SENNINGER IRRIGATION INC I 6416 OLD WINTER GARDEN RD, ORLANDO, FL 32811 305-293-5555
SERVIS-RHINO E P.O. BOX 712, SEGUIN, TX 78156
SHAKESPEARE CO. E PO BOX 733, NEWBERRY, SC 29108 800-845- 7750
SHAWTOWN INDUSTRIES INC. M 350 EASY ST., UNIT 2, SIMI VALLEY, CA
93065 805-527-7720 SHINDAIWA INC. E P.O. BOX 1090, TUALATIN, OR 97062
SIERRA CROP PROTECTION CO C,M 1001 YOSEMITE DR, MILPITAS, CA 95035
408 263-8080 SIMPLICITY MFG E P.O. BOX 416/WOB, WEST ORANGE, NJ 07052 800-458-7157
SMITHCO INC E 11 WEST AVE, WAYNE, PA 19087 215-688- 4009
SMOOTHIE INC E PO BOX 26930, TAMARAC, FL 33320 305- 652-4741
SNAPPER POWER EQUIPMENT E P O BOX 777, MC DONOUGH, GA 30253 404-957-9141
SNOW MFG. INC. E 11782 W. JENSEN AVE., KERMAN, CA 93630 209-846-7432
SOIL SEAL CORP 3015 SUPPLY AVE., LOS ANGELES, CA 90040 213 481-7185
SOLAR SIGNAGE INC. M 13006 MULA LANE, STAFFORD, TX 77477
SOLATROL I 11300 SORRENTO VALLEY RD., SAN DIEGO, CA 92121 619-453-7447
SOLO INC E 5100 CHESTNUT AVE., NEWPORT NEWS, VA 23605 804-245-4228
SOUTHERN ALUMINUM E PO BOX 884, MAGNOLIA, AR 71753 800-221- 0408
SOUTHERN BLEACHER CO. E PO BOX ONE, GRAHAM, TX 76046 800-433- 0912
SOUTHERN TURF NURSERIES C,M PO BOX 667, NORCROSS, GA 30091 800-841- 6413
SPEARS MFG. CO. I P.O. BOX 4428, SYLMAR, CA 91342 818-364- 1611
SPECTRUM TECH. INC. I 12010 S. AERO DR., PLAINFIELD, IL 60544
SPORT SEATING CO. INC. E PO BOX 449, 1540 CHESTNUT ST., EMMAUS, PA 18049 800-345-3141
SPORTEC INTERNATIONAL M 1491 SHERIDAN DRIVE, KENMORE, NY 14217 800-835-0033
SPORTSFIELDS INC M P O BOX 615, BLUE ISLAND, IL 60406 708- 371-0917
SPRAYING DEVICES E PO BOX 3107, VISALIA, CA 93278 209-651- 1306
SPYDER INC HWY I-10 & MENGE AVE, PASS CHRIS- TIAN, MS 39571 800-231-5916
SPYKER SPREADER WORKS E PO DRAWER 210, N. MANCHESTER, IN 46962 219-982-8105

