

Penncross performs on Desert Isle

Famous 17th green, PGA West, LaQuinta, CA

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

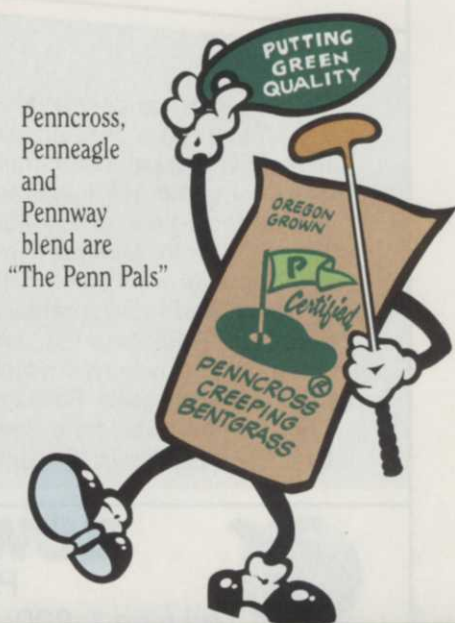
You've seen this awesome 17th green in pictures, or maybe you've had the good fortune of playing this 147 yard challenge, but we're reasonably sure you didn't know that it's Penncross creeping bentgrass. Television announcers won't tell you and magazines don't print it, but the putting greens that have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

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 Penncross perform in the *Skins Game* at PGA West, Nov. 29 and 30, 1986.



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

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

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
Lesco 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
Lesco 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
McDowell Mfg Co
Pierce Corp
Puror Corp
Son Shine Nursery
Travelrain Sprinkler

HYDRO



MULCHER

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



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

Introducing

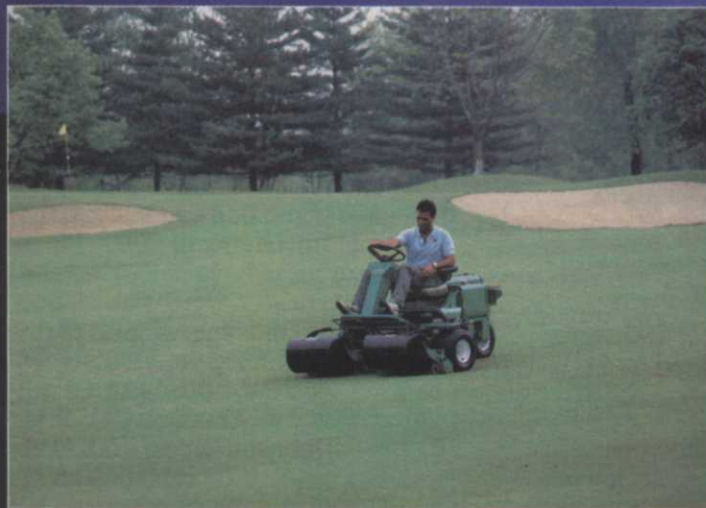
From LESCO, the company that listens and responds to customer needs, comes a complete new line of small-particle sulfur-coated urea fertilizers.

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.

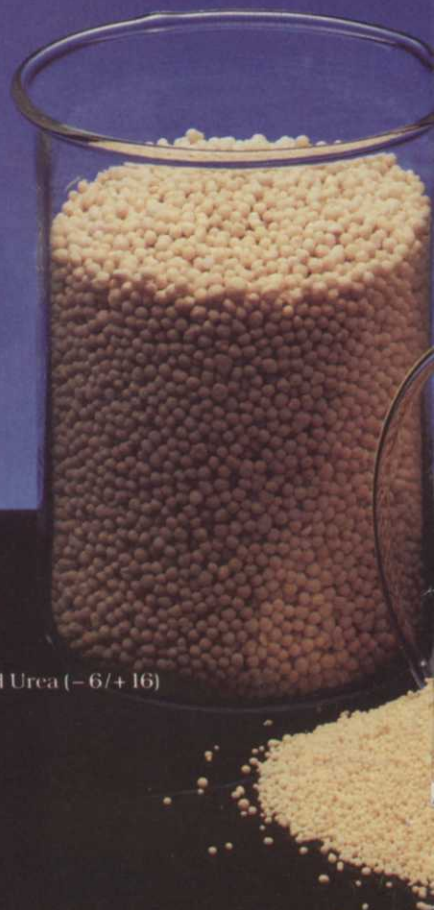


Shown is a half-gram each of granular sulfur-coated urea fertilizer (-6/+16) and LESCO ELITE sulfur-coated urea fertilizer.

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



The chance of mower pickup is virtually eliminated with the new LESCO ELITE fertilizers.



Granular Sulfur-Coated Urea (-6/+16)

LESCO

ELITE

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.



