

Patch and Snow Mold

No more greens eaten up with snow mold!

"Six years ago I first tried 'Tersan'. . . I liked it . . . and that was it! When I arrived in February, the place was eaten up with snow mold. Since that experience, I use 'Tersan' as late as possible in the fall and never have snow mold now. We have three holes hemmed in by trees where brown patch always lurks to attack. But 'Tersan' stops it cold. I also use 'Tersan' to stop damping-off of new grass seedlings."

—Frank P. Dunlap, The Country Club,
Pepper Pike Village, Ohio



Hot or cold, "Tersan" is best

"After trying all the turf fungicides, I've decided 'Tersan' is the best to control brown patch and snow mold. I recall a hot July Saturday when brown patch started to set in at 2 p.m. By 3, we had some patches 2 to 3 feet in diameter. We went to work with 'Tersan' and sprayed all 18 holes. By Monday, the greens were clean! Since then I've been using a preventive 'Tersan' schedule. In the fall I spray as late as possible before snow, to prevent any snow-mold problems."

—"Mike" Matteo, Mayfield Heights Golf, Inc.,
Mayfield Heights, Ohio



Use "Tersan" right through the season and keep your greens in top shape in spite of attacks by brown patch, snow mold and dollar spot. "Tersan" is green in color, blends with the turf, comes in handy 3-lb. packages. Get "Tersan" now. Add special "Semesan" if you prefer to combine mercury with "Tersan."



"Tersan" and "Semesan"
are registered trademarks of
E. I. du Pont de Nemours & Co. (Inc.)

- c. Raise evenly and press with foot for smoothness.
5. Mowing shoulders, approaches and trap collars.
 - a. Mow regularly.
 - b. Be careful with mower, do not scalp or skin grass.
6. Repair divots.
 - a. Fill with soil if grass divots haven't enough roots to live.
 - b. Seed when necessary.
7. Eliminate all weeds and foreign grass from green.
 - a. Pull or cut out with knife.
 - b. Repair spot left from removal of foreign matter.
8. Keep area well groomed.
 - a. Keep clean of all weeds, Johnson grass, grass clippings, and anything else, such as paper, bottles, match books, etc.
9. Sprinkling.
 - a. Supplementary sprinkling as needed for good grass growth. Make a follow-up check of night sprinkling.
10. Report any condition which calls for greenskeeper's attention.
 - a. Fungus diseases, brown patch, dollar spot, copper spot or what seems to be a moldy condition.
 - b. All evidence of worms and grubs.
 - c. Any condition that requires help in fulfilling.
11. Applying fungicides and insecticides as directed.
 - a. Always under close supervision of superintendent.
12. Control of ants and gophers.
 - a. Use poison on ants with proper procedure.
 - b. Trap gophers, using spring traps provided.
13. Patching spots on greens as directed.
 - a. Make every effort to eliminate all bare spots.
14. Keep shoulders, approaches, and trap collars in good repair.
 - a. Fill and grass over all holes and low spots.
 - b. Level off all high spots that tend to scalp or where the grass is skinned off through mowing.
15. Keep hose coiled up and out of immediate playing area.
16. Keep all automotive equipment off green shoulders and approaches.

Traps:

1. Keep grass and weeds out.
2. Keep sand loose; don't allow to cake or harden.

3. Keep sand pulled toward edges. Do not leave steep edges.
4. Rake smooth and level lengthwise.
5. Report when additional sand is needed.

Tees:

1. Move tee-markers daily.
 - a. Keep tee-markers in good repair.
2. Repair divots.
3. Police and keep clear of all paper, rubbish, etc.
4. Report and ask for replacement of unsightly or damaged benches.
5. Service ball washers.
 - a. Keep ball washers clean, filled with fresh water, and replace towels daily.
6. Fertilize when needed.
7. Seeding.

Fairways and Roughs:

1. Mowing.
 - a. All fairways and up to green shoulders.
 - b. All roughs, including cleaning of underbrush around trees, shrubs and fences.
2. Check and follow-up night sprinkling and irrigation. Supplementary day sprinkling when needed.
3. Check for holes, ruts and rough spots.
 - a. Fill, level and seed.
 - b. Repair divots.
4. Keep fairways and roughs clean. (Papers, cans, trash, etc.)
5. All tools and equipment are to be given special care and properly stored.
6. Keep automotive equipment off green shoulders and approaches.
7. Avoid driving equipment across wet or soft areas.
8. Inspect regularly out-of-bounds and yardage distance markers and keep in good repair.
9. Keep all fences repaired and clear of grass and weeds.
10. Clean grass and weeds from rough areas and around trees and shrubs.