STABILIZER, INC. M 4832 E. INDIAN SCHOOL, PHOENIX, AZ 85018 602-952-8009 STACKHOUSE ATHLETIC EOUIP E PO BOX 12276, SALEM, OR 97309 503-363-1840 STADIUMS UNLIMITED INC E PO BOX 627, GRINNELL, IA 50112 515-236-6535 STANDARD GOLF M 220 E. 4TH ST., CEDAR FALLS, IA 50613 319-266-2638 STANDARD SAND & SILICA M P.O. BOX 35, DAVENPORT, FL 33837 813-422-1171 STAR CITY FABRICATION E 1101 TOWN RD., MONTEVIDEO, MN 56265 612-269-5574 STARSTREAM/TRUE DISTANCE M 9800 RICHMOND #300, HOUSTON, TX 77042 713-781-0781 STEINER TURF EQUIPMENT E PO BOX 85, ORRVILLE, OH 44667 216-683 0055 STIHL INC E 536 VIKING DR., VIRGINIA BEACH, VA 23452 804-486-8444 STOCKHAUSEN 2408 DOYLE STREET, GREENSBORO, NC 27406 919-333-3521 STOVER SEED CO. M.S 1415 E. 6TH ST. BOX 21448, LOS ANGELES, CA 90021 213-626-9668 STULL INDUSTRIES INC E 1501 POMONA RD, CORONA, CA 91720 SUBMATIC IRRIGATION SYSTEMS T P O BOX 246, LUBBOCK, TX 79408 806 747-9000 SUNBELT SEEDS INC M.S 5172 INDIAN TRAIL, NORCROSS, GA 30093 404-448-9932 SUPERIOR CONTROLS 24950 AVENUE KEARNY, VALENCIA, CA 91355 805-257-3533 SUPERIOR PROD., INC. M P.O. BOX 39048, BIRMINGHAM, AL 35208 205-324-6691 SUPERTURF INTERNATIONAL M 15301 DALLAS PKWY NORTH, DALLAS, TX 75248 214-851-7033 SWAN HOSE E PO BOX 509, WORTHINGTON, OH 43085 614-548-6511 SWEEPSTER JENKINS EOUIP E 2810 BAKER RD, DEXTER, MI 48130 313-426-3961 SYSTEMATIC IRRIG CONTROLS 3190 J AIRPORT LOOP DR., COSTA MESA, CA 92626 714-850-0996 T T H RILEY MFG 15 P O BOX 987, LEHIGH ACRES, FL 33936 813 369-7911 T. CHRISTY ENTERPRISES 1207 W. STRUCK AVE. UNIT E, ORANGE, CA 92667 800-BLU-GLUE E TANAKA (USA) CO LTD. 22121 CRYSTAL CREEK BLVD., BOTHELL, WA 98021 206-481-2000

 WA 98021 206-481-2000

 TANDEM PRODUCTS INC.
 E,M

 520 INDUSTRIAL DR., BLOOMING

 PRAIRIE, MN 55917 800-533-0509

 TARMAC
 M

 P.O. BOX 510, INDIO, CA 92201, 619-775-8200

TARP MACHINE E 11609 CLARIDON TROY RD., CHARDON OH 44024 TAYLOR-DUNN PO BOX 4240, ANAHEIM, CA 92803 714-956-4040 TECHNI SCAPE 3267 BLAIR DR., LOS ANGELES, CA 90068 213-874-7117 TECTONICS M 12501 WELD COUNTY RD. #13, LONGMONT, CO 80504 303-444-7444 **TECUMSEH PRODUCTS** E 900 NORTH ST., GRAFTON, WI 53024 414 377-2700 **TEE-2-GREEN** PO BOX 250, HUBBARD, OR 97032 800-547-0255 **TELEDYNE PRINCETON** E 995 W WALNUT ST, CANAL WINCHESTER, OH 43110 800-331-5851 **TELGE ROAD MATERIALS, INC.** M P.O. BOX 877, CYPRESS, TX 77429 713-373-1718 TENNANT MAINTENANCE CO. E 701 N. LILAC DR., MINNEAPOLIS, MN 55440 612-540-1229 TERRACARE E.M PO BOX 506, PARDEEVILLE, WI 53954 608-429-3402 **TERRAIN VEHICLES** E 221 MITCHELL CT., ADDISON, IL 60101 312-953-8747 TEXAS IND., INC. M P.O. BOX 907, DEL VALLEY, TX 78617, 512-M 276-7986 TFS SYSTEMS I P O BOX 710038, 8733 MAGNOLIA #100, SANTEE, CA 92071-0038 619-449-6408 THAYER IND INC PO BOX 1849, DUNDEE, FL 33838 813-439-3667 THE ANDERSONS C P O BOX 119, MAUMEE, OH 43537 419 893-5050 THE TYE COMPANY BOX 218, LOCKNEY, TX 79241 806-652-3367 THERMO-FOGGER CO 1893 INDUSTRIAL DRIVE, LIBERTYVILLE, IL 60048 THOMPSON MFG CO 4832 CHINO AVE, CHINO, CA 91710 714 591-4851 TMI INC 4000 KRUSE WAY PLACE, BLDG 2 SUITE 120, LAKE OSWEGO, OR 97035 503-635-3966 TOMARK SPORTS, INC. E.M. P.O. BOX 1088, CORONA, CA 91718 714-371-E.M 1844 **TORO COMPANY** E.M 8111 LYNDALE AVE. SO., MINNEAPOLIS, MN 55420 612-887-8805 TORO IRRIGATION (GOLF) I 5825 JASMINE ST, RIVERSIDE, CA 92502 714-688-9221 TORO IRRIGATION I 5825 JASMINE ST, RIVERSIDE, CA 92502 714 688-9221 TRAIL MATE, INC. E 2151 TRAILMATE DR., SARASOTA, FL 34243 800-777-1034 TRICKLE SOAK SYSTEMS 8733 MAGNOLIA, STE 100, SANTEE, CA

