BLUEGRASS QUALITIES WITH TALL FESCUE PRACTICALITY

You'll quickly notice Mustang's finer texture, rich dark green color and dense, uniform turf—and you'll understand why we say Mustang has bluegrass-like qualities.

But there's more to Mustang turf-type tall fescue than beauty; it's tough and durable. It's heat and drought tolerance, winter hardiness, and ability to endure low mowing heights are remarkable. Mustang even shows improved resistance to Helminthosporium netblotch and many other diseases.

Best of all, Mustang is practical, because it performs extremely well under low maintenance conditions like minimum fertilization, watering and mowing. National tests and actual applications in parks, golf courses and playing fields have proven it.

That's why Mustang is becoming the favorite choice of professional turf managers, over K-31 and many other commercially available varieties.

For bluegrass qualities and tall fescue practicality, use the professional's choice—Mustang turf-type tall fescue.
Seed Companies

continued

Bamert Seed Co
Rte 3 Box 1102
Muleshoe TX 79347
806-272-5506
800-262-9892
Other: native grasses

E F Burlingham & Sons
PO Box 217
Forest Grove OR 97116
503-357-2141

Fescues: (Tall) Jaguar, Jaguar II

Cenex/Land O Lakes Ag Services
2892 Howell Prairie Rd NE
Salem OR 97305
503-565-7033

Perennial Ryegrasses: Tiitlist; Fescues: Bonanza Turf-type (Tall); Turfseed Mixes or Blends: Magnum Brand Perennial Ryegrass; Other: various public and proprietary varieties available in straight or mixed forms

Fine Lawn Research Inc
PO Box 290
Madison GA 30650
503-626-6200

Kentucky Bluegrasses: Chateau; Perennial Ryegrasses: Pennant; Fescues: Finelawn & Jaguar Turf Type Tall; Turfseed Mixes or Blends: Triple Play Perennial Rye Blend

Garfield Williamson Inc
Proform Turf Products Div
9 Stewart Pl
Fairfield NJ 07006
201-882-7755
800-435-5296
Kentucky Bluegrasses: Liberty, Eclipse, Midnight, Classic; Perennial Ryegrasses: Omega II, Saturn, Genesis, Pinnacle, Emperour, (Hard) Pioneer, (Creeping)

Lotus, Enyslva Turfseed Mixes or Blends: Proform Triple Classic Turf Rye Blend (Omega II, Manh. II, Citation II) Proform super Sport Turf (Jaguar, Bonanza TFF; Omega II PR: Liberty KB) Proform Deep Shade Other: Proform Wildflower Mixture, Proform Native & Reclamation Grass Mixtures, Proform sod Bluegrasses Mixtures.

Great Western Seed Co
810 Jackson St
Albany OR 97321
503-928-3100

Kentucky Bluegrasses: Barblue, Baron, Georgetown, Majestic, Mystic, Nassa, Princeton (P1044), Ram I, 1757; Perennial Ryegrasses: Cowboy, Diplomat, Palmer, Preudel, Repell, Yorktown II; Fescues: Clemfine Tall, Jamestown Chewings, Rebel Tall, Rebel II Tall, Reptans Creeper, Tribute Tall, Wilma Chewsings; Bentgrasses: Astoria, Highland, Penncross, Penneagle, Pennlinks; Turfseed Mixes or Blends: All of the above: Other: Agree Intermediate Ryegrass

Jonathan Green & Sons Inc
Squaknum-Yellowbrook Rd
PO Box 326
Farmingdale NJ 07727
201-938-7007