Sprinkling and Irrigation:

1. Sprinkling.
 - a. Sprinkling greens, tees, fairways.
 - b. Sprinkle on regular schedule, as directed by superintendent. Check daily for time set.
 - c. Check area for too much water or too little and report to superintendent.
 - d. A follow-up check on the results obtained.
 - e. Keep all automotive equipment off greens, shoulders and approaches.
 - f. Avoid driving equipment across wet or soft areas.

2. Irrigation (flood).

a. As assigned by superintendent.

Assist in All the Following Duties as Directed by Superintendent:

1. Mixing top dressing.
2. Hauling top dressing.
3. Repairing pipe lines.
4. Cleaning irrigation and sprinkler outlets.
5. Repairing sprinklers.
6. Repairing flags and flagpoles.
7. Fertilizing.
8. Control of weeds.
9. Keep all sprinkler valves level, smooth, and grassed around.

Columnist Tells What Supt. Wants Golfers to Know

ST. JOSEPH, MO., sports columnist Rosen acquainted golfers with problems of a golf course superintendent that infrequently are considered when tournaments are planned and conducted.

In the column "Roaring with Rosen" was printed:

"Clarence Radke, hard-working greens superintendent at the Country Club, has written us about the general set-up of golf tournaments from the standpoint of the maintenance crew.

"Too many players never think of the preparations for tournament play," says Radke. "To string the city match play tournament over a month upsets the maintenance schedule completely."

"As superintendent of maintenance at the Country Club, my complaint to the city golf association and the committees scheduling tournaments is that they never consult with the men responsible for the playing conditions of the course.

"When do players expect the maintenance crew to prepare a course for play? In a recent tournament here at the Country Club, some players were on the course at 5:30 a.m. No tournament should ever start before 9:00 a.m.

"It takes at least four hours to prepare a course for play. No tournament should be started on Monday, as there should be one day for feeding, aerifying and overhauling the course from the damage of Mr. Average Golfer.

"We realize without the average golfers there would be no need for golf courses. But certainly we need their co-operation. By realizing the tremendous effort and hard work that goes toward making the game enjoyable, the players can co-operate

by replacing turf and repairing ball marks on the greens.

"We in the maintenance department can overlook all of our troubles because we know someone is getting a lot of pleasure from our work. But it is very discouraging to see turf destroyed through negligence.

"The greatest enemy to golf courses is not insects, diseases or other natural causes. It is the players because of their unwillingness to co-operate in the little things that help keep their courses in playable condition and not understanding the problems of maintenance."

"So, fellow hackers and the more experienced artists of the links, take heed, Mr. Radke has given us food for thought. Let's consume that food properly."

Supt. Lauds USGA Juniors for Course Care

BOB PRICE, supt., Southern Hills CC, Tulsa, Okla., says lads in the USGA National Junior championship were more aware of their responsibilities toward course condition than any other championship players he's seen or heard about.

The kids repaired divots, ball marks on greens, didn't climb up steep banks of traps, and didn't scatter debris around. Price says Southern Hills will welcome those boys back any time. Price also remarks that if members of clubs all over the country were as considerate of course condition as the USGA boys' junior championship contestants, course maintenance would be a lot easier, better and cost less money.

Stanley Davies Dies

GOLF lost one of its most lovable, respected and loyal servants in the passing of Stanley B. Davies in mid-September. For 40 years Stanley served as professional at the Omaha Field Club but his sound judgment, his foresight and untiring energy had no boundaries in helping chart golf's great destiny in the United States. As a youth of 19 he left England for Omaha. He had borrowed his passage money which he repair after his first year as a club maker. Stanley was just as quick to repay the debt of gratitude he felt for the opportunities America had given him. He took out his first papers the day he became 21; he was at the recruiting station the day after America declared war in 1917. He suffered a stroke in 1947 but played golf during convalescence and credited the game with restoring his health.

Christmas Gift Campaign Ideas Pay Pros

GOLF Christmas gift business has benefited pros more than by the holiday seasonal sales volume. Several pros have commented that the comparison of advertising and sales methods that is possible during the Christmas sales campaign tips off effective methods to use the rest of the selling year.

Floyd Farley at Meridian GC, Oklahoma City, Okla., says that he and Fred Schindler, who is associated with Farley, start the Christmas selling right after Thanksgiving by telephoning several members each day. Floyd says he's tried every way that has been suggested and has found the selling instrument that covers all the territory and gets best results is the telephone.