92071 619-449-6408

TRIDENT MOTORS         E           1771 MOLER RD., COLUMBUS, OH 43207         614-445-9623
<b>TRU-PITCH INC.</b> M PO BOX 1728, PINELLAS PARK, FL 34290 813-577-9701
TRUFLEX M 1760 REVERE BEACH PKWY, EVERETT, MA 02149 800-225-3534
TRUSCO MFG. CO. E 398 NE 38TH ST., FT. LAUDERDALE, FL 33334 800-327-8859
TSM COMPANY PO BOX 837, BRYTE, CA 95605 916-372- 8531
TUFFLIGHT TRACK CORP. M 9319 E. HARRY, WITCHITA, KS 67207 800- 835-0047
TURF DRAINAGE CO. I PO BOX 702, MARRERO, LA 70073 504-340- 3930
TURF LINER INC 3875 IDAHO AVE. N., MINNEAPOLIS, MN 55427 612-537-7241
TURF MERCHANTS M,S 33390 TANGENT LOOP, TANGENT, OR 97389 800 421-1735
TURF SEED INC M,S PO BOX 250, HUBBARD, OR 97032 503 981- 9571
TURF SPECIALISTS CORP. E 444 ST. JAMES ST., HOLBROOK, NY 11741 516-981-1118
TURF-TEC INTERNATIONAL E,I 4740 NE 12TH AVE., OVERLAND PARK, FL 33334 305-938-7477
TURFCO E 3456 N. WASHINGTON AVE., MINNEAPOLIS, MN 55412 612-588-0741
TURFGRASS COLORANTS M 8440 FOUNTAIN AVE., HOLLYWOOD, CA 90069 213-650-9942

## U U.S. GAMES

PO BOX 360874, MELBOURNE, FL 32936 800-327-5484	
UNDERGROUND IRRIGATION SYSTEM, INC	
6732 W 153RD, OVERLAND PARK, KS 66223 913-897-6200	
UNIMIN CORP. M P.O. BOX 651, EMMETT, ID 83617 208-365- 7153	
UNIROYAL CHEMICAL C MIDDLEBURY, CT 06749 203-573-3888	
UNITED AGRI PRODUCTS C PO BOX 1467, FREMONT, NE 68025 402-727- 8689	
UNVERFERTH MFG. CO. E P.O. BOX 357, KALIDA, OH 45853	2
US GYPSUM CO M 1010 S. WACKER DRIVE, CHICAGO, IL 60606 312-321-5823	
U.S. SILICA M P.O. BOX 98, KOSSE, TX 76653 817-375-2226	
V	

VALCON IRRIGATION	I
10837 CENTRAL AVE, S EL MONTE, CA	
91733 818-444-5466	
VALENT USA CORP	C
PO BOX 8025, WALNUT CREEK, CA 94596-	
8025 415-256-2700	
VALLEY SAND & GRAVEL	M

