters Mfg
- FXG Corp
- Giant Vac Mfg Inc
- Ingersoll Equipment Co
- Karl Kueblering Inc
- Lindig Mfg Corp
- Morbark Industries Inc
- MTD Products Inc
- Promark Products Inc
- Robush Engineering Co
- Sensation Div Gilson
- Siebring Mfg Co
- Son Shine Nursery
- Vermeer Mfg Co
- Winkler Hydraulics

#### Markers, Field
- Best Way Inc
- B & G Equipment Co
- Laurie Carlson & Assoc Ltd
- Fox Valley Systems Inc
- International Reforestation Suppliers Inc
- Lesco Inc
- Pioneer Mfg Co
- Precision Laboratories Inc
- Richway Industries Ltd
- Smithco
- Sorensen Sprayers Inc
- Westheffer Co

#### Measuring Wheels
- Gandy Co
- Lesco Inc
- Pro-Turf Mfg Inc
- Westheffer Co

#### Mist Blowers
- Arizona Power Equipment Co
- Broyhill Co
- Buffalo Turbine Agricultural Equip Co
- Howard S Crane Inc
- Echo Inc
- Ferguson Equipment & Supply
- FMC Corp
- Friend Mfg Corp
- Green Machine Div HMC
- Karl Kueblering Inc
- RL Corp
- Root-Lowell Corp
- Solo Inc
- Tanaka USA
- Trebor Corp
- Vandermolen Corp
- Westheffer Co

#### Moisture Sensors
- Dayni Controls Mfg Co
- James Hardie Irrigation
- Hinds International Inc
- International Reforestation Suppliers Inc
- Karl Kueblering Inc

#### Mower Accessories
- Arizona Power Equipment Co
- Bomford & Evershed Ltd
- Earl J Crane Inc
- Cushman-Ryan/OMC Lincoln
- Deere & Co
- Jacobsen Div Textron Inc
- Lesco Inc
- Orbex Inc
- Power Lawnmower Parts Inc
- Simplicity Mfg Inc
- Smithco
- Snapper Products Equipment
- Toro Co Commercial Prods Div
- White Outdoor Products Co
- Woods Div Hesston Corp
OK, Doug. What is it about Scotts new ProTurf 22-0-22 NK Fairway Fertilizer that makes it a high quality product?
"We use only top quality ingredients. All the potassium is in the form of potassium sulfate. The nitrogen is balanced between quick- and slow-release forms. And each high-density particle is homogeneous... providing a consistent feeding."

What does that mean on a fairway? "Several things—quick greenup, a greening effect that lasts up to two months, even distribution of nutrients. Also, less chance of burning turf, the addition of sulfur to the soil, and no chloride salts."

And you say it's designed for fairways? "Yes. It's composed of large particles that throw a wide, even swath from a rotary spreader."

What benefits do I get from a high potassium feeding? "It's been shown that potassium will enhance turfgrass performance — better drought hardiness, improved disease resistance, more tolerance to wear, things like that. And studies on bermudagrass attribute reduced winterkill to high potassium."

Sounds like it would be hard to go wrong with ProTurf 22-0-22 NK Fairway Fertilizer. "That's right. It can be applied any time, and it's very versatile, too. You can use double rates spring and fall in the north and all summer in the south. Half rates are great for cool season grasses during the hot summer months."

Can you sum all that up, Doug? "ProTurf 22-0-22 NK Fairway Fertilizer is a great program complement to our regular Fairway Fertilizer at 32-3-10 and our High K Fairway Fertilizer at 15-0-30."


Circle No. 149 on Reader Inquiry Card

"Superintendents have been talking about a high quality 1-0-1 product designed for fairways. We've been listening."

