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Manufactured exclusively for the golf profes-
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Hats & Caps for Golf and Tennis

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ADJUSTABLE HEAD SIZES

TWO-TONED BEAUTY in GOLF JACKETS
 ...New Featherweight Reversible
 IN WATER REPELLENT POPLIN

Smartly styled for free-swinging comfort and all-weather
 protection. Two color combinations—Tan-Forest Green,
 Tan-Cream. Priced to retail about \$13 to \$16.

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 Moccasin type—with the new waterproof Avon-
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 GOLF COMPANY
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Tam O'Shanter CC today. Expansive window walls virtually bring the outdoors inside for enjoyment of those who are dining or using other clubhouse facilities.

Glass, Important Factor in Modern Clubhouse Design

A primary factor in the design of the modern day country club is a generous use of glass according to Oliver Sandquist, architect, Chicago, who undertook the work of redesigning the Tam O'Shanter Country club in suburban Chicago after making a study of the habits and preferences of the club members.

"Inherently," he points out, "country club members are outdoor people—lovers of nature as well as of sports. They like to enjoy the beautiful natural surroundings when inside the clubhouse as well as when they are on the golf course. Glass walls, which form murals of natural scenery, are the answer."

Consequently an expanse of window walls which afford full view of the outdoor scene, to be enjoyed by members whether they are dining or lounging in any of the club's many rooms, was included in the design.

The results, evident in the accompanying illustrations, show the transformation from English Tudor design to the clean-cut, functional lines of the present club building.

Floor-to-ceiling areas of glass on either side of all-glass entrance doors, virtually eliminate any demarcation line between the outdoors and the clubhouse lobby. The doors, made of Tuf-flex, an extra strong



Windows in the dining room are wide and deep, affording all diners a full view of the rolling terrain of club's golf course.



Spotless appearance of the kitchen is largely due to moisture-proof and grease-resistant walls of Vitrolite structural glass.



"Before" view of Tam O'Shanter clubhouse shows conservative English Tudor style architecture which prevailed before building was redesigned.

kind of plate glass, swing open by electric eye control.

The dining room, capable of seating 522 guests at one time, has enormous windows overlooking the golf course. Although these and all other large windows in the building are set in fixed sash, adequate ventilation is provided by smaller operating sash in panels between the large window openings.

An impressive feature in carrying out the architect's general theme for interior decoration is the mirrored wall at one end of the lounge and reception room. Virtually the entire room is reflected in the huge mirrored panels, making the lounge appear more spacious.

A plate glass partition between kitchen and informal grill room, enables members to view kitchen activities and facilitates service by permitting kitchen workers to see the diners and anticipate their needs.

The use of Vitrolite glass, specified for



Floor to ceiling mirrors at one end of the lounge reflect beauty of its furnishings and increase apparent size of the room.

the walls, makes it possible to keep the kitchen in spotless condition. The highly polished surface reflects light and resists moisture, stains and grease. Besides facilitating cleanliness, the Vitrolite walls are an important factor in reducing maintenance costs.

Many golfers who have "made the swing" of country clubs have commented on the new clubhouse as one of outstanding design. This "open-plan" design leads the way in functional country club planning. George S. May, Tam's president, head of a Chicago engineering firm, is largely responsible for the club's successful history. In promoting the All-American tournaments he has made this club a meeting place for golfing celebrities. The club is located at Howard St. and Caldwell Ave., northwest of Chicago.

Goodall Presents Second Golf Film

"How To Improve Your Golf," full color, sound motion picture, is second film presented by Goodall Co., Cincinnati, devoted to championship golf action and instruction. The film is currently offered for exhibition by any of Goodall's accounts. It shows highlights of 1947 annual Goodall Round Robin tourney from preliminary Crosby match to final putt by champ Bobby Locke.

Instruction phase of thirty minutes film deals with important "musts" and action shots demonstrated by outstanding pros including Snead, Vic Ghezzi, Little, Hogan, McSpaden, Worsham, Mangrum, Hamilton, Barron, Vines, Oliver, Demaret, and Schoux.

The film will be available for showing at meetings of civic clubs, colleges, schools, at golf club gatherings or within account stores, all arrangements being made by store management.