84749 SEARLES, TRONA, CA 93562 619-372-4944

VALLEY VIEW SPECIALTIES M 13834 S. KOSTNER, CRESTWOOD, IL 60445 708-597-0885

VANDERMOLEN CORP. 1 119 DORSA AVE., LIVINGSTON, NJ 07039 201-992-8506

VAUGHANS SEED COMPANY 5300 KATRINE AVE, DOWNERS GROVE, IL 60515-4095 708-969-6300

VERMEER MANUFACTURING NEW SHARON RD, PELLA, IA 50219 800-247-2347

VERTI-DRAIN USA 415 N. WASHINGTON AVE., SCRANTON, PA 18503 717-961-6120

VIGORO INDUSTRIES, INC. 2007 W. HWY SO., FARVIEW HGHTS, IL 62208

618-624-5522, P.O. BOX 512 WINTER HAVEN, FL 33882 813-294-2567

VU FLOW FILTERS 645 CINNAMON COURT, SATELLITE BEACH, FL 32937 305-723-5171

# W

E

WALKER MFG CO 1839 HARMONY RD, FT COLLINS, CO 80525 303 226-1514

WALLA WALLA SPRINKLER CO RT 4 BOX 169, WALLA WALLA, WA 99362 509-525-7660

WARRENS SPECIAL PRODUCTS I,M PO BOX 459, SUISUN CITY, CA 94585 800-828-8873

WARRENS TURF NURSERY C,S 7502 SO MAIN STREET, CRYSTAL LAKE, IL 60014 815 455-5100

WATER HOG, INC. E 10 STATE ST., WOBURN, MA 01201 617-932-4192

WATER CONSERVATION SYSTEMS 1 141 SO SPRING ST, CLAREMONT, CA 91711 714 621-5805

WATERTRONICS 13400A WATERTOWN PLANK RD, ELM GROVE, WI 53122

**WEATHER-MATIC/TELSCO I** P O BOX 18205, DALLAS, TX 75218 214 278-6131

WESTERN POLYACRYLAMIDE, INC. C,M P.O. BOX 790, CASTLE ROCK, CO 80104 303-688-3814

WESTHEFFER CO. E 1235 N. 3RD, LAWRENCE, KS 66044 800-362-3110

WEYERHAEUSER M EF-4, TACOMA, WA 98477 800-443-9179 WHEEL HORSE E 515 W. IRELAND RD., SOUTH BEND, IN 46614 WHEEL SPRAY E PO BOX 97, DELAFIELD, WI 53018 414-646-8640 WILLAMETTE SEED CO. P.O. BOX 791, ALBANY, OR 97321 503-926-8883 WILDSEED, INC. PO BOX 308, EAGLE LAKE, TX 77434 800-848-0078

WILKINS DRAINAGE 25443 RYE CANYON ROAD, VALENCIA, CA 91355 805-257-0955 WILKINS REGULATOR DIV. 1747 COMMERCE WAY, PASO ROBLES, CA 93446 805-238-7100

E

E

E

WILLSEY-D PO BOX 460, MAPLE HILL, KS 66507 913-663-2228

WILSON & GEO MEYER & CO 270 LAWRENCE AVE, S SAN FRANCISCO, CA 94080 415 871-1770

WILT-PRUF PRODUCTS PO BOX 4280, GREENWICH, CT 06830 203-531-4740

WIND & SHADE SCREENS M PO BOX 681, SOLANO BEACH, CA 92075 619-481-6064

WINDSCREENS WEST INC M 8200 E PACIFIC PL #108, DENVER, CO 80231 303-368-8600

WOODGRAPHICS M 1427 MECHANICAL BLVD, GARNER, NC 27529 919-772-8800

WOODS DIV HESSTON CORP E HIGHWAY 2 SOUTH, OREGON, IL 61061 815 732-2141

WOLFE METAL FAB. CO. 2555 LEECHBURG RD, LOWER BURRELL, PA 15068

WORKSAVER, INC. PO BOX 1000, LITCHFIELD, IL 62056 217-324-5973

# Y

E

E

C

I

E

YAMAHA MOTOR CORP E 6620 ORANGETHORPE, BUENA PARK, CA 90622

YANKEE TURF PRODUCTS E 200 SHAW RD, N BRANFORD, CT 06471 800-432-RAKE

YANMAR E 476 COUNTRY CLUB DR., BENSENVILLE, IL 60106 708-564-9280

YAZOO MFG. CO. E 3650 BAY ST., JACKSON, MS 39216 601-366-6421

YEAGER FORD TRACTOR E P O BOX 545, HILLSBORO, OR 97123 503-648-8506

YORK MODERN CORP PO BOX 488, UNADILLA, NY 13849

# Z

1

I

I

ZAJAC PERFORMANCE SEEDS S 33 SICOMAC ROAD, NORTH HALEDON, NJ 07508 201-423-1660

# NOTE!

32 Golf & SportsTURF

# The advantage of having everything in one place is obvious.

Insert fittings – Full line of PVC, ½"– 4", plus nylon.