"By phone you get a chance to learn what the member's shopping problems are and can make definite suggestions. "It is a helpful, personalized service instead of being just a general broadcast for business," says Farley. He adds: "Pro study of what a member and his family need in golf merchandise not only is valuable market surveying for Christmas business but indicates to the pro what he should be supplying for best service to his market the rest of the year."

Give Jauntt a Jingle

Jimmy Gauntt, pro at Oklahoma City's Twin Hills G&CC, also makes good use of the telephone in campaigning for Christmas business.

Jimmy puts his shop and home telephone number on a letter that opens his campaign for golf Christmas gift business. The home number gets Jimmy a lot of calls that can be handled outside the rush and crush of Christmas shopping. He will talk over what the member wants to buy then, if the member or his wife wants to see some merchandise Gauntt will take some stock around for inspection. Gauntt has found that mention of a wide price range of golf Christmas gifts accounts for a considerable volume of business.

Gauntt has found that it's the member's wives who do a great deal of the shopping personally or keep pushing their husbands so they buy instead of stalling, man-fashion, until five minutes before midnight

Christmas eve. Jimmy sends the following letter to wives of all his members:

WIN YOUR GOLFER'S HEART THIS CHRISTMAS WITH SOMETHING FOR HIS GAME HERE IN THE PRO SHOP

We've assembled, for your inspection, an outstanding selection of the very latest and newest in Golfing Equipment, Apparel and Accessories . . . whether it be an inexpensive accessory, smart apparel, complete sets of the latest in Woods and Irons . . . GOLF BALLS, WHICH WE CAN HAVE PERSONALIZED WITH THE INDIVIDUAL'S NAME IN HANDSOME, USEFUL CHRISTMAS BOXES AT THE REGULAR PRICE.

You'll find the perfect gift for your golfer in our wide variety of the game's most practical and popular items.

We'll help you win your golfer's heart this Christmas, with something useful and practical, something sure to please, something they'll remember you by. Why don't you call me, I'll be happy to help you get your Christmas worries off your mind.

Your Golf Professional,

JIMMIE GAUNTT.

P.S. For the personalized balls, we must have the order 30 days prior to Christmas.

GOLF SHOP PHONE—GA 7-2433

HOME PHONE—RE 6-8070

Butler Assists Santa Claus

Norman Butler, pro at Wright-Patterson GC, Dayton, O., considers Christmas golf business as one of the important services a professional should provide. He brings out the interesting and profitable slant of pro service to golfers and non-golfers in telling of his campaign.

Says the competent pro golf businessman Butler:

"The emphasis GOLFDOM is placing on Christmas merchandising in the pro-shop is a much-needed thing, and I am sure it is making a great many professionals awaken to possibilities neglected before. In spite of the publicity, however, there are still a surprising number of pros who are not yet awake.

"Here at Wright-Patterson we are faced with a different situation, in that we're on

Ernie Sabayrac

Presents

THE TOPS FOR PRO SHOPS

- with this
MILLION DOLLAR SALES STAFF

CALI-FAME
CIRCO-SWING
JACKETS
FOOT-JOY SHOES
IZOD OF LONDON
PALM BEACH
SLACKS
OSCAR MAYER
IMPORTS
SERBIN, INC.
WESTWOOD



Standing L to R: Chester Kubik, East. Seaboard; Leslie DeFino, New Jersey and New York State; Mike Long, New York, Met. Area; Jack Murphy, New Eng. States; Johnny Burt, So. Eastern States; Danny Parilli, Met. Chicago; Bob Clark, Ark., Mo., Kan., Wyo., Colo.; Grant Robbins, Midwest area. Seated L to R: Don McCracken, Calif., Ariz., Nev.; Ernie Sabayrac; W. J. Brown, Mich., Ohio, W. Penna.; Bill Williamson, So. Ill., Ind., W. Va., Ky.; (Not shown — Ralph Kelle, North West area.)

Yes, Mr. Pro, this year our "Tops For Pro Shops" sales staff sold to golf pros exclusively over a million dollars in sportswear and wearing apparel. We hope you are one of the hundreds profiting from this fine sales record. Think of it — this is only our second year! Doesn't it open your eyes to the tremendously profitable opportunity awaiting you in sportswear sales?

