Turfgrass Matters





June 1994, vol. 46, no. 4

Mid-Atlantic Golf Course Superintendents Newsletter

Tom Knoll to Host June 14 Meeting at Chantilly National Golf and CC

Tom Knoll and his crew are busy preparing the Chantilly course for our June 14 gross and net tournament.

Chantilly National G & CC is a private club located in Centreville, Va. It was built in 1959 on what was once the largest dairy farm operation in Fairfax County. Originally, the land was acquired by the Kena Temple of Alexandria. Operating as the Wimsatt Farms Syndicate, they originally planned a 36-hole complex on the 900 acres.

Ed Ault designed the golf course layouts. However, only the 18-hole course that exists today was built. In 1961 the syndicate sold the golf course and the 220 acres that it occupies today to the membership. The Club continues to exist as a membership-owned private club with approximately 500 members.

In 1992 P.B. Dye provided a re-design of the golf course. This vision included many additional sand and grass bunkers, additional tees, five sets of tee markers for each hole, tree planting, tree re-location, re-shaping certain contours and features, expanded irrigation coverage, and drainage improvements. Upon completion of this work, the golf course plays the range from 5,191 yards for the forward tees to 7,195 yards for the tournament tees.

Future projects are based on a five-year plan. Those slated for the

near future include lake management and further drainage improvements, among other things.

Obviously with all these renovations and all the usual maintenance, Tom is lucky to have



a fine staff. "The club has an outstanding staff. I feel quite fortunate to work with such a dedicated and conscientious group." Tom wishes to share full credit with Assistant Superintendent Rick Kent and full-time staff Jamie Altizer, Barbara Hartnett, Scott Parvin, Roger Saffer, Rich Sereno, and Albert Whitmer.

Says Tom, "Although my work requires a lot of time, I really enjoy spending my leisure time with my family—my wife Christine; Tommy, 8; Katie 6; and Emilie, 2. We are involved in a lot of activities including church, cub scouts, brownies, and various sports. Among our favorite hobbies are camping, fishing gardening, and hiking. I personally enjoy fishing, golfing, and hunting."

Dinner: \$30, formal. Cocktails at 6:00, dinner at 7:30.

Golf: Gross and net tournament, but you may play without entering tournament. Tee times from 12 noon to 2:00 p.m. You must call the pro shop: 703-631-9562. Cost: \$10 for golf, \$10 for cart.

Directions: From I-495 take I-66 West. Continue to exit 53—Rte 28/Centreville. Follow signs for Route 28 North toward Dulles Airport. After the left turn onto Route 28, immediately move into the left lane for the next traffic light. Turn left at light onto Braddock Rd (Rt. 620). Go approximately 2 miles to club entrance on your left.

Inside this Issue

_2
_2
3
3
4
6
7
8

MAAGCS Board of Directors

President, Lou Rudinski 410-222-7923; fax 410-222-3453 Past President, Steve Potter 410-486-8280; fax 410-486-1491 Vice President, Scott Wagner 301-598-1580; fax 301-598-1580 Secretary, Bill Shirk 410-827-7518; 410-827-5258 Treasurer, Dean Graves 301-365-0100; fax 301-365-4112 Education, Sean Remington 301-656-6323; fax 301-656-8106 Golf, James McHenry 410-479-0666 Social/Benevolence, Gordon Caldwell 410-363-2248; fax 410-363-9499 Membership, Mike Gilmore 410-465-0595; fax 410-465-9282 Communications, Steve Cohoon 703-554-2915; fax 703-554-2919 Finance, Bernie Beavan 301-475-8170

MAAGCS Newsletter © 1994 MAAGCS Editors:

Betty C. Ford, 301-384-9666; fax: 301-384-4683; Marilyn Dorfman, 410-730-5877 Advertising: Steve Cohoon 703-554-2915; fax 703-554-2919

Published 10 times a year. Submissions welcome. Send information to MAAGCS, 12704 Rigdale Terrace, Silver Spring, MD 20904.

O Many apologies to the membership for the lateness of the newsletter last month. I shoulder all of the blame for not getting it out to the membership in a timely fashion. It is interesting though that all complaints went to everyone but me. Please, if you have any comments, good or bad, contact me directly so that you can get the full response right from the "horse's mouth" (no, I said horse's mouth!) I assure you that I will work harder not to have this happen again.