Unions – All sizes,  $\frac{1}{2}'' - 3$ ."

Compression fittings –  $\frac{1}{2}$ " – 6".

Easy-Fix Repair Couplings  $-\frac{1}{2}''-4''$ , make repairs and alterations simple.

Swing Joints (Unitized, Made-To-Order and Assembly Kit) – perfect solution to setting heads at exactly the right height.

Swivel Joints –  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1", for open discharge sprinkler systems.

Schedule 40 fittings – full line of <sup>3</sup>/<sub>8</sub>" – 8", ideal for irrigation and general use.

Schedule 80 fittings -¼"-8", heavy walled for high pressure industrial applications. (CPVC also available.)

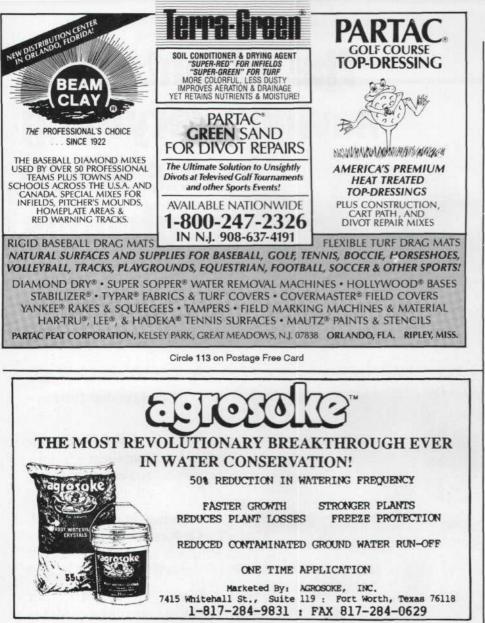
Special fittings and fabricated fittings available.

# And this is obviously the place.



3255 E. Miraloma Ave. Anaheim, CA 92806 (714) 993-1220 FAX (714) 524-0232

Seven warehouses nationwide. Sales offices in major cities. Circle 117 on Postage Free Card



Circle 114 on Postage Free Card

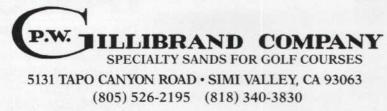
# Sands and Aggregates designed to meet the needs of the Turfgrass Professionals

The source for U.S.G.A. specified greens construction materials. #12 choker sand, multiple root zone blends, and custom airification sands.



Materials tested and approved by K.W. Brown & Associates, Tifton Physical Soil Laboratory, International Sports Turf Research Center.

Subangular sands that perform to a tee on the green!



### 34 Golf & SportsTURF

# FLORIDA FORMS COUNCIL TO REPRESENT GOLF INDUSTRY

Negative and inaccurate publicity about the golf industry has Florida developers, golf professionals and superintendents, and suppliers up in arms. They have decided to fight back and have joined together to form the Florida Golf Council (FGC).

"The public perception of golf as a "rich man's game" rather than an industry must be changed if the industry is to grow," said Tim Hiers, past president of the Florida Golf Course Superintendents Association (FGCSA). Golf is a five billion dollar a year industry in the state. Hiers said that the importance of golf as an industry in the state has not been adequately communicated to government regulators and the media. FGCSA donated the first \$2,500 to support the new council.

FGC's first move was to organize a successful Golf Summit in Orlando in October. Florida Governor Bob Martinez topped a list of summit speakers which included many state regulatory officials, PGA Tour Commissioner Deane Beman, PGA of American CEO Jim Awtrey, and leaders of all major golf organizations in the state.

The council hopes to raise funds to carry out a broad mission statement. One of its missions is to keep a close watch on legislation and coordinate a unified response. This may require a state lobbyist. Only Arizona and California employ lobbyists in their state capitols. Only Michigan and Florida have now held state golf summits.