How did we do it? I'll tell you: 1—We offer only the finest sportswear available; all nationally advertised for your benefit. 2—Our pros pay the same price as our manufacturers' biggest outlets, no middlemen—thus, our pro customers sell the finest at competitive prices. 3—We have the most complete line ever offered golf pros, from shoes to headwear, styled to satisfy your most discriminating men and women, in all price ranges. 4—Our men are specialists in sportswear merchandising, ready to help you make the most of this amazingly fast-moving, decidedly profitable business.

Our salesman will soon be in to see you with the newest and smartest in sportswear for 1954 and for Xmas selling. Wait for him and see "The Tops For Pro Shops."

Merry Christmas and a Prosperous New Year.

Ernie Sabayrac

NATIONAL
SALES AGENT

396 Payne Drive
MIAMI SPRINGS, FLORIDA

Surprise Your Lady, Man or Junior Golfer with a Golfing Gift...

IRONS

GOLF CAPS

SHAG BAGS

SWEATERS

ARGYLE HOSE

GOLF SHOES

JUNIOR CLUBS

PERSONALIZED
GOLF BALLS



WOODS

UMBRELLAS

SHIRTS

CADDY CARTS

GOLF GLOVES

WIND BREAKERS

"PUTTING GREENS"

PERSONALIZED
CLUB COVERS

...From Your Pro Shop

call Gene Ra 1133

THIS FOLDER GOT CHRISTMAS BUSINESS

Gene Marchi, pro at Miami Valley GC, Dayton, O., sent out this folder for Christmas business last year and it scored way beyond what Gene expected. It should have done well because it has the personalized element with Marchi shown in his shop surrounded by stock that suggested Christmas shopping at the pro shop. The specific suggestions of gifts brought gift selection into sharp focus. The front of the folder was in green ink with a holiday ornament and the wording "Golfers believe in Santa too!" The line "call Gene, RA 1133" was printed in green and folded over as it appears in this cut. The folder, unfolded, measured 10 in. wide by 8 in. high.

a huge military installation with a membership of 5000 officers. Of the total membership, about one-fifth are golfers.

"We have no way of separating these from the non-golfers in the mailing list, so we canvas them all for Christmas gift business and thus get sales from the whole kaboodle. We begin with a sales letter in the October billing, which goes out on the 26th, and we follow with another letter, plus stuffers provided by the manufacturers, one month later. If a particularly well-prepared folder (such as MacGregor put out last year) is available, we stuff all mail boxes on the Base during the first week in December....

"The response has been excellent to this program, which was inaugurated when we came to W-P five years ago, and we now have a grand holiday business where none grew before.

"It is especially valuable here, because many of our customers will be transferred

out before spring and we would otherwise miss the business entirely.

"Even on military installations such as this where we compete with a PX not 500 yards away, there is a tremendous opportunity to build a substantial business and at the same time offer a valuable service to club membership through smart buying and planned promotion of Christmas sales."

Personal Campaign Pays — Cantrell

Warren Cantrell, pro at Hillcrest CC, Lubbock, Tex., believes that eventually golf goods manufacturers or printers of syndicated advertising will provide professionals with the scope of high class Christmas gift advertising that can be bought by pros at moderate prices and imprinted with the individual pro's name and address.

"Some of the manufacturers' material is excellent but it doesn't have enough range," says Cantrell. "The pro to beat the stores and to compete with the gift advertising in other lines has to use high class stuff and

The "NATURAL" gift for any golfer

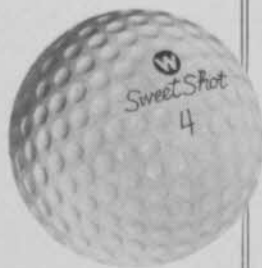
...sure sales hit with your players!



Here they are! New 1954 Sweet Shots—each stamped with the distinctive red "W" that labels them *golf's finest!*

And as an *extra* boost for your Christmas gift sales, each ball will be *imprinted free* with the golfer's name, in lots of one dozen. It's a natural—a *personalized*, easy-to-sell gift suggestion that your golfers are bound to like!

Start taking orders *now* for personalized Sweet Shots—and order early to insure delivery in plenty of time for Christmas!



49th Year,
Specializing in
Golf Ball
Manufacture

Worthington

WORLD'S LARGEST EXCLUSIVE GOLF BALL MAKER

THE WORTHINGTON BALL COMPANY • ELYRIA, OHIO

cover almost everything from a new set of clubs to an accessory that costs a dollar. I've tried many approaches to solving this problem and have found that personal solicitation of people who are not visiting the shop during November and December is the surest way of getting Christmas golf business."