O In other news-last month I reported that William Angerer has relocated to Fairidge CC. Two other members are now employed there also. Carol Offenbacker started there last year and Don Doxee, formerly of Crofton Golf Course, have joined the team. Sounds like Fairidge CC has taken a cue from the NFL and Jumped with both feet into the free agent market. Good luck to you all in turning around the program there. O Congratulations and howdy neighbor to Tom Lipscomb who just took a new position in my area at Port America Golf & CC in Ft. Washington, Md. Good luck, Tom. I'll see you soon.

COHOON'S CORNER **GOLF NOTES**

Congratulations to Fred Heinlen and Bob Baldassari of River Run CC for their victory in the Superintendent/Pro tournament. It took a playoff to decide this year's winner. Looks like the President's Cup will spend a year on the Eastern Shore.

Many thanks to Keith Hershberger and the entire staff at Old South CC for the excellent condition of the golf course and the fine hospitality extended to us. Congratulations, gentlemen, on a job well done!

Winners for the day were: 1st Net (President's Cup) —Fred Heinlen & Bob Baldassari; 2nd — Tim Sage & John Gosnell; 3rd — Glenn Smickley & Jim Muething; 4th —Bruce Steinmiller & Dave Hansinger; 5th —Paul Krout & Bob Leeman; 6th —Corey Haney & Joe Max; 7th -Jeff Blind & Allen Wronowski; 8th-Dean Graves & Jim Folks; 9th —Chris Ayers & Bob Dolan; 10th—Archie Hall & Butch Butler.

1st Gross -Mike Evans & Larry Ringer. Closest to the pin #3—Bill Shirk; closest to the pin #8 —Dave Hansinger; closest to the pin #14 -Joe Max; closest to pin #16 —Corey Haney. Long drive #5 -Glenn Brown; long drive #11—Archie Hall.

Congratulations to all the winners!

I would also like to thank our sponsors for the day. Without their help, a tournament like this would not be possible. G.L. Cornell—Beverage Cart; Finch Services—Luncheon; Egypt Farms—Closest to pin; Turf Diagnostic-Closest to the pin; E Z Go-Long drive; LESCO-Hole sponsor; Ken Cominsky-Hole sponsor; Finch Services-Hole sponsor; Ault, Clark & Assoc.—

Keith Pitchford • Michael Guercin Urban Forester/Consultants

BRANCHES TREE EXPERTS

- Professional Arborists & Entomologist
- Tree Maintenance Contracts
- Pruning Fertilizing Tree Removal
- · Gypsy Moth Spraying · Elm Treatment
- Integrated Pest Management
- · Tree Invetory · Stump Removal · Spraying

LOW WINTER RATES CALL FOR CONSULTATIONS

MARYLAND (301) 589-6181

VIRGINIA (703) 243-8509

· Licensed · Insured

See Golf Notes, page 3

Golf Notes, continued

Cocktails; TESCO—Gross Division; Carroll Tree Service— Closest to pin; Davisson Golf— Closest to pin; Scotts—Hole sponsor; Lofts Seed—Hole sponsor; Harford Minerals—Hole sponsor; TESCO—Hole sponsor; Turf Diagnostic—Hole sponsor.

June's golf will be a grossand-net tournament. Tee times are available from 12 noon to 2:00 p.m. You must call the Pro Shop for a tee time—703-631-9562. Cost for carts will be \$10 and the tournament will cost \$10. You do not have to be in the tournament to play golf.

James McHenry Golf Chairman

T T T

Miscellany & Nonsense

A test conducted by the USGA proves that golf shoe spikes with recessed flanges cause far less damage to greens than normal spikes.

The average golf shoe has 12 spikes, and the USGA had computed that a player averages 28 paces per green; 28 paces times 24 spikes means 672 impressions; 672 impressions times 18 greens equals 12,096 per round per player.

Assuming the 200 rounds are played each day on a course, the greens receive 2,419,200 impressions daily, or more than 72 million holes each month.

Perhaps you should encourage your pro shop to stock only these spikes.

2 2 2

"Caddy, why do you keep looking at your watch?" asked the curious golfer.

"It's not a watch, sir. It's a compass."

From Does a Wild Bear Chip in the Woods? by Lewis Grizzard

EDUCATION NOTES

Seeing is Believing

Have you ever wished you could show your committee or membership what a proposed project would look like when finished—before it was started—in order to help sell the idea? If the answer is yes then our speaker for June has just the thing you need. Computer Aided Design or CAD.