The biggest legislative challenge comes from environmentalists. The council hopes to become a clearing house for technical information and research on the environmental impact of golf courses. "Golf is good for the environment," insists Ed Seay with Palmer Course Design. "A well designed and maintained golf course is one of nature's benefactors. Golf course designers have no vested interest in harming the environment. We want to protect, enhance, reestablish and renew it." Seay emphasized that lawmakers and government agencies need to be educated *before* they pass laws that critically affect the industry.

"We believe that other states should explore both councils and summits for golf," said Nancy Oliver, spokesperson for the FGC. She is coordinating the activities of FGC during its developmental stage and can be reached at (407) 688-0800.

# PESTICIDE INDUSTRY UNITES TO COORDINATE DEFENSE

Tired of facing battles with regulatory agencies alone, manufacturers, distributors, and users of specialty pesticides have united to form Responsible Industry for a Sound Environment (RISE). Established as a committee within the National Agricultural Chemicals Association (NACA), RISE will act as an umbrella organization to address environmental, health, and safety issues facing the \$1.3 billion industry.

"We are constantly bombarded by federal, state, and local issues, regulations, legislation, and misinformation," said Bill Liles of Ciba-Geigy. "This constant attack on our industry has cost us all valuable resources. In most cases, our defense has been weak and poorly focused due to a lack of a central, coordinated effort."

Allen Haws of Mobay Specialty Products Group, said, "It is extremely important that we work together as an industry for an improved environment and a standard of living that we all enjoy. User group association working in cooperation with RISE will be the key to the success and the future of the specialty pesticide industry."

RISE's efforts will support the position that judicious use of pesticides can prove positive in the care, maintenance, and protection of public health and property in the urban, suburban, and industrial environment, said Haws. "It is our mission to be responsible to the public and support the industry."

The organization will serve as a clearinghouse of information on specialty markets, and will dispense this information to promote and expand opportunities for the industry. It will lobby at all levels of government, develop an intensive education campaign aimed at the public, and create end user programs on proper pesticide uses and handling.

A membership drive has begun in order to seek industry support and to create a large, strong voice of authority in the public and private sectors. Membership categories include basic manufacturers, formulators, distributors, end users, associations, media, and equipment manufacturers. Those joining before January 31, 1991, will hold charter member status. Participation in RISE will help pool the resources necessary to present a strong defense during future challenges.

Information about joining RISE is available from Newton Roysterat Ciba-Geigy, (919) 632-7059; Allen Haws at Mobay, (816) 242-2364; Paul Mengle at Lebanon Chemical Corp., (717) 273-1687; Joe Wolf at Fermenta, (216) 354-4264; or Owen Steven at Knox Fertilizer, (219) 772-6275.

# NCA INTERVENTION **RESULTS IN TAX SAVINGS**

Recent intervention by the National Club Association (NCA) with the IRS may save tax-exempt private clubs thousands of dollars in penalties under the U.S. Supreme Court's Portland Golf Club decision relating to Revenue Ruling 81-69. According to the NCA, a trade association which represents directors, officers, and owners of clubs nationwide, the savings for an average club with a \$10,000 unrelated income tax liability could range up to \$4,500 annually.

According to a recent reply from the IRS to the organization, private clubs will escape estimated tax liability if they filed a Form 990 or 990-T showing net investment income for tax years ending before the June 21, 1990 Portland Golf Club opinion. The IRS also ruled that the estimated income taxes paid in the subsequent year must at least equal the tax liability reported on the Form 990-T for the preceding year.

The instructions from the IRS should cancel all underpayment penalties if a club files a statement that it relied on the Cleveland Athletic Club decision for not making estimated tax payments, the NCA said.

"I am pleased that NCA has succeeded in obtaining this fair enforcement of the Portland Golf Club decision," stated Harold Berman, chairman of the NCA's Legal/Legislative Committee. "This is another example of NCA's continuing efforts to represent our members' interest before the government."

# JANOSIK JOINS GOLF CORP.

Jim Janosik has been appointed West Coast director of agronomy for Golf Corp., Inc., Dallas, TX. The company operates 40 golf facilities nationwide. Janosik will be responsible for 12 facilities in California and Arizona, with two more under construction.

# From Bucket Loader to Versatile Fork Lift in less Than 5 Minutes!



C.C. Bucket Forks can change a bucketloader into a multi-purpose lifting vehicle. No drilling, welding or bolting.