International Seeds Inc
820 First St
Halsey OR 97348
503-369-2251
TWX: 9-10-240-5575
Kentucky Bluegrasses: Ikone Fescues: Houndog & Pace Tall; Fine fescues: Enjoy & Longfellow Chewings, Enyslva & Cindy Creeping Bentgrasses: Emeral, Cobra Rough Bluegrass: Sabre Turfseed Mixes or Blends: PHD & PHD & Sabre, Dixie Green, Dixie Green with Sabre, Pennneagle, Penneway Blend, Seaside; Turf Seed Mixes or Blends: LESCO: Classic Turf (KY Bluegrasses, Perennial Ryegrass & Chewings), Quality Blue (KY Bluegrasses), Double Eagle-CBS II (Perennial Ryegrasses), Eagle (Turf-Type Perennial Ryegrasses), Premium (KY Bluegrasses, Perennial Ryegrasses), Park & Athletic Mix (Kentucky Bluegrass, Creeping Red Fescue, Turf-Type Perennial Ryegrass), Shade Mix (Chewing & Creeping Fescues, Perennial Ryegrass, Hard Fescue, KY Bluegrass), Transition (Turf-Type Tall Fescues), Tuf-Turf (Turf-Type Tall Fescues & KY Bluegrass), Citiation II + Pennfine (Perennial Ryegrasses), CBS II + Shadow (Double Eagle & Fescue), CBS II & Sabre (Double Eagle & Sabre Poa trivialis), Par Blend (Turf-Type Perennial Ryegrasses), 3CN Intermediate Ryegrass (Annual & Perennial Ryegrasses)

Jacklin Seed Co
W 5300 Jacklin Ave
Post Falls ID 83854
208-773-7581
Kentucky Bluegrasses: Glade, Fylking, Wabash, Eclipse, Nassau, Nugget, Ram I, Huntsville, Merion, Amazon, Adelphi; Perennial Ryegrasses: All *Star; Fescues: Arid Turf-Tall Tall, Safe Endophyte Free Tall, Wrangler Turf-Type Tall Bentgrasses: Putter Creeping; Turfseed Mixes or Blends: Four Star Sod Blend; Other: Stracker Redtop, Rebuns, Canada Bluegrass

LESCO Inc
20005 Lake Rd
Rocky River OH 44116
216-333-9250
800-321-5325
800-686-7413(CH)
Kentucky Bluegrasses: Adelphi, Aspen, Aqua, Parade, Rugby, Trenton; Perennial Ryegrasses: Caddie, Delray, Goalie, NK200, Pennfine; Fescues: Arid tall, Dawson red, Ruby creeping red, Scalids hard, Galway tall; Bentgrasses: Highland, Penncross, Penneagle, Seaside; Turfseed Mixes or Blends: Athletic Pro, Athletic Pro II, Overseeder II, Overseeder III, Renovator Pro, Special Pack, Permier Turf, Swift & Sure, Premium Sod, Shady Turf, Medalist North, Landscape Pro, Boulevard Mix, Super Pro III, General Turf, General Turf III, Landscape Pro West, Alkali Turf Mix, Triple Pro, Medalist 7, Medalist 6, Medalist 5, Medalist 7+Sabre, Accent, Medalist 300, Medalist 400, Medalist 400+Sabre, Medalist 60/40; Other: Folts Puccinellia distans

Medalist Turf Products Div
PO Box 146
Bound Brook NJ 08805
201-560-1590
Kentucky Bluegrasses: Baron, Nassa, Ram I, Georgetown, Mystic; Perennial Ryegrasses: Palmer, Prelude, Cowboy, Yorktown II, Repell, Diplomat; Fescues: Jamestown Chewings, Rebel, Reliant Hard, Rebel II, Tribute Tall; Turfseed Mixes or Blends: Marvelgreen overseeding blends; Other: Laser Poa trivialis

Northrup King
Medalist Turf Products Div
PO Box 959
Minneapolis MN 55440
612-593-7333
Kentucky Bluegrasses: Adelphi, Aspen, Aquila, Parade, Rugby, Trenton; Perennial Ryegrasses: Caddie, Delray, Goalie, NK200, Pennfine; Fescues: Arid tall, Dawson red, Ruby creeping red, Scalids hard, Galway tall; Bentgrasses: Highland, Penncross, Penneagle, Seaside; Turfseed Mixes or Blends: Athletic Pro, Athletic Pro II, Overseeder II, Overseeder III, Renovator Pro, Special Park, Permier Turf, Swift & Sure, Premium Sod, Shady Turf, Medalist North, Landscape Pro, Boulevard Mix, Super Pro III, General Turf, General Turf III, Landscape Pro West, Alkali Turf Mix, Triple Pro, Medalist 7, Medalist 6, Medalist 5, Medalist 7+Sabre, Accent, Medalist 300, Medalist 400, Medalist 400+Sabre, Medalist 60/40; Other: Folts Puccinellia distans

Oregon Fine Fescue Commission
866 Lancaster Dr SE
Salem OR 97302
503-364-3346
208-773-7581

* Advertiser. See Advertiser’s Index
Some dealers are offering you a deal to take something they call Manhattan off their hands.