Mr. Charles Priestly CGCS, formerly with Geneva Farm Golf Club, will present to our association the latest technology in terrain mapping and modeling and its applications for golf courses. As president and systems engineer for CADLinks, Inc., Chuck is currently busy with many projects in the Mid-Atlantic. He developed his computer, aerial photography, and infra-red imagery skills during his time in the U.S. Navy. This combined knowledge and engineering background were refined through practical application as a golf course superintendent.

Terrain mapping and modeling can be used to create very accurate as-built and 3-D maps of an existing golf course, document problem areas, plan changes, and generate data for bidding purposes when a project is on the agenda. These are a few of the many things that can be done with CAD. So, if you have a troublesome green, need to remove some trees or are renovating a bunker, green, an entire golf course, or building a new course, you will benefit from this presentation. See you there.

> Sean Remington Education, Chairman

PRESIDENT'S MESSAGE

The Superintendent/Pro tournament at the Old South Club was, as promised, a grand event. Superinten-



dent Keith Hershberger and his staff are commended for a wellconditioned course. Bentgrass is alive and well in the Mid-Atlantic region! Unfortunately my game left with the eclipse. Presidential treatment (my golf car had everything but my golf game) was extended to me by MAPGA President Bob Fretwell. He and his staff were most helpful in organizing this tournament. Thank you Bob! Club Manager, Craig Reinhart capped off the day with a great cocktail hour, and very enjoyable dinner. The membership at Old South can be proud of their entire staff.

The next meeting is at Chantilly National Golf and Country Club with Tom Knoll our host. Many improvements have been made since we last visited Tom's golf course. Education Chairman, Sean Remington has scheduled a presentation on computer design. Speaker, Charles Priestly CGCS will discuss the CAD System and how it can be beneficial to your golf course.

Lou Rudinski, President



Putting an End to Weekend Scheduling Woes

Reprinted with permission from Tee to Green, newsletter of the Metropolitan GCSA

If you're tired of cajoling crew members to come in for their weekend tour of duty, you might want to give some thought to Superintendent Mike Reeb's laborscheduling program. Not your run-or-the-mill approach to scheduling, the program's not only put an end to weekend work woes, it's allowed Mike to virtually eliminate all overtime-two side benefits to a program Mike says he developed two years ago expressly to create more reasonable and attractive work hours for his staff.

Though he's the first to admit his approach may not be appropriate for *every* golf course maintenance operation, Mike claims it's been well received—by both his crew and Green Committee—at the Country Club of New Canaan in New Canaan, Conn. Here are the ins and outs of how it works:

Program Basics
The New Canaan maintenance department operates seven days a week, year-round. Mike, his assistant, and each of his crew members—eight full-time and four seasonal—work five days a week, with one day off during the week and one day off during the weekend.

Toward the end of each month, Mike and his assistant, John Howe, draw up a schedule for the next 30 days, taking into account employees' advance requests for specific days off or vacation time. (Employees may take vacations any time of the year, providing they don't interfere with prepwork for a special event.)

This advance planning process helps guarantee that the department is never shorthanded and can complete its work without overtime—something traditional workweeks rarely permit. Mike says cutting overtime has freed up enough funds to hire an additional full-time person.

Unless otherwide requested, employees' days off are randomly distributed and vary from week to week. Though it's possible for employees to have two consecu-

OAKWOOD SOD FARM

MEYER
ZOYSIA
VAMONT
BERMUDAGRASS
TUFCOTE
BERMUDAGRASS

FORKLIFT DELIVERY

335 HAMPSHIRE RD. SALISBURY, MD 21801

(410) 742-3086



tive days off (e.g. Sunday and Monday), it's more the exception than the rule.

Once completed, the schedule is posted above the time clock, and everyone is responsible for adhering to it without reminders.

Making the Program Work
First, it's critical that you gain
complete support from your green
committee and general membership. Though you would naturally
avoid some of the more disruptive
maintenance procedures during
the weekends, members must be
willing to see some maintenance
activity throughout the day on
Saturday and Sunday. After all,
with this program, everyday is a
full workday.

Second, hash out the program details with crew members before implementation. Invite their input—their comments, suggestions, and concerns. If they feel a

part of the decision process, they're more apt to buy into the program. One concern Mike had to address at New Canaan was the loss of overtime wages. Mike met the employees halfway bo offering full-time workers a pay increase, or differential, to partially compensate for the discontinued overtime wages.