Use Poster, Letter — Strong

Lou Strong, pro at Park Ridge (Ill.) CC, has done very well with a Christmas gift folder, letter and postcard mailed members. His illustrated four-page folder has been shown in GOLFDOM. His postcard advised members that his shop is open during weeks prior to Christmas.

Along with his folder illustrating golf gifts Strong sends the following letter:

Dear Member:

The most personal of Christmas Gifts for the golfer is something for golf, whether it be a nice set of clubs, a putter or some other needed implement to improve his game, or perhaps a sweater or various accessories that add to the golfer's comfort. In this respect I have a complete stock of nationally famous merchandise for your convenience and selection.

The enclosed folder might give you some ideas, or better yet, why don't you drop in and "browse" around. I know pretty well what equipment each member has, a good idea of his likes and dislikes, and I might be able to give you some suggestions as to what he or she needs.

The Pro Shop is open daily and Sunday from 9:00 A.M. until 5:00 P.M., or for your convenience any evening by appointment. Purchases will be gift wrapped and may be included on your monthly bill or paid for separately, as you prefer.

Your Pro Shop Staff and I take this opportunity to wish you and yours a very Merry Christmas and a Happy New Year.

Yours very truly,

LOU STRONG.

Xmas Is a Gift to Pro

Christmas golf gift business isn't delivered to the pro by Santa Claus sliding down the chimney. The pros work and use their heads. Comment of pro businessmen who have given their Christmas gift sales opportunity a great deal of thought and action are significant.

Some highly successful pro businessmen say:

"Business up 40% last December, using letters, gift certificates and folders, to both husbands and wives."—Willie Hunter, Riviera CC.

"We do more business in December than any other month. All of it Xmas sales."—Joe Capello, Aronomink GC.

"I close Nov. 1st but open the pro shop three evenings during December for Xmas business." — Walter Biber, Kalamazoo (Mich.) CC.

"Close Nov. 1st but continue to solicit Christmas business with folders, displays, certificates and phone."—Denny McGonagle, Elks CC.

"I contact my members at their place of business after Nov. 1st. I start my Xmas selling at the club Sept. 1st." — John Brooks, Sunnyside CC.

"I use newspaper ads, letters, folders, telephone, certificates and television shopping show made available in return for services rendered the station."—Irvin E. Schloss, Mt. Pleasant (Md.) CC.

"After several letters including folders I make phone calls for an appointment to suit the prospect."—Rocky Schorr, Bluefield (W. Va.) CC.

"Along with manufacturers' folders and certificates I decorate the shop in Xmas atmosphere to give members that 'ole feeling.'"—Jimmy D'Angelo, Dunes GC.

"I use letters and manufacturers' folders. Experience shows that the more advertising I send out the bigger my returns."—Roy M. Moe, Spokane (Wash.) CC.

"In addition to letters, gift certificates, telephone, etc., I make personal contacts from list made during the season."—Wayne B. Clark, Helfrich Hills (Ind.) GC.

"Besides letters, folders, certificates, etc. I write parents of caddies offering discount on purchases for caddies."—Ade Jensen, Racine (Wisc.) CC.

"After the pro shop closes Nov. 11, I solicit Christmas business from the house using the telephone and local newspaper ads."—Henry Bontempo, Franconia GC.

"Starting Nov. 1st we send six different letters to all members, wives and juniors. We also use our own and manufacturers' folders, gift certificates and telephone calls."—Joe Robinson, Virginia CC.

"I keep a record of who bought Christmas gifts from us last year and who they bought them for. Use all GOLFDOM's suggestions."—Theo. Wikster, Johnson City (Tenn.) CC.

"I send a letter to all members thanking them for the year's patronage and suggest appropriate golf items for Xmas gifts."—Eddie Hogan, Riverside (Ore.) G&CC.



Below are tabulated the agencies authorized as exclusive distributors of Stroke-Master Shoes.

This distribution set-up has proven its ability to speedily serve our Pro Shop customers by having an extensive In-Stock supply available in each allotted area.

Please mail all Stroke-Master orders to nearest distributor.