Easy-on, easy-off installation -in less than 5 minutes. Made in the U.S.A. Canadian Patent No. 1,103,622 U.S. Patent No. 4,242,035



### A NEW CONCEPT IN MATERIAL HANDLING!

### **CHECK THESE SPECIAL FEATURES!**

- Easy storage tines are separate and flat
- Transports easily no awkward angles
- Easy to handle-each fork weighs only . 50 pounds
- Universal fits most popular brands of loader buckets
- Easy-on, easy-off installation in less than 5 minutes!
- Ideal for farm use or at construction sites
- Handles most materials load capacity is 3,000 pounds
- Full money back guarantee!



P.O. Box 3796, Orange, CA 92665

Toll-free, except in Calif. In Calif. call collect: 1-714-637-4645

1-800-854-3532

CA RES. ADD 6% SALES TAX Copyright 1981 C.C. Bucket/Forks, Inc.

Circle 112 on Postage Free Card December, 1990 37

# **MOWER MATE®**



Protect your greensmower from damage due to transport from green to green. Our exclusive 3-point clamping system suspends your reel, bed-knife, verticutter & differential. Call or write for details. U.S. & Foreign Patents Pending

> 316 Blossom Hill Rd. San Jose, CA 95123 (408) 972-5061

Circle 128 on Postage Free Card



Bowie Hydro-Mulcher® delivers the heaviest slurries of seed, fertilizer and mulch without plugging.

# Strike Pay Dirt. Bowie Makes It Easy.

Bowie Hydro-Mulchers® cover more, faster, in fewer trips. They lower your cost per job and boost your productivity.

Productivity is the key to profits. You and your men need tough, hardworking equipment if you are going to accomplish more on any given day.

Start hitting real paydirt. Choose a Bowie Hydro-Mulcher in 500, 800, or 1100 gallon capacity with the features you want most:

- Lasts longer--rugged construction, 3/16" steel tank plate.
- Loads faster--Handles mulch by the bale; best agitation system.
- Produces more, daily Delivers heaviest slurries and discharges them further.
- Brings highest resale values--Bowie leads all competitors.

Backed by industry's **most experi**enced dealer network, Bowie offers sales, service & options like no one else.

For the Bowie dealer nearest you, call toll free: 1-800-433-0934

P.O. Box 931 Bowie, TX 76230 BOVIE INDUSTRIES, INC.

"Nobody does it better. Nobody's even close."

# The Hydro-Mulcher® is a registered trade-mark of Bowie Industries, Inc. 38 Golf & SportsTURF Circle 127 on Postage Free Card

# GOLF COURSE MAINTENANCE SHORT COURSE

The fifth annual Ohio State University Golf Course Maintenance Short Course will be held on January 7-11 at the Parke Hotel in Columbus, OH. The course will provide basic, general information on golf and turfgrass maintenance. Emphasis will be placed on principles of agronomy, soils, entomology, and plant pathology.

This short course is designed for all golf course personnel, including golf course employees, foremen, assistant superintendents, and superintendents seeking training in the basics of golf-turfgrass maintenance. Attendees will qualify for recertification credits from the Ohio Department of Agriculture for Licensed Pesticide Applicators. Certified Golf Course Superintendents will qualify for continuing education units from the Golf Course Superintendent's Association of America.

For additional information contact Sue White, (614) 292-7457 or the Department of Conference and Institutes, (614) 292-4230 for course registration.

# DESIGNER SELECTED FOR DOUBLE CREEK

Mike Young Designs, Watkinsville, GA, has been named the golf course architect for Double Creek Country Club in Snellville, GA. Construction on the 18-hole private course is scheduled to begin in early 1991.

The course's design is characterized by a low profile that takes advantage of native rock outcroppings to enhance the beauty and challenge of the layout. The par 72 course will measure 6,950 yards.

# COURSE REMODELING THRIVES

In addition to the increased emphasis on new golf course construction during the past two years, hundreds of courses are remodeling, according to Dan Maples, president of the American Society of Golf Course Architects (ASGCA).

"Many older courses recognize the need to renovate their greens, tees, fairways, and bunkers," notes Maples.