THE REAL BAG

Manhattan Ryegrass Growers Association has the exclusive contract to produce Manhattan and Manhattan II perennial Ryegrasses. These select seed growers have not produced the old Manhattan strain for years, so much of what is being produced as Manhattan is probably not true Manhattan.

The improved certified Manhattan II, co-developed by Dr. Bill Meyer at Pure Seed Testing and Dr. C. Reed Funk has significant improvements over the old Manhattan ... like rust and disease resistance, darker green color and better plant density.

So what is their stuff? We know it bypasses seed certification and royalty programs. And, because it's not certified, we have no way of knowing just what's in the bag.

And neither do you.

Qualified turf associations can earn cash for turf research by saving Manhattan II blue tags. Contact your dealer for details.

If it's not Certified Manhattan II, it's not 'such a deal' after all.

If it's not Certified Manhattan II, it's not 'such a deal' after all.

Turf Merchants, Inc.
33390 Tangent Loop Road
Tangent, OR 97389
800-421-1735  FAX 503-926-4435
(503) 926-8649  TWX 910-997-0773

Turf-Seed, Inc.
P.O. Box 250 • Hubbard, OR 97032
800-247-6910  FAX 503-981-5626
503/ 981-9571  TWX 510-590-0957
**Seed Companies continued**

Perennial Ryegrasses: all Oregon Ryegrasses; Other: Annual Ryegrasses

★ Oregon Tall Fescue Commission
866 Lancaster Dr SE
Salem OR 97301
503-585-1157
210 Wanless Dr
OSECO Inc
Salem OR 97301
503-926-8886

Kentucky Bluegrasses: Baron, Gnome, Haga, Majestic, Midnight, Nassau, Sydsport Reubens Canada; Perennial Ryegrasses: Barry, Yorktown II, Palmer, Gator, Fescues: Billart hard, Fortress creeping red, Highlight, Koket & Wilma chewings, Rebel & Rebel II tall; Bentgrasses: Emerald, Penncross, Penneagle; Turfseed Mixes or Blends: Custom mixed from aforementioned species

Pennfine Perennial Ryegrass
PO Box 959
Minneapolis MN 55440
612-593-7333

Perennial Ryegrasses: Pennfine
Peterson Seed Co
PO Box 346
Savage MN 55378
612-445-2606

Kentucky Bluegrasses: Monopoly, Classic & Eclipse
Otto Pick & Sons Seeds Ltd
11151 Yonge St
Box 126
Richmond Hill ON Canada
L4C 4X9
416-884-1147

Kentucky Bluegrasses: America, Banff, Nugget, Touchdown; Perennial Ryegrasses: Blazer, Fiesta, Fescues: Agram, Mustang, Tournament hard; Bentgrasses: Exeter

★ Pickseed West Inc
PO Box 888
Tangent OR 97389
503-926-8886

Kentucky Bluegrasses: America, Touchdown, Banff, Bronco; Perennial Ryegrasses: Fiesta, Fiesta II, Blazer, Blazer II, Dasher, Dasher II, Jazz; Fescues: Tall-Mustang, Maverick, Thomburg; Chewings-Agram, Victory; Hard-Spartan, Tournament; Sheep-Azay; Bentgrasses: Exeter, Epsom shrub, Perennial Ryegrasses: Ranger, Brenda, Nova, Mondial, Sheffield, Pennfine, Patriot, Rodeo; Fescues: Patriot, Pennfine, Mondial, Sheriff, Brenda, Patriot, Pennfine; Bentgrasses: Penncross, Penneagle, Pennlinks, Pennnill, Pennnill, Pennnill