Doug Horn, Scotts Research project leader (Fertilizer R&D), talks about new ProTurf 22-0-22 NK Fairway Fertilizer.
The Hannay Series 1500 Spray Reel

Whether you drive a custom-built truck or a pickup with a skid unit, or tow a trailer, the Hannay 1500 is the reel for your wheels. Professionals in lawn maintenance and pest control demand the day in, day out reliability of Hannay Reels. The smooth payout, the precise windup and the all-around convenience. Plus efficient storage that reduces wear on the hose and subsequent repair and replacement costs. Not only that, but chances are your Hannay Reel will last longer than your truck!

No matter what the size of your business, if you use hose, you need Hannay Reels. For more information on Hannay Reels or for a free Series 1500 feature sheet, circle the number below or call Hannay Reels today.
New generation perennial ryegrasses provide 'near perfect' playing surface . . . prove older ryegrass varieties to be passé

PASADENA, CA - When the field turf management team for the Rose Bowl specified the perennial ryegrass blend to overseed the 1986 Classic, they chose Ferry-Morse Gold Tag Brand, a blend of Citation II, Birdie II and Manhattan II ryegrasses produced by Turf-Seed, Inc.

To meet demanding time and performance constraints, they opted to use this blend of genetically improved ryegrasses based on performance in prior testing against other varieties and combinations. Gold Tag Blend germinated and established quickly, producing a dark green, durable playing surface that enhanced the playing field graphics and the proud heritage of the Rose Bowl itself.

Based on comments and accolades bestowed in 1986, the turf management team anticipates the use of genetically improved ryegrasses like Citation II, Birdie II and Manhattan II, and Gold Tag Blend in the future.

And it looks like a very bright future, indeed.
Equipment
continued

F D Kees Mfg Co  J A Casel Mfg Co
Kubota Tractor Corp  Conwed Corp
Kut-Kwick Corp  Covers Unlimited
Lawnboy Prod Group  Delmarva Textile Co
Long Mfg NC Inc  Eaton Brothers Corp
Magic Circle Corp  International Reforestation Suppliers Inc
Massey-Ferguson  Son Shine Nursery
Middleworth Engineering & Mfg Inc
MoTrim Inc
MTD Products Inc
Ransomes Inc
Ryan Turf/OMC Lincoln
Sarlo Power Mowers Inc
Scag Power Equipment Inc
Simplicity Mfg Inc
Smithco Inc
Smithco
Snapper Products Equipment
Solo Inc
Steiner Corp
Toro Co Commercial Prods Div
Tradewinds Inc
Turner International Eng Ltd
United Farm Tools Inc
Vandermolen Corp
Vicon Farm Machinery Inc
Walker Mfg Co
Wheel Horse Products Inc
White Outdoor Products Co
Woods Div Hexston Corp
Yazoo Mfg Co

Mowers, Sickle Bar

Alamo Group
Arizona Power Equipment Co
Bingham Equipment Co
Earl J Crane Inc
Deere & Co
Gravely International Inc
Haban Mfg Co
International Harvester Co
Kinco Mfg
MoTrim Inc
Sensation Div Gilson
Solo Inc
Vermeer Mfg Co

Mowers, Sickle Bar

Arizona Power Equipment Co
Bingham Equipment Co
Earl J Crane Inc
Deere & Co
Gravely International Inc
Haban Mfg Co
International Harvester Co
Kinco Mfg
MoTrim Inc
Sensation Div Gilson
Solo Inc
Vermeer Mfg Co

Mullchers, Hydraulic

Arizona Power Equipment Co
Bingham Equipment Co
Bomford & Evershed Ltd
Bowie Industries Inc
Deere & Co
Finn Corp
Goossen Industries
Medallion Div
Reinco Inc
Thermoguard Co
Weldco (WA) Inc

Net Layers

American Excelsior Co

Plants & Trees

American Excelsior Co

Post Drivers

McMillen Div
Rhino Sales Corp
Shaver Mfg Co
Worksaver Inc

Post Hole Diggers

McMillen Div
Rhino Sales Corp
Shaver Mfg Co
Worksaver Inc