Third, cross-train your employees so everyone is capable of performing a variety of maintenance tasks. The advantage: you'll be able to complete any job, no matter who has the day off. New Canaan's maintenance crew, for instance, now has nine employees with an operators Pesticide License, so the department's never caught without a trained pesticide applicator when a disease makes a surprise appearance.

Last but not least, remain flexible. Other issues may arise

after the program has been in place for a while. If you're flexible, you can accommodate employees' individual concerns without jeopardizing other crew members' morale or satisfaction with the program.

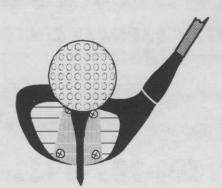
Program Pluses

The greatest advantage of this approach is flexibility—from both a management and maintenance perspective. Cross-trained employees are able to rotate their duties, which not only keeps their work interesting, but also allows them to swap days off with each other in a pinch.

On the maintenance end, Mike says they've improved the department's attention to detail by scheduling some of the smaller, often overlooked jobs for the

See Scheduling, page 7

Outside Unlimited, Inc.



SPECIALIZING IN GOLF COURSE CONSTRUCTION

- Green & Tee Construction (Natural & Artificial)
- Irrigation (New & Trouble Shooting)
- Sandtrap Installation & Repair
- Hydroseeding & Sodding
- Landscape Installation & Design
- Wholesale Nursery

252-3027

239-2153

4195 St. Paul Road

Hampstead, Maryland 21074

LANDSCAPE CONTRACTORS ASSOCIATION
MID-ATLANTIC ASSOCIATION OF GOLF COURSE SUPERINTENDENTS
MARYLAND NURSERYMEN'S ASSOCIATION - MARYLAND ARBORIST ASSOCIATION
PROFESSIONAL GROUNDS MANAGEMENT SOCIETY



MAAGCS 1994 Golf Tournaments

June Gross and Net Chantilly National G& CC

July [University of Maryland Field Day]

August Annual Picnic Hobbits Glen

September Two-Man Championship The Beach Club

October Individual Championship TBA

November Four-Man Scramble Maryland Golf & CC



Serving D.C., MD & VA Since 1936

G.L. CORNELL COMPANY

"Rain Bird U.S. Golf Distributor of the Year" in '93

We stock the full line of Rain Bird products, PVC pipe, fittings, wire, and all other components in your irrigation system.

We also offer the superintendent valuable services such as repair - both in shop and on site, demonstrations, seminars and irrigation system design.



800-492-1373



Scheduling continued from page 5

weekend. One improvement he's noted: a neater, more organized maintenance area. On the course, they've been able to regularly tend to such hard-to-get-to tasks as weeding flower beds and edging walkways.

But probably more significant in Mike's mind is that the sevenday work week has enabled the maintenance operation to respond more quickly—and easily—to the unexpected. Whether it's an equipment breakdown, a change in weather, or the sudden rescheduling of a tournament, someone's always on hand to take immediate action. The end result: improved member satisfaction.

If you'd like more information about Mike's labor scheduling program, feel free to contact him at 203-966-2145.

In Memory of John S. Connolly

John S. Connolly died May 5, 1994, in Delray Beach, Fl. at 85.

John founded the turf equipment firm, J. S. Connolly, in 1936, having worked four years as Greens Superintendent at Army Navy CC in Arlington, Va. He sold the equipment firm in 1946 to his brother-in-law, George Cornell.

John was a long-time member of the Mid-Atlantic Superintendents' Association and was among the longest term members of the National Association.

He built and owned the Fairfax Country Club in Fairfax, Va. in 1940 and 1945. He later sold the Club to a New York firm which sold it in turn to the Army Navy Country Club.

John had a fine golfing

career—having won, among other titles, the GCSAA Championship, the Virginia State Senior's Championship, and the Burning Tree Club Championship.

He served as President of the American Senior's Golf Association and was later elected a distinguished senior of that organization. He also served as President of the Washington Golf and Country Club in Arlington, Va.

John is survived by his wife, Adelaide, and a son, John S. Connolly, Jr. Also surviving are four grandchildren and six greatgrandchildren.

There will be a family memorial service in Chautauqua, New York during the summer.