★ Turf Seed Inc
PO Box 250
Hubbard OR 97032
503-981-9571

Kentucky Bluegrasses: Midnight, Classic, Eclipse, Glad, Haga, Adelphi, Baron, Merit, Gnome, Monopoly, Parade, Touchdown, Nassau, Banff, Newport, Julia, Chateau, America, A-34, Park, Rami, Nugget; Perennial Ryegrasses: Palmer, Prelude, Manhattan II, Pennant, Derby, Fiesta II, Pennfine, Manhattan II, Citation, Jazz, Rodeo, Patriot, Omega II; Fescues: Fine-spartan, Saldis, Victory, Jamestown, Koket, Pennlawn, Tall-ard, Olympic, Apache, Adventure, Mustang, Falcon, Brookston, K 31; Bentgrasses: Penncross, Penneagle, Seaside, Highland, Exeter, Red top; Turfseed Mixes or Blends: Custom mixes; Other: Crown Vetch, Birdsfoot Trefoil, Native Grasses, Wildflowers, Poa Trivialis, Canada bluegrass, Fults, Reed Canary

Seed Research of Oregon Inc
644 SW 13 St
Corvallis OR 97333
503-757-2663
800-253-5766

Kentucky Bluegrasses: Enmundi, Merit, Harmony; Perennial Ryegrasses: SR4000, SR4100; Fescues: Tall-Trident & SR8000, Hard-SR3000, Chewings-SR5000; Bentgrasses: SR1020, SR1019 Creeping; Turfseed Mixes or Blends: Champion (Perennial Ryegrass Blend), Trophy & Survivor (Tall Fescue Blends), Crusade (Fine Fescue Blend), Dominant (Bentgrass Blend)

Southern Turf Nurseries
5172 A Indian Trail Ind Pkwy
Norcross GA 30071
404-448-9932

Sod/Sprigs (South Only): Tifway 419, Tifgreen 328, Tifwarf, Centipede, Midiron

Sunbelt Seeds Inc
5172 Indian Trail Ind Pkwy Ste A
Norcross GA 30071
404-448-9932

Kentucky Bluegrasses: Baron, Nassau, Georgetown, Ram I; Perennial Ryegrasses: Palmer, Prelude, Cowboy; Fescues: Jamestown Chewings; Turfseed Mixes or Blends: Marvel Green, Supreme (Over Seeding Blend)

★ Tee-2-Green Corp
3017 W G St
Hubbard OR 97032
503-981-9574

Bentgrasses: Penncross, Penneagle, Pennlinks, Pennnill

★ Turf Merchants Inc (TMI)
PO Box 1467
Albany OR 97321
503-491-3622
800-421-1735

Kentucky Bluegrasses: Gnome, Tendos, True Blue, Lexington, Rugby; Perennial Ryegrasses: Pennfine, Manhattan II, Rodeo, Patriot; Fescues: Tall-Wrangler, Tifgreen, Brookston; Bentgrasses: VIP Cr. Blend; Turfseed Mixes or Blends: VIP Overseeding Blend (Pennfine, Manhattan II, Patriot)

Turf Merchants International
33390 Tangent Loop
Tangant OR 97389
503-926-8649

Kentucky Bluegrasses: Gnome, Tendos, Topf, Topstar (Chewings), Rediron, Lexington, Twilight; Perennial Ryegrasses: Aquarius, Patriot, Pennfine, Manhattan II, Rodeo, Allaire, Bar; Fescues: (Tall) Wrangler, Brookston, Laredo, Bonsai, Turfmates, Tifgreen II & Estacda chewings, Virtus creeping; Bentgrasses: VIP creeping, Penncross, Penneagle, Pennlinks

Van Der Have Oregon Inc
33725 Columbus St SE
PO Box 1496
Albany OR 97321
503-967-8923