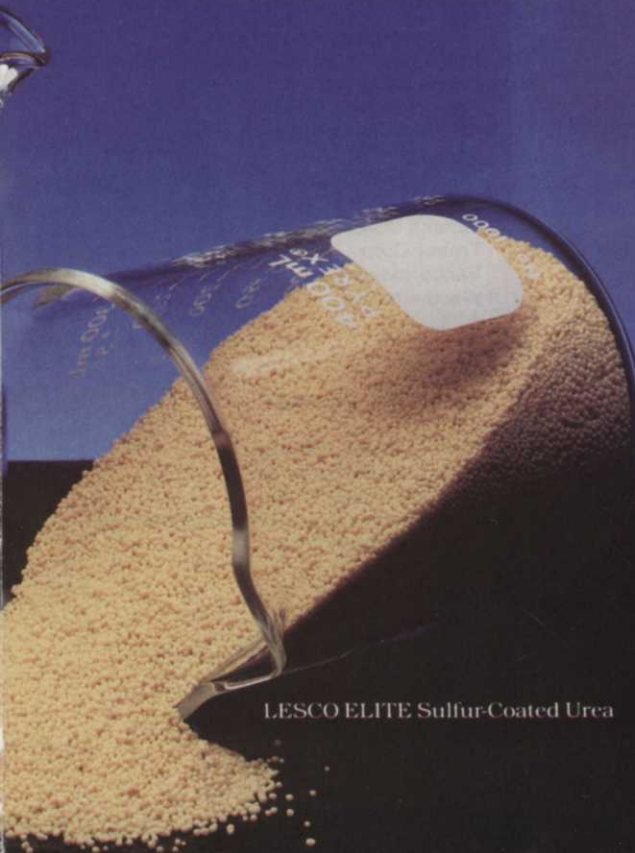
LESCO ELITE is available now in a variety of analyses.

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

(800) 321-5325
NATIONWIDE

(800) 362-7413
IN OHIO

Circle No. 251 on Reader Inquiry Card



LESCO ELITE Sulfur-Coated Urea

LESCO

LESCO, Inc., 20005 Lake Road, Rocky River, Ohio 44116 (216) 333-9250

Equipment

continued

Irrigation Systems & Supplies

Ag-Rain Inc
AMETEK/Plymouth Prods Div
AquaTurf
BASF Corp
Buckner Irrigation
Earl J Crane Inc
Dayni Controls Mfg Co
Dema 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
Raindrip Inc
Rain Jet
Rain-O-Mat Sprinklers Inc
L J Rench & Co
O M Scott & Sons Co
Senninger 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
Raindrip 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

Clean City Squares Inc
Friend Mfg Corp
Kay Park Rec Corp
Landscape Structures Inc
Lesco Inc
Miracle Recreation Equipment Co
Standard Golf Co

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
Melcher Mfg Co
Salsco Inc
Worksaver 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 Kuemmerling 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 Kuemmerling Inc
RL Corp
Root-Lowell Corp
Solo Inc
Tanaka USA
Trebort Corp
Vandermolen Corp
Westheffer Co

Moisture Sensors

Dayni Controls Mfg Co
James Hardie Irrigation
Hinds International Inc
International Reforestation Suppliers Inc
Karl Kuemmerling 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."

For more information on Scotts new ProTurf 22-0-22 NK Fairway Fertilizer, call your ProTurf Tech Rep. Or call Scotts direct at 800-543-0006. In Ohio, call collect (513) 644-2900.

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.



Equipment

continued

Mower Parts

Arizona Power Equipment Co
Buck Haven
Bunton Co
Earl J Crane Inc
Cushman-Ryan/OMC Lincoln
Haban Mfg Co
International Harvester Co
Jacobsen Div Textron Inc
Kut-Kwick Corp
Lawnboy Prod Group
Lesco Inc
Massey-Ferguson
MoTrim Inc
MTD Products Inc
Orbex Inc
Power Lawnmower Parts Inc
Ransomes Inc
Scag Power Equipment Inc
Snapper Products Equipment
Toro Co Commercial Prods Div
Vrisimo Mfg Co
White Outdoor Products Co
Woods Div Hesston Corp
Yazoo Mfg Co

Mowers, Flail

Alamo Group
Arizona Power Equipment Co
Bingham Equipment Co
Bomford & Evershed Ltd

Bush Hog
Howard S Crane Inc
Edwards Equipment
Ford Tractor Operations
Gravely International Inc
Haban Mfg Co
Henderson Mfg
International Harvester Co
Jacobsen Div Textron Inc
Mathews Co
Middlesworth Engineering & Mfg Inc
MoTrim Inc
Mott Corp
Toro Co Commercial Prods Div
Turner International Eng Ltd
Vrisimo Mfg Co
Woods Div Hesston Corp

Mowers, Reel

Arizona Power Equipment Co
Brouwer Turf Equipment Ltd
Earl J Crane Inc
Jacobsen Div Textron Inc
Jerry Clipper
Kinco Mfg
Lesco Inc
Locke Mfg Inc
MTD Products Inc
National Mower Co
Ransomes Inc
Roseman Mower Corp

Toro Co Commercial Prods Div
Turner International Eng Ltd

Mowers, Rotary

Alamo Group
American Honda Motor
Ariens Co
Arizona Power Equipment Co
Bingham Equipment Co
Bombardier Inc
Bunton Co
Bush Hog
J I Case
Earl J Crane Inc
Howard S Crane Inc
Cushman-Ryan/OMC Lincoln
Deere & Co
Edwards Equipment
Excel Industries Inc
Exmark Mfg Co
Ford Tractor Operations
Giant Vac Mfg Inc
Grasshopper Co
Gravely International Inc
Grazer Div Willsey-D Inc
Haban Mfg Co
Heckendorn Mfg Co
Henderson Mfg
Homelite Div Textron Inc
Ingersoll Equipment Co
International Harvester Co
Jacobsen Div Textron Inc

The Reel for Your Wheels



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.