Member of Member of National Arborists International Society Association of Arboriculture Carroll Tree Service, Inc. Gertified Arborists Est. 1950 653-9070 All Phases of Professional Tree Care • Pruning • Fertilizing • Insect and Disease Control Removal of Trees and Stumps • Cabling • Lighting Protection Hazardous Tree Inspection We have worked with many of the top golf & country clubs in the Baltimore area for as long as 25 years. Gall for references. Serving Baltimore, Howard, Carroll, Anne Arundel, Harford & Montgomery Counties. STEVE MAYS - ROB NELSON



Carroll Davis Retires

After a working career of 61 years, Carroll decided to call it quits and smell the roses for a while.

Carroll began his career in 1933 testing milk for Baltimore County. His sales career began in 1938 when he went to work for Southern States in Bel Air, Md. Shortly thereafter, due to the increase in sales at the store as a result of some of his innovative ideas, he was promoted to manager. He was so good as a manager that Southern States transferred him to straighten out the store in Middletown, De. It was at this time that he married Thelma Smith in 1941. His war began about the same time as World War

Carroll changed jobs in 1948 where he was employed by Harry T. Campbell & Sons, which later became Flintkote, and subsequently Genstar. He began calling on golf courses in the mid 1950s selling bunker sand and lime, and was best salesman of the year in 1962. At this time Carroll became known as "The Sand Man," or to some of the younger superintendents, Mr. Davis. He served in this capacity making many friends in the industry and teaching many people about sands until October, 1980 when he became sixty-five and retired from Genstar.

He was employed by Egypt Farms at that time until December 1993 doing what he loved best, serving the golf courses of the area and visiting his friends.

Carroll has three daughters and six grandchildren who keep him busier than he wants to be at times. He and Thelma celebrated their 50th wedding anniversary in 1991, and she is still telling him what to do and is still commander in chief of the Davis War Department.

I consider Carroll one of my best friends, and even though he was an employee of my company, I never thought of him in that capacity. We worked together on many projects as partners over the years, and Egypt Farms would not be where it is today without Carroll's input and help.

We all will miss the "Sand Man" and his jokes and good humor on a regular basis, but I expect to keep him as active as he wants to be by taking him to some of the outings and continuing his relationships with his friends.

John W. Strickland, President Egypt Farms, Inc.

Sterilized Egypt Farms, Inc. White Marsh, MD 21162 (410) 335-3700 (410) 335-0164 FAX 1-800-899-SOIL (7645) especially formulated for your . IBDU and Dal' CX. area to specifications recommended by leading universities SHAWS Fertilizer and testing laboratories. PERFORM **EXCLUSIVE WITH EGYPT** FARMS: All materials are Liquid Fertilizer thoroughly mixed and sterilized Milorganite by indirect heat in our special process. The sand particles are actually coated with a mixture . AQUA-AIT of top soil and peat humus for completely homogenous mixture that will not separate dur-Wetting Agent ing handling and spreading. **COMPUTERIZED BLENDING** AQUA-R of soil mixtures for a superior growing medium. Soil Penetrating **CUSTOM ON-SITE SOIL** Root Stimulant **BLENDING AND TESTING** AMPEL Pelletized with a portable computerized Dolomite & High Calcium Lime **Erosion Control &** Greens Blankets Bunker Sands

Introducing Scotts Turplex, BioInsecticide...A breakthrough in naturally derived pesticides.

Extracted from the seed of the neem tree, azadirachtin, Turplex's active ingredient, acts as an insect growth regulator for effective control of cutworms, armyworms and sod webworms. It's the biorational alternative designed for today's integrated pest management programs.

Call your ProTurf Tech Rep

or 1-800-543-0006 for details.





Mid-Atlantic Newsletter Supporters

ACE TREE MOVERS, INC.

Wholesale nursery stock, mass plantings, large replacement or specimen stock, custom digging or trans-

Jeff Miskin, Robb Gerard, Lizanne Selthoffer Metro: 301-258-0008

AQUA-FLO, INC.

Buckner irrigatin systems and design, aerators, pump systems, irrigation accessories.