Kentucky Bluegrasses: Sophia, Minstral, Cynthia; Perennial Ryegrasses: Ranger, Brenda, Nova, Mondial, Sheffield, Pennfine, Patriot, Rodeo Fescues: (Chewings)Waldorf, Atlanta, Scarlet, Epsom Hard Biljart, Scaldis, Silvana (Creeper) Dawson, Ruby (Creeping) Carmen (Colonial) Tracentra; Turfseed Mixes or Blends: Quartet-4 way blend of fine leaf perennial ryegrass Mondial, Brenda, Patriot, Pennfine

Vaughan Seed Co
5300 Katrine Ave
Downers Grove IL 60515
312-969-6300

Kentucky Bluegrasses: Adelphi; Perennial Ryegrasses: All Star, Citation

Vaughan Seed Co
14111 Scotts Lawn Rd
Marysville OH 43041

★ O M Scott & Sons Co
14111 Scottsaw Rd
Marysville OH 43041

513-644-0011 (OH call collect)
800-253-5766

Indian Trail Ind Pkwy, SR5000; Bentgrasses: SR1020, SR1019; Fescues: Jamestown Chewings; Turfmates, Turfgem II & Estacda; Fescues: Tall-Trident; Bentgrasses: Pennfine, Manhattan II, Rodeo, Patriot; Fescues: Tall-Wrangler, Tifgreen, Brookston; Bentgrasses: VIP Cr. Blend; Turfseed Mixes or Blends: VIP Overseeding Blend (Pennfine, Manhattan II, Patriot)

Kentucky Bluegrasses: Baron, Gnome, Tendos, True Blue, Lexington, Rugby; Perennial Ryegrasses: Pennfine, Manhattan II, Rodeo, Patriot; Fescues: Tall-Wrangler, Tifgreen, Brookston; Bentgrasses: VIP Cr. Blend; Turfseed Mixes or Blends: VIP Overseeding Blend (Pennfine, Manhattan II, Patriot)

Kentucky Bluegrasses: Baron, Gnome, Tendos, True Blue, Lexington, Rugby; Perennial Ryegrasses: Pennfine, Manhattan II, Rodeo, Patriot; Fescues: Tall-Wrangler, Tifgreen, Brookston; Bentgrasses: VIP Cr. Blend; Turfseed Mixes or Blends: VIP Overseeding Blend (Pennfine, Manhattan II, Patriot)
BEFORE WE DEVELOPED THESE PROBLEM-SOLVING TURFGRASS MIXTURES, WE MARCHED THROUGH ACRES AND ACRES OF PROBLEMS.

Nobody knows the troubles we've seen. Our Northrup King turf specialists and researchers have hoofed through salt problems, soil compaction, disease, starved turf, baked turf, cleated-to-shreds turf, and dormant winter turf—all depressing sights. But it was a road well worth our travels.

The result is a complete line of Medalist® turfgrass formulas that meet the demands of the professional turf manager.

If you've been staring down at a turf problem, look up your solution here. And if you think it's a turf problem we haven't seen, just let us know. Our business is putting your problems behind us.

<table>
<thead>
<tr>
<th>MEDALIST TURF PRODUCT</th>
<th>MAJOR AREAS OF USE</th>
<th>SPECIAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletic Pro and Athletic Pro II</td>
<td>For athletic turf.</td>
<td>Well suited for new seeding or overseeding. Fast establishing, traffic tolerant, rapid recovery. Both provide good footing.</td>
</tr>
<tr>
<td>Boulevard Mix</td>
<td>Any area with high pH (roadsides, sidewalks, boulevards, alkaline soils, etc.).</td>
<td>Contains 'Fults' and Dawson red fescue for beautiful salt-tolerant turf. Performs at low to high fertility levels.</td>
</tr>
<tr>
<td>Landscape Pro Mix</td>
<td>School grounds, cemeteries, golf course roughs, home lawns.</td>
<td>Establishes fast. Adapts to broad range of conditions and management levels. Low to moderate fertility needs.</td>
</tr>
<tr>
<td>Overseeder II Mix</td>
<td>Fairways, tees, athletic fields.</td>
<td>Rapid germination and establishment. Withstands heavy traffic and resists diseases. Penetrates compacted soils.</td>
</tr>
<tr>
<td>Medalist North Mix</td>
<td>Fairways, tees, cart paths, wear areas.</td>
<td>Quality turf for high traffic areas. Clean mowing and disease resistant.</td>
</tr>
<tr>
<td>Renovator Pro Mix</td>
<td>Problem solver for heavy traffic areas (athletic fields, golf tees, and fairways).</td>
<td>Penetrates compacted soils and combats Poa annua. Adaptable to most geographic regions.</td>
</tr>
<tr>
<td>Medalist Brand Overseeding Products</td>
<td>Winter overseeding of dormant bermudagrass.</td>
<td>Establishes rapidly and evenly. Tolerates traffic while providing a superior putting surface. Smooth spring transition.</td>
</tr>
</tbody>
</table>