GELLER SURVEY

(Continued from page 34)

Island—Fresh Meadow CC, Great Neck; Glen Oaks Club, Great Neck; Inwood CC, Inwood; North Hills CC, Douglaston; North Shore CC, Sea Cliff; Wheatley Hills GC, East Williston; Pomonok CC, Flushing; Hempstead GC, Hempstead; Seawane Harbor CC, Hewlett; Nassau CC, Glen Cove; Strathmore-Vanderbilt CC, Manhasset.

Westchester—Fairview CC, Elmsford; Metropolis CC, White Plains; Bonnie Briar CC, Larchmont; Hampshire CC, Mamaroneck; Siwanoy CC, Bronxville; Briar Hills CC, Briarcliff.

New York City—Merchants Club; City Middyay Club.

New Jersey—Glen Ridge CC, Glen Ridge; Preakness Hills CC, Paterson; Crestmont GC, West Orange; Arcola CC, Ridgewood; Essex Fells CC, Essex Fells; Maplewood CC, Maplewood; Forest Hills FC, Bloomfield; Essex Club, Newark; Orange Lawn Tennis Club, South Orange.

Connecticut—Round Hill Club, Greenwich; New Haven CC, New Haven; Woodway CC, Darien; CC of Waterbury, Waterbury; Race Brook CC, Orange; Stamford YC, Stamford; Riverdale YC, Riverdale; University Club, New Haven; Waterbury Club, Waterbury; Quinnipiack Club, New Haven; New Haven Lawn Club, New Haven.

Pennsylvania—CC of York, York.

Maryland—Congressional CC, Bethesda.

Geller's No. 1 Brochure

Forty-two club managers answer the following 23 queries:

- 1—What percent is charged to restaurant checks?
- 2—What per cent is charged to bar checks?
- 3—Gross sales for the year 1946 in restaurant?
- 4—Gross sales for the year 1946 in bar?
- 5—Average number of meals served on weekends only?
- 6—Is your club a tipping club?
- 7—Is your club a non-tipping club?
- 8—Do your employees share in a bonus fund?
- 9—Is withholding tax on employees working 2 days a week figured on daily or bi-weekly basis?
- 10—Do you use a checker in the restaurant?
- 11—Do you use a checker in the bar?
- 12—Does your club use a signing system for all services?
- 13—Do your club members pay cash for all services rendered?

14—List total payrolls during 1946:

Restaurant . . .	\$
Bar	\$
House	\$
Greens	\$
Administrative . . .	\$

15—List average during 1946 of food cost.

16—List average during 1946 of bar cost.

17—What is the caddie fee for nine holes?

18—What is the caddie fee for 18 holes?

19—What is caddie fee for double 9 holes?

20—What is caddie fee for double 18 holes?

21—Are caddies charged?

22—Are caddies paid in cash?

23—Please add any other comments.

Brochure No. 2

Presents a payroll survey and gives wages in following categories:

Restaurant Department—Regular

Chef	Pot Washer
Second Cook	Dish Washer
Pastry Chef	Head Waiter
Fry Cook	Captain
Night Chef	Bus Boy
Pantry Man	Waiters
Kitchen Man	

Restaurant Department—Extra

Chef	Pantry Man
Second Cook	Kitchen Man
Pastry Chef	Pot Washer
Night Chef	Dish Washer

Waiters

Lunch only	Dinner only
Lunch and dinner	Late party

Bar Department—Regular

Head bartender	Bar boy
Bartender	

Bar Department—Extra

Bartender	Bar boy
Engineer	House Department—Regular
House man	Chamber maid

House Department—Extra

House man	Chamber maid
-----------	--------------

Locker Department—Regular

Lockerman	Lockermid
Assistant	Assistant
Shoe Boy	

Locker Department—Extra

Lockerman	Lockermid
Shoe Boy	

Greens Department—Regular

Greenkeeper	Caddiemaster
Foreman	Assistant Caddiemaster
Greensman	

Administrative Department

Office Manager	Secretary
Assistant Manager	Parking attendant
Bookkeeper	Page boy
Clerk	Storeroom man
Telephone operator	Linen clerk
Night clerk	Night watchman

Brochure No. 3

Presents menu prices and deals with the price of meals.