Phil DeMarco, Hammonton, NJ 609-561-1777 Rick Hill, Chantilly, VA 703-968-7081

B&G TENNIS SUPPLIES

Tennis Nets, Tenex tapes, nails, drag brooms, Shooks, line sweepers, Ty Wraps, Tidy Courts, Rol Dri's, Har Tru surfacing material,6&9 foot open mesh or closed wind screens, Herrons rollers, ball barrier netting, crowd control netting, The Fairway drag system. Grant Pensinger, Bob Miller 301-653-2219

CENTREVILLE SOD GROWERS

Bluegrass, sod blends, turf-type tall fescues and bentgrass

Sheldon & Craig Betterly

703-361-8338

W. A. CLEARY CHEMICAL CORP.

Quality turf and ornamental products, including fertilizers, fungicides, herbicides, insecticides, and specialty chemicals. N.J: 908-247-8000

Toll free: 1-800-524-1662

Bob Uhler

W. Va: 304-496-7771

COMINSKY, KEN

Vertidrain® & Hydrojet Service

Complete solid or core aeration using Verti-Drain. Added this season, a Hydrojet to allow aerification any time during the growing season. Call today for your appointment.

9891 Molloy Way Warrenton, VA 22186 703-347-4210 703-347-4247

CORNELL CHEMICAL & EQUIPMENT CO., INC.

Golf course chemicals

Don Klein, Tom Walsh 301-636-2400 800-235-6138

C.Z. ENTERPRISES, INC.

Water well and pump service, repair; 24-hour emergency service to wells, pumps and irrigation equipment and controls. Preventive maintenance contracts, annual testing and inspection available.

Kathy Powers Conrad Zittinger

Balt: 301-841-6710 Wash: 301-261-8855

DAVISSON GOLF, INC.

64 Cedar Avenue, Towson, MD 21204

Distributors of Isolite, Menefee Humate, Ironite, Grow Plex, Quill Tuft Range & Logo Mats, O'Malley Mulch, Seedco Seed, Allen Hover Mowers, Bunton Tee & Green Mowers, Kirby Yardage Markers, Modern Haz-Mat Concrete Buildings.

Tim Davisson Ken Braun

410-823-4203 410-823-4229

EGYPT FARMS, INC.

Golfgreen topdressing, computer controlled precision construction mixes, white bunker sand, IBDU & Par-Ex fertilizers, R&R parts, Aqua-Aid, Aqua-Root, Penncross Bentgrass Sod, Ironite, Geo textile products, gypsum,

John Strickland, Ray Bowman, 410-335-3700 Dean Snyder, Carroll Davis, 800-899-7645 Dave Cammarota, Jeff Lacour fax 410-335-0164

E-Z-GO MID-ATLANTIC

E-Z-Go turf & utility vehicles, personnel carriers, new and used golf cars.

Rick Arnold, Bob Post, Paul Tideman,

Roscoe Shupe 1-800-962-3804 FINCH GOLF AND TURF COMPANY

John Deere turf equipment, Brouwer turf & harvester equipment, Kubota tractors & mowers, TI grinders &reels, Coremaster, AgriMetal & Saxon blower/

vac, Landpride, Harley Rakes, Kawasaki Mules EdChilds, Mike Reynik, Ray Finch

> 800-78-DEERE Baltimore: 301-876-2211

G.L. CORNELL COMPANY

Jacobsen & Cushman/Ryan turf products, Rain Bird, Club Car, Smithco, Turfco National, Red Max, Bernhard, Foley Standard & Par-Aide Golf Supplies.

Larry Cornell, Terry Hill, Dave Fairbank, Bob Lynch, Bob Clements, Wayne Evans, Bill Brown 301-948-2000 - 800-492-1373

HARFORD INDUSTRIAL MINERALS, INC.

TD1000, topdressing blend, TnG for bunkers and Straight Sand topdressing, CMplus and filter layer for

Dorothy Stancill, V.P.

301-679-9191

Represented by Prolawn Products **Thomas Malehom** 301-876-7474

Robert Kerr Mark E. Buiac

703-786-3405 301-464-5993

HELENA CHEMICAL COMPANY

A major Distributor, offering a wide range of Fertilizers, Insecticides, Fungicides and Herbicides to the T&O market. We are also a Leading Manufacturer of Surfacants and Adjuvants. Ask about our PRO-MATE product line, providing Precision and Practicality for professional Turf & Ornamental needs.

Don Rossi Paul Albanese 410-515-9660 302-645-7082

JETER PAVING CO., INC.

Cart/Jogging Paths, Roadways, Parking Lots. Asphalt construction, repair, overlay, striping, sealcoating, crackfill.