Ask your Northrup King distributor about Medalist Turf Products to solve your turf problems. Or write Northrup King Medalist Turf Products, P.O. Box 959, Minneapolis, MN 55440.

Circle No. 153 on Reader Inquiry Card

SEPTEMBER 1988/LANDSCAPE MANAGEMENT 95
Seed Companies

| Kentucky Bluegrasses: Adelphi, Giade, Cheri, Merit, Touchdown; Perennial Ryegrasses: All Star, Pennant, Citation, Regal |
| Morie Co |
| 1201 N High St |
| Millville NJ 08332 |
| 800-257-7034 |
| 609-327-4500 |
| Sands, clays and specialty mixes |
| Opti-Gro Div Mantek |
| PO Box 2170 |
| Irving TX 75061 |
| 800-241-3302 |
| 404-952-0228(GA) |
| Grounds care technology |
| ServiceMaster LawnCare |
| 2300 Warrenville Rd |
| Downers Grove IL 60515 |
| 312-964-1300 |
| Lawn care franchises |

| *Warren's Turf Nursery Inc |
| Cordelia & Chadbourne Rd |
| PO Box 459 |
| Suisun City CA 94585 |
| 707-422-5100 |
| Kentucky Bluegrasses: Warren's A-34 BenSun; Fescues: Adventure Turf Type Tall |

### 6. Miscellaneous Services

| Agri-Diagnostics Assoc |
| 2611 Branch Pike |
| Cinnaminson NJ 08077 |
| 609-829-0110 |
| Diagnostic services |

| Akzo Industrial Systems Co |
| One North Pack Sq |
| Asheville NC 28802 |
| 704-258-5050 |
| Subsurface drainage matting, natural turf and soil reinforcement matting |

| *Bush and Cook Leasing Inc |
| 1600 W Main St |
| Wilmington OH 45177 |
| 513-382-5502(OH) |
| 800-342-4774 |
| Equipment leasing/financing |

| Environmental Industries Inc |
| 24121 Ventura Blvd |
| Calabasas CA 91302 |
| 818-892-5900 |
| Landscape services |

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My primary business is: (Please check one)

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- 02 Sports Complexes
- 03 Parks
- 04 Right-of-way maintenance for highways, railroads, and utilities
- 05 Schools, colleges and universities
- 06 Industrial and office parks and plants
- 07 Condominiums/apartments/housing developments/hotels/resorts
- 08 Cemeteries/memorial gardens
- 09 Military installations and prisons
- 10 Airports
- 11 Multiple government/municipal facilities
- 12 Landscape contractors (installation and maintenance)
- 13 Landscaping contractors
- 14 Lawn care service companies
- 15 Landscape architects
- 16 Extension agents/consultants for horticulture
- 17 Ornamental nurserymen
- 18 Sod growers
- 19 Dealers, distributors
- 20 Other (please specify)
To Nashville, heartland of the country and site of the exciting THIRD ANNUAL LANDSCAPE EXPOSITION!

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Among the exhibits will be:
- Power equipment
- Seeds
- Chemicals
- Accessories
- Heavy machinery
- Systems and services

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Nashville, Tennessee
October 22-24, 1988

There's more. Three days of seminars, presented by key players in the industry, will cover the vital technical and business issues which keep you on top.