Tomato juice	Appetizers
Marinated herring	Sardines
Shrimp cocktail	Half grapefruit
Crab flake cocktail	Melon in season
	Smoked salmon
Vegetable	Soups
	Consomme
Ham and eggs	Entree
Two eggs any style	Whole broiled lobster
Roast prime ribs of beef	Minute steak
Veal cutlet	Sirloin steak
Pot roast	Chopped sirloin steak
Fish	Asst. cold cuts with chicken
Half-broiled chicken	Cottage cheese and sour cream
Calves liver and bacon	

SELLS ON SIGHT!

New 1947 model "B"

Now! Wagner has adopted your suggested improvements in the new Model "B"... America's finest golf cart is now better than ever. The main shaft is of super-strong steel tubing—the handle is solid duraluminum bar. Ratchet teeth are hardened steel—cannot be stripped. Head casting adjustable for any height of golf bag. The axle is wider to prevent tipping. Besides these big improvements, the 1947 Wagner Golf Cart embodies all the many exclusive features and de luxe quality that have made it sell on sight wherever golfers gather. Big discount to Golf Clubs and Pros—get your share of this profitable business.

\$27.50 LIST PRICE

Send for free, colorful folders to distribute — they'll help you sell

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gives proper balance
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Aircraft construction
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need no Inflation
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to fit any golf bag

Manufacturers of highest quality metal products for 27 years.



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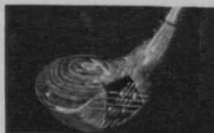
GOLF CART

Berner means QUALITY GOLF EQUIPMENT

FRED MATZIE

REGISTERED WOODS

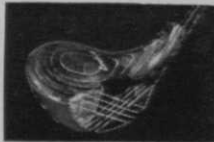
Highly finished Rock Maple heads, Airprop lamination, True Temper shafts, Rain or Shine Grips. To pros only. Matched sets of three or four.



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Popular dark finish, Rock Maple heads, airprop lamination, True Temper shafts, Rain or Shine Grips . . . Matched sets of three or four.



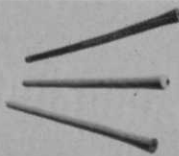
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All ladies' and men's sizes in five well-made lines. Deerskin palm, leather roll binding. Goatskin or Dogskin palm, leather roll or cloth binding. All capeskin backs.



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"RAIN OR SHINE" Grips
Hold with dry-grip firmness in wet or perspiring hands. Do not check, crack or glaze. Uniformly balanced. Shaft holes perfectly centered. Neoprene and cork, attractive, easy to mount, they save you plenty of time at the bench.

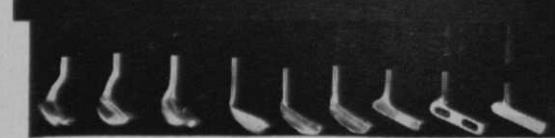


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Not ONE but NINE STYLES to choose from. Double flat faces, block types, heavy flanges or none, brass or aluminum, gooseneck or straight. There's a VELVET TOUCH to fit every preference. All with new "Rain or Shine" Grips. Write for price list and descriptive literature.

Drop a card for full information, prices, liberal discounts on the complete Berner line, and the name of Berner's agent in your vicinity.

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LOS ANGELES 21, CALIF.





Eric G. Koch, Ex. Dir., North Hills Golf Club and pres., Nat'l Club Mgrs. Assn., who aided Geller, suggests club mgrs. in other sections of country make similar survey.

Of the golf clubs, Fresh Meadow's restaurant was runner-up to North Hills as the busiest in the Geller report, with a gross revenue of \$113,970.42, but the bar business of \$26,963.18 was a far cry from the impressive figures released at North Hills.

About half the clubs charge 10 per cent to the members' restaurant checks. A few add 15 per cent. About the same percentage prevails in assessing the bar checks.

The average number of meals served on weekends runs from 1,200 at Glen Oaks and 1,000 at Fresh Meadow to 150-200 at some of the smaller clubs. The average is 450.

A majority of the clubs prohibit tipping, but 98 per cent establish a yearly bonus for the employees.