In many cases, Maples adds, the master plan is implemented over a three- to fiveyear period to spread out costs and minimize disruptions to players.

# PRODUCT UPDATE

# FRONT MOWER



The F2400 front mower is equipped with a 24-hp, four-cycle, three-cylinder, vertical liquid-cooled diesel engine. The unit's hydrostatic transmission works together with its front differential lock and fourwheel-drive to provide traction and smooth operation on uneven or slick terrain. In addition, the hydrostatic transmission permits the operator to easily select ground speed.

A tight, 60-degree rear-wheel turning angle and offset cutting ability enables the unit to mow around bushes and trees Its shaft drive increases durability and reduces maintenance.

Several front mowers are available for the F2400, including 60- and 72-inch models and 60-inch flail unit. The front mowers offer good visibility and ease of operation.

All main levers and indicators are conveniently located. A tilt steering wheel and power steering reduce operator fatigue.

To ensure operator safety, the F2400 is equipped with an interlock safety switch to stop the engine should the operator leave the seat while the PTO clutch is engaged. A roll-over protective structure is also standard.

KUBOTA TRACTOR CORP. Circle 118 on Postage Free Card



The easy-to-use Portable LaMotte Turf Lab incorporates the latest technology in sample extraction, test procedures and Precise color comparisons. You'll get accurate and reliable pH and nutrient level readings that will be use-Testing ful in your ground maintenance and turf care programs. Call for complete information

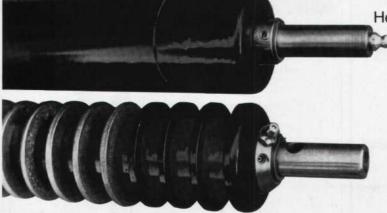
### PO BOX 329 CHESTERTOWN · MARYLAND · 21620 301-778-3100 · FAX 301-778-6394

800-344-3100

LaMotte

Circle 110 on Postage Free Card

# GREENSMOWER ROLLERS Presenting the NEW industry standard



### Here's why:

- Roller Bearings separate radial and thrust bearings
- Double Seals
- Stainless Steel Wear Sleeves
- No Wear Surfaces on Shaft
- Removable End Pieces
- No Springs grooved roller segments are clamped rigidly

FOR ORDERS OR INFORMATION DIAL TOLL FREE 1-800-521-8891

# Toughness for the most rigorous use



Tel: 407/582-6180 1810 HYPOLUXO ROAD SUITE D-9 LANTANA, FLORIDA 33462

Circle 109 on Postage Free Card

# AERATOR/SLIT SEEDER



The Olathe Model 84 Walk-Behind Aerator/Slit Seeder's reverse-action clutch increases operator maneuverability and ease of operation. The unit is powered by an 18-hp engine.

Features include the Shatter Blade, which requires less power while bringing up more topdressing, and remote seed shutoff that enables the operator to shut the feed off at any time. One handle engages

# **ROOKIES** PRODUCT UPDATE

the blade and sets depth. Rear-wheel drive helps prevent surging.

OLATHE MANUFACTURING, INC. Circle 119 on Postage Free Card

# REMOTE VALVE OPERATORS

Weather-matic's Remote Valve Operators can be used for site testing, maintenance, quick-cooling golf course greens, and manual central control. They work with microprocessor and electro-mechanical controllers.

The remote units come in 12-, 24-, 36-, and 42-station packages. Each package includes a universal receiver, transceiver, pigtails, a plug-in charger, and a carrying case.

WEATHER-MATIC Circle 120 on Postage Free Card

### SOIL CONDITIONERS

Turface soil conditioners are available for three different applications.

Turface Regular, for skinned areas, will prevent puddles and alleviate dusting. The product helps keep playing surfaces smooth and cushioned.

Designed for use on turf areas, Turface Plus can be applied after core aerification or as a topdressing. It will keep soil porous, retain nutrients, stimulate deep root growth, and reduce the frequency of watering.

Turface Quick Dry can be used for spot maintenance on both skinned and turf areas. The easy-to-apply product absorbs water quickly and helps keep sports fields in top condition.

AIMCOR Circle 121 on Postage Free Card