Mark your calendar now, and return the reply card today. We'll send you complete exhibitor, conference, travel, and hotel information. Truck on down to Nashville, and take the break you deserve — you're entitled to it.

The Third Annual Landscape Exposition

Produced and Managed by Edgell Expositions
A Division of Edgell Communications, Inc.
PRODUCTS

New engine installed in mid-size mowers
Bunton's mid-sized commercial mowers will feature a new engine manufactured by Onan, Bunton announced at the Lawn & Garden Expo 88.

The 12.5 hp engine has an overhead valve design and includes electronic ignition, pressurized lubrication and cast iron cylinders, among other things. The engine is available on Bunton's 32-, 48-, 52- and 61-inch mowers.

Bunton and its distributors will carry parts and offer service training for stocking dealers. Circle No. 190 on Reader Inquiry Card

Portable stump cutter fits into tight areas
Rayco's RG 1620 (JR) tree stump and root cutter is a portable machine designed for areas with tight clearance and where self-propulsion is advantageous.

A 20 hp Kohler gas engine powers the cutting unit, and a hydrostatic motor powers propulsion. Guidance requires no handle bars, and the unit weighs only 630 pounds. Circle No. 191 on Reader Inquiry Card

Valve shuts off water flow if spray head is damaged
The GeyserOff, a spring-loaded valve, senses water flow changes due to a broken sprinkler head or riser and shuts off flow to the head within seconds.

The valve attaches to each riser or sprinkler head below ground where the main supply lines are. The valve will shut off flow to the damaged head but allows flow to the rest of the system.

On automatic systems, when water comes back on, the GeyserOff, manufactured by Oases Industry, briefly releases water and shuts off again, a reminder that it still needs repairing. This will also flush out sand and dirt that could clog the irrigation system. Once the head is repaired or replaced, the GeyserOff returns to normal operation. Circle No. 192 on Reader Inquiry Card

System speeds inclement weather warning to golfers
The Course Alert system from Six-in-One provides golfers and spectators with instant accurate warning of inclement weather conditions.

A master control unit links a network of satellite sirens on the golf course. The key activated master control can be located in the pro shop or clubhouse. There is also a hand-held remote unit available.

The two-directional sirens can be strategically placed to cover the course. According to the company, an average 18 hole course can be covered by one master controller and four sirens. The system runs off electricity or solar power. Circle No. 193 on Reader Inquiry Card

Moisture sensor saves 50 percent of water
The Moisture Stat can yield irrigation systems more than 50 percent in water savings, according to its manufacturer, Griswold Controls.

Moisture Stat is an electronic moisture sensing system that consists of a control panel and four sets of maintenance-free probes. Up to six stations can be assigned to each of the probe sets. When the controller begins, the Moisture Stat measures the moisture across each set of probes and compares it to the desired pre-set moisture. If the signal indicates that moisture is above the setting, watering does not occur.

Circle No. 194 on Reader Inquiry Card

Device assists coloring of putting green holes
The Hole-in-White putting hole painter aids superintendents in painting the inside of putting green holes. The higher cup visibility is supposed to make putting easier and speed up play.

Hole-in-White consists of two parts: a steel device that fits over the hole and an inverted can of turf-whitener paint. The steel piece fits snugly into the lip of the freshly cut hole. The whitener slides into position and is activated by pressing down on the can. A few turns of the can and the hole is painted.

The device was invented and developed by three active members of the Connecticut State Golf Association. Circle No. 195 on Reader Inquiry Card

Trencher uses eight teeth to reach depth of 10 inches
Ditch Witch has introduced a new compact, light-weight disk trencher (Model 510) for applications requiring a shallow, narrow trench.

The Model 510 is a 4.6 hp machine that has a simplified design with few moving parts. Eight digging teeth bolt on and off the 22-inch steel wheel disk for quick, easy changes. It can dig to depths of 10 inches at 2-inch widths.

The machine's narrow width of 31 1/4 inches is helpful in getting it into hard-to-access work areas. It can dig trenches for installation of service cable or sprinkler pipe, landscaping edging and other applications requiring a shallow, narrow trench.

The 200-pound trencher features an integral slip clutch to protect the