Golf clubs are a trusting lot, it seems, for the Geller report reveals that, with the exception of parties, they hire neither a food nor bar checker. A majority of the clubs answered in the affirmative when asked about the use of signing tabs. Less than 10 per cent of the clubs permit members to pay cash for all services rendered.

The restaurant payrolls run the clubs from \$45,954.62 to \$12,618, the former being one of the swankier clubs of the Long Island area and the latter a smaller club in the same area. To be expected, North Hills spends the most money on its bar—\$11,478.89, while Fresh Meadow's house salaries run tops—\$17,114.78.

The average spent on course maintenance is \$11,000. Fresh Meadow leads with an annual budget of \$35,176.88. The Great Neck club's property takes in some 200 acres of undulating terrain, with tree-lined fairways. The administrative budgets run from \$5,500 to \$23,000, the latter being the figure quoted by one of the Westchester clubs.

Caddie fees vary, with Fresh Meadow, taking into consideration its hills and dales, offering the peak wages to the bag toters. For nine holes the fee is \$1.75, eighteen holes \$2.75, nine double \$3.50 and a double 18 round \$5.50. The average fee is \$1.75 for 18 holes and \$3.00 double. Most clubs pay caddies in cash.

In charging for liquor, the Geller report shows that the clubs grossing the big money charge far lower prices than those with far less revenue. North Hills, as an example, charges 65 cents for an ounce and quarter of Scotch, while other clubs charge as much as 90 cents for an ounce.

The clubs reported increased activities, in all categories, with most planning improvements following a long period of inactivity along those lines due to the war years. All clubs are operating at a profit, due to membership rosters being at the saturation point.

Apple pie	Desserts	Baked apple
Fruit pies in season		Custard
Fruit compote		Pastry
Rice pudding		
Coffee	Beverages	Cocoa
Tea		Coca-cola
Milk		
Crab flake	Salads	Chicken
Shrimp		Chef's salad
Half cold broiler		Lettuce and tomato
Fish	Dinners (complete)	Steak
Chicken		Lamb chops (2).
Lobster		

Brochure No. 4

Liquor Prices.

Ba.	Scotch	12-year-old
8-year-old		
Bar	Rye	Bonded, etc.
Special brands		Canadian Club
Collins, Tom	Bourbon	Collins, Rum
Martini	Cocktails	Daiquiri
Manhattan		Old Fashioned
Bacardi		
Domestic	Champagne	Imported
Half fifth		Half fifth
Fifth		Fifth
Whiskey	Size Drinks Used (ounces)	Cordial
Highball		Cocktail
Collins		

North Hills Food, Liquor Gross High

President Koch's North Hills club is the most active of the golf clubs listed by Geller in his illuminating report. With a filled membership roster of 300 and a sizable waiting list, North Hills last year grossed \$130,604.13 in food and collected \$122,096.81 at its bar. The City Midday Club, located at 23 South William Street, a niblick shot from Wall Street and the financial section, grossed \$146,648.66, but was eclipsed at the bar by the Douglaston club. City Midday liquors grossed \$14,700.20.

"CLUB MANAGERS DAY"

Monday, November 10, 1947

Sponsored by
Club Managers of the City of New
York, Metropolitan Club Managers
Association, New Jersey Club Man-
agers Association and Connecticut
Club Managers Association

Chairman

Joseph P. Tonetti
New Haven Country Club

Program

- 10 A.M. — Board of Directors Meet-
ing — "Club Managers
Association of Connecti-
cut" — HOTEL PENN-
SYLVANIA
- 12 Noon — National Hotel Exposition
— Opening Luncheon —
Hotel Pennsylvania
- 2 P.M. to — Registration at Hotel Show
- 6 P.M. — Club Managers Association
of America — Grand Cen-
tral Palace, Booth No.
547
- 4 P.M. — Connecticut Club Managers
Annual Meeting — Fourth
Floor
- 4:15 P.M. —

"ASSOCIATION HIGH- LIGHTS"

Eric Koch, North Hills
Country Club

"CONVENTIONS AND REGIONAL MEET- INGS"

Eugene F. Sweeney, Em-
pire State Club, Inc.

"THE MINNEAPOLIS CONVENTION"

Richard H. Hirmke,
Minikahda Club, Chair-
man, 1948 National Con-
vention



You'll smile too,
when you play the
Pro-Special "Plus!"