Gene Snowberger

301-797-6941

G. ANTHONY KEEN CONSULTING

Specialist in interpreting the most technologically advanced soil, water, and tissue analysis to greatly enhance turf management. Affiliated with Brookside Laboratory Associates.

Tony Keen, Tak Keen

302-697-9575

LEA'S GREEN MEADOWS, INC.

Fertilizers, chemicals, grass seed, safety equipment, spreaders, sprayers, tools, supplies. Herb Lea, Harry Fridley, Bob Butterworth,

Sam Kessel

301-899-3535 800-552-TURF

LEBANON CHEMICAL CORPORATION

Manufacturers and formulators of Country Club Greens Keeper, and Lebanon Pro Fertilizer and chemicals for professional turf use.

Paul Grosh Chris Zelley 800-233-0628 215-757-4564 703-869-2826

Junior Ruckman

LESCO, INC.

A complete line of quality fertilizer and turf maintenance products. Ask us about the LESCO 300 & 300D greens mower and the LESCO 500D fairway mowers.

Ed Walker

800-321-5325

LOFTS Seed/MARYLAND

Golf Course Turfgrass Seeds, Fertilizers and Soil Amendments. Varieties Include: Crenshaw, Southshore, Pennlinks and Penncross Bentgrasses; Palmer II, Repell II and Prelude II Ryegrasses; Rebel II, Rebel Jr., Rebel 3D and Tribute Tall Fescues: 1757. Georgetown, P-104, Yorktown III, Ram I and Suffolk Bluegrasses; Fine Fescues, Hard Fescues, Ornamental Grasses and Wildflowers.

Tom Schiltz, John Patton Local: 301-937-9292 In/Out State: 800-732-3332; Fax: 301-937-1793

McDONALD & SONS, INC.

Golf course construction and maintenance.

John McDonald, Eric McDonald,

John McDonald II 301-799-7740 MOORE GOLF, INC.

Construction & remodeling of golf courses as well as irrigation systems.

David Canavan 703-825-9211

LONG FENCE

ljamsville, MD

Tennis Court Fence, Pool Fence, Golf Course/

Driving Range Netting 25'-50' high

Larry Ritter, Terrye Gamage

301-428-9040 800-222-9650

NEWSOM SEED COMPANY

Rockville, Maryland

Grass seed, new varieties, custom mixes fertilizers and chemicals

Strick Newsom, Mike Brumbaugh

Local: 301-762-2096 Fax: 301-762-9544

Nationwide: 800-553-2719

J. DAVID MULLINIX & SONS, INC.

14420 Howard Rd., Dayton, MD 21036 John Blue sprayers, Woods mowers, Ford, New

Holland Equipment. Mike Mullinix

301-442-2688

301-489-4363 OAKWOOD SOD FARM, INC.

Meyer & Belair Zoysia sod, Tufcote & Vamont Bermudagrass Sod, Turf Type Tall Fescue sod, Bluegrass Blend Sod. Forklift delivery.

Gary Wilbur 301-742-3086 Alan Wilbur

301-846-3542

PARKER CONSULTING

Tissue analysis for golf courses. Complete programs set up for entire year or as needed. Analysis of 12 elemental nutrients, desired ranges, and actual dry matter basis given. Nutrient trends found in tissue analysis on golf courses are shared with all clients. Will always run 3 free samples for any golf course. **Brook Parker** 804-421-3291(W), 804-468-1113

Fax 804-468-1113 PERFORMANCE TURF PRODUCTS, INC.

Offering bulk delivery and high floatation application of custom fertilizers, lime, and gypsum, also Par-Ex and Lebanon brand fertilizers in bags or bulk. Sod, seed, sand, and Adico chemicals also available.

Chris Adkins 302-422-211 PROLAWN PRODUCTS, INC.

Fertilizers, SUSTANE NATURAL ORGANIC; fungicides, herbicides, insecticides, etc. Grass seeds: Bents/ Ryes/Fescues/Blues, etc. Wildflowers; HARFORD MINERALS TD1000/SAND CMPLUS; limestone; gypsum; wetting agents.

Tom Malehom Robert Kerr

301-876-7474 703-786-3405

Mark E. Bujac

301-464-5993

Mid-Atlantic Newsletter Supporters

RHONE POULENC/CHIPCO

Leading Manufacturer of golf course chemicals 410-795-7903

RUPPERT NURSERIES, INC.