STROKE-MASTER SHOES -- Freeport, Maine

<i>Distributor</i>		<i>Territory</i>
ED FROST 7011 Junius Street Dallas, Texas	Arkansas Kansas Louisiana Oklahoma	Missouri (Not St. Louis) Texas (Not El Paso)
JAYSON PRODUCTS CO. 833 Grandview Avenue Columbus, Ohio	Kentucky Michigan—Eastern (West to Ann Arbor; North to Saginaw)	Ohio Pennsylvania (Pittsburgh District)
IRA D. MALBROUGH, JR. Great Lakes Golf Ball Company 6641 South Western Avenue Chicago 36, Illinois	Illinois (Chicago Area) Wisconsin Minnesota Iowa Nebraska North Dakota South Dakota	Indiana (Gary, Michigan City, Whiting) Michigan (From Jackson west) Missouri (St. Louis only)
E. J. SMITH & SONS CO. 1100 Elizabeth Avenue Charlotte, North Carolina	North Carolina South Carolina Tennessee Virginia West Virginia	Georgia Florida Alabama Mississippi
WALTER A. STEINWAY 571 East Tenth Street Box 144 Azusa, California	Arizona California Colorado Idaho Montana Nevada Oregon	New Mexico Utah Washington Wyoming Texas (El Paso only)
PEDERSEN SALES CO. Wilton Connecticut	Maine New Hampshire Vermont Rhode Island	Connecticut Massachusetts New York
GOLF ACCESSORIES, INC. 7217 Eighth St. N. W. Washington 11, D. C.	New Jersey Delaware Maryland Washington, D. C.	Pennsylvania (Except Pittsburgh area)

Florida Holds First Annual Turf Conference

THE nation's youngest turf research and development program made its official debut in August when the Sunshine State had its first annual University of Florida Turf Conference co-sponsored by the Florida Turf Association, the Univ. of Fla. Exp. Station, and the Agri. Extension Service.

Over 125 persons were on hand to attend the educational sessions, review the research plots, participate in the golf tournament, and enjoy a superb banquet at the Gainesville G&CC.

The conference was opened with a welcome address by Dir. Willard Fifield, Univ. of Fla. Agri. Exp. Station, who pointed out the economic importance of turf in Florida and reaffirmed the interest and intent of the Experiment Station in expanding the turf research program.

Dr. O. J. Noer graced the conference with his wisdom and personality despite the inconvenience of close scheduling. After attending the Metropolitan GA meeting in Detroit the previous night, he was on hand at the Univ. of Fla. as the kick-off speaker the next morning. Dr. Noer discussed factors affecting the root development of turf grasses. He pointed out, among other things, the importance of proper soil structure to root growth.

B. P. Robinson, turf specialist, with the Southeastern Turf Research Center, Tifton, Ga., shared with the conference the benefit of his wide experience in dealing with weed control problems in the south. "Robbie" pointed out that chemical weed control had a place in golf turf, but that sterilization of compost, prior to planting, and proper management were important.

Dr. Gene C. Nutter, in charge of turf research and development in Florida, discussed the various angles of the State Turf Research Program. He pointed out that the tremendous tourist influx in Florida to enjoy the climate, also enjoyed other facilities, and that one of the principal facilities was ornamental and recreational turf. Dr. Nutter discussed the aims and progress of the new turf program and presented data from the bermuda grass testing and evaluation program.

Other outstanding speakers on the program included Dr. Roger W. Bledsoe, agronomist with the Agri. Exp. Station,

who discussed some fundamental aspects of plant physiology as related to the growth of turf grasses. Prof. John V. Watkins, the College of Agriculture, brought out the importance of proper care of ornamentals, and J. Russell Henderson, Extension agronomist, pointed out five important soil characteristics held the key to proper



Plots shown above are in the Bermuda Grass Testing and Evaluation Nursery, a part of the turf research and development program at the Univ. of Florida Agri. Exp. Station.

grass production in Florida. They are: soil texture, organic matter, reaction of the surface soil, depth of clay sub-soil, and the water table.

Two interesting and informative panels contributed greatly to the conference. Jimmy Blackledge was moderator of one which discussed "Major Problems in Different Fields of Turf" and included as speakers, Nash Higgins, representing athletic and recreational fields; T. A. Johnson for cemeteries and memorial parks, and Clinton Van Cleef speaking on public parks. The second panel dealt with insect pests and diseases of turf grasses, Dr. Nutter served as moderator and presented a talented group including entomologists A. N. Tissot, F. E. Guthrie, D. O. Wolfenbarger, and E. G. Kelshimer; and Mycologist Erdman West, all with the University Agri. Exp. Station system.

The second afternoon was devoted to a Field Day program in which J. Russell Henderson conducted a bus tour which included stops at the turf research nurseries (where the thatch reduction properties of the new West Point Verti-cut ma-