Circle No. 131 on Reader Inquiry Card

CLIFFORD B. HANNAY & SON, INC., 600 EAST MAIN STREET
WESTERLO, NEW YORK 12193 • TELEPHONE (518) 797-3791

CITATION II • BIRDIE II • MANHATTAN II FERRY-MORSE GOLD TAG BRAND COVERS THE 1986 ROSE BOWL



The Rose Bowl at Pasadena, CA, January 1, 1986

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

The field still looked terrific the day after the game



oversee 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.

Citation II, Birdie II and Manhattan II are products of



PO Box 250, Hubbard, OR 97032
503/981-9571 TWX 510 590 0957

Gold Tag Brand is a product of



Ferry-Morse Seed Co.

PO Box 4938, Modesto, CA 97352
In California, 1-800-572-SEED
209/ 579-SEED

2120 Via Burton, Anaheim, CA 92806
714/ 774-5460

600 Stephen Beale Dr., Fulton, KY 42041
1-800-626-3392 502/ 472-3400

Circle No. 171 on Reader Inquiry Card

Equipment

continued

F D Kees Mfg Co
Kubota Tractor Corp
Kut-Kwick Corp
Lawnboy Prod Group
Long Mfg NC Inc
Magic Circle Corp
Massey-Ferguson
Middleworth Engineering & Mfg Inc
MoTrim Inc
MTD Products Inc
Ransomes Inc
Ryan Turf/OMC Lincoln
Sarlo Power Mowers Inc
Scag Power Equipment Inc
Sensation Div Gilson
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 Hesston 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

Mulchers, 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

Netting

American Excelsior Co

J A Cissel Mfg Co
Conwed Corp
Covers Unlimited
Delmarva Textile Co
Eaton Brothers Corp
International Reforestation Suppliers Inc
Son Shine Nursery

Nozzles & Accessories

Arizona Power Equipment Co
B & G Equipment Co
Broyhill Co
Buckner Irrigation
Chemilene Co
Delavan Corp
Encap Products Co
Ferguson Equipment & Supply
FMC Corp
Friend Mfg Corp
Gilmour Mfg Co
James Hardie Irrigation
Hydro Rain
Hypro Div Lear Siegler Inc
Kuker Industries Inc
Lesco Inc
Liqui* Lawn Corp
Melnor Industries
Micron Corp
Pex Inc
Power Spray Technology Inc
Pro-Turf Mfg Inc
D B Smith & Co
Son Shine Nursery
Sorensen Sprayers Inc
Spraying Devices Inc
Strong Ent Inc
Thorco/Master Sprayers
Tri-Con Inc
Westheffer Co

Patio & Walkway Materials

Ozark Landscaping Products

Picnic Tables

American Playground Device Co
Architectural Precast Inc
BigToys
Columbia Cascade Lumber Co
Kay Park Rec Corp
Miracle Recreation Equipment Co
Playworld Systems
Trojan Playground Equipment Mfg Co

Pipe

Advanced Drainage Systems Inc
Comanche Steel Products Inc
Hancor Inc
Lesco Inc
Pro-Turf Mfg Inc
Son Shine Nursery
Westheffer Co

Planters

Architectural Precast Inc

BigToys
Bouldin & Lawson Inc
Clean City Squares Inc
Deep Root Corp
Deere & Co
Ellis Mfg Co
International Harvester Co
Lesco Inc
Miracle Recreation Equipment Co
L J Rench & Co

Plants & Trees

L J Rench & Co
Son Shine Nursery

Play Structures

American Playground Device Co
BigToys
Columbia Cascade Lumber Co
Delmer F Harris Co
Landscape Structures Inc
Miracle Recreation Equipment Co
Playworld Systems
Trojan Playground Equipment Mfg Co

Plows, Sand Trap

Steiner Corp
United Farm Tools Inc

Pools, Decorative

L J Rench & Co

Post Drivers

McMillen Div
Rhino Sales Corp
Shaver Mfg Co
Worksaver Inc

Post Hole Diggers

Allegheny International Hardware Group
Ames Lawn & Garden Tool Co
Arizona Power Equipment Co
Bingham Equipment Co
Bush Hog
Howard S Crane Inc
Feldmann Engineering & Mfg Co
Ford Tractor Operations
Hoffco Inc/Comet Industries
Karl Kuemmerling Inc
Massey-Ferguson
McMillen Div
Rhino Sales Corp
Don Savage Co
Seymour Mfg Co
Shaver Mfg Co
Solo Inc
Tanaka USA
Union Fork & Hoe Co
Worksaver Inc