— E.P. Horning



PLAY THE BALL
THAT'S FULL of Energy!

RED for championship
and tournament play.
GREEN for greater durability
and distance too.
PRO-GOLF 70 ECONOMY BALL

HERE'S THE NEW
PRO-SPECIAL
"PLUS"
GOLF BALL!

FEEL!
CLICK!
DISTANCE!
TRUE PUTTING!
A REAL
CHAMPION!



ASK YOUR PRO!
HE HAS THEM FOR YOU!

PRO-GOLF SALES CO. FOND DU LAC, WIS.

SPIKE AID

COMBINATION KIT

- Puts an end to golf-spike troubles!
- BRINGS YOU EXTRA PROFITS!
- ✓ Complete set of Spike Aid golf shoe plates.
- ✓ Spike wrench that fits all replaceable spikes.

Sell to your golfers at
\$1.25. Order from your
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Golfers by being prepared to install
PARK "ALL WEATHER" GRIPS. Used
by nearly all tournament winners and
leading players everywhere. You
can get them on all new clubs. Use
coupon today.

Mail this coupon to any of your suppliers or
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Please ship me _____ All Weather Grips
and _____ sets shaft clamps, also installa-
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PARK "ALL-WEATHER" GRIP — Greatest Grip in Golf!

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**R. H. Tractor
Wheel SPUDS**

quickest to put on or take off. Increase tractor efficiency and cultivate turf... that's why more than half the U.S. and Canadian clubs use them. Durable and low priced.

Sample spud and circular on request; advise make of tractor and purpose for which intended.

Immediate shipment. If your Ford or equipment dealer cannot supply, write direct to

R. S. HORNER
Geneva, Ohio

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BADGE NO.		NAME:		CLASS A B
ISSUED:	DEP.	ADDRESS:		
		PHONE:		
CHARACTER:				
CONDUCT:				
ATTENDANCE:				
AWARDS:				
PLAYS GOLF:				
REMARKS:	VIOLATIONS			
	DATE	NATURE	PENALTY	

Zolan's caddie record card, back of which is detailed employment blank.

PRINTED FORMS

(Continued from page 45)

out. If the pro desires, this system can be supplemented with the use of caddie slips.

As a final suggestion and one which will be a saving to the pro who sets up this or a similar system of records it may be wise to leave space for your club affiliation when having your statements, order blanks, charge slips, credit memos, and lesson cards printed. Using a rubber stamp for this information prevents the necessity of completely reprinting these forms in case a change in affiliation is made within a matter of a few years, taking advantage of lower costs for quantity printing.



Bill Gordon, Tam O'Shanter CC pro (center) newly elected pres. Ill. PGA with Lou Strong (left) Park Ridge CC, Sec'y-Treas. and Alex Cunningham, retiring pres., made honorary pres. for life, after 13 years of leadership. —Photo by J. Van Fossen

1914 • FULNAME MARKING SERVICE • 1947

A Fulname Ball Marking Machine should be installed — preferably by the club — as permanent club shop equipment.

The players are easily shown the value of Fulname Marking to themselves and to the game. Their investment in individual Fulname Dies is very small in comparison with the benefits.

The Pro profits by the sale of these Dies, but more from the service which brings players to his shop regularly for ball purchases — and other merchandise.

Completely equipped shops have Fulname Marking Service — is your shop one of them?

Write for complete information.
THE FULNAME CO.
CINCINNATI 6, OHIO



Greenkeepers in attendance at Connecticut Turf Meeting held at Country Club at Waterbury.

TURF ROUNDUP

(Continued from page 56)

cut at various heights to meet golfing requirements, and which is available as seed at a low price, is tall fescue (Alta fescue or Kentucky 31 fescue). Alta fescue currently is available on the open market at half the cost of Kentucky 31, production of which is still limited. Performance of the two types virtually is identical. At the Beltsville Turf Gardens four-year-old Alta fescue turf, mowed 3 to 4 inches in height, has remained weed- and clover-free. Seeded in May into heavy crabgrass infested soil and kept at rough height, Alta fescue has survived the summer in the worst crabgrass year in