Ruppert Nurseries offers a full line of large caliper common and specimen trees available in-the-ground or balled-and-burlapped. Transplant work a

Chris Ruppert

301-774-0400

RUSSELL ROBERTS CO., INC.

Golf course design and construction.

Russell Roberts 301-253-4066 Jack Roberts 301-762-3270 Jimmy Roberts 301-977-7961

A.C. SCHULTES OF DELAWARE, INC.

Water well construction, pump installation, service and preventative maintenance. 24-hour emergency service. Serving all water and waste water needs. Service area in Delaware, Maryland & Virginia. 301-337-8254 William J. Jefferys

SCOTTS PROTURF DIVISION

Soil testing, programming, turf technology, fertilizers to meet today's needs. Herbicides -monocot and dicot weed problems. Growth regulators-new technology,

Robert Herring Rich Schneider

R. Michael Collison

Va: 804-747-7027 Md: 301-855-1366

De: 302-337-8255

SHEMIN NURSERIES, INC.

4100 Sandy Spring Rd, Burtonsville, Md.

One-stop horticultural distribution center. Trees, plant material, specimen plants, annuals, perennials, grass seed, fertilizers, mulch, irrigation.

Carl S. Ballas

301-421-1220

SLEEPY HOLLOW TURF MANAGEMENT Distributors of Floratine Products, Maruyama Equipment, Medalist Seed

Serving the golf course industry with turf grass biostimulants, foliar fed micro-nutrients & iron, soil conditioners, wetting agents, tank claner, defoamer, herbicide extender & medalist seed with a biostimulant seed dressing.

Sean P. Fifer

717-456-5172

STANDARD SUPPLIES, INC.

Complete line building supply company, plus erosion control products; drain tile and culvert pipe. Charlie Johnson, L. Christian Murphy

301-948-2690: 800-62-SUPPLY

SUMMIT HALL TURF FARM, INC.

Meyer Z-52 Zoysia (sod or plugs), premium Bluegrass blend (sod), improved Tall Fescue blend (sod), Penncross Bentgrass (sod), pelletized lime, Andgrow fertilizer products and custom blends, chemicals (herbicides, fungicides & insecticides) 60% WDG Pendi-

Brian K. Finger, Frank H. Wilmot 301-948-2900

TEBCO IRRIGATION

Specializing in golf course irrigation. Automation, service and repair, Pumping stations, trenching and root

Todd E. Bahnemann

301-856-5194

TERRY ASPHALT

P.O. Box 104, Glen Arm, MD 21057

Golf cart paths our specialty. Parking lot striping and lot clearing. 301-592-5343

TURF CENTER, INC.

Premium turf (Bluegrass, Tall Fescue, Bermuda Grass, Zoysia), grass seed & fertilizer.

Diana Patton, Emory Patton, Dave Van Kirk 301-384-6300

TURF EQUIPMENT AND SUPPLY, INC.

Toro turf equipment and irrigation, SDISprayers, LasTec Articulator Mower, Trion Lifts, Foley Grinders, Billy Goat Vacs& Blowers, Olathe Greens Roller, Selbro Blowers, Ditcher Saw, Baker Chippers, PSI Pump Stations, Otterbine Pond Aerators, TORO Bio-Pro Liquid Nutrients.

Bill Hughes, Lynn Matson, Lance Ernst, Mike Minard, Ron Hawkins, Rodney Avis, Todd Cowing, Gary Lynott, Jerry Riley.

Baltimore: 410-796-5575 D.C. Area/Northern Va.: 301-621-2975

TURF SEED, INC.

The research, production and marketing company. Developers of turf-type perennial ryegrasses, tall fescues, fine fescues, Kentucky bluegrasses and Bloomers wildflowers. Vanessa Jensen 301-855-1142

VIGORO INDUSTRIES INC

Par-Ex®slow release fertilizers for turf. Woodace® slow release fertilizers for ornamentals R. A. "Dick" Doyle 301-357-8056

Vigoro Industries, Inc., P.O. Box 512,

Winter Haven, FL 33882-0512 813-294-2567

R. E. WRIGHT ASSOCIATES, INC.

Westminster, Md.

Specializing in development and permitting of groundwater resources for golf course irrigation and engineering and installation of water supply systems. 410-876-0208

First Class Mail



Mid-Atlantic Association of **Golf Course Superintendents**

Betty C. Ford 12704 Rigdale Terrace Silver Spring, MD 20904 301-384-9666

> Reservations 301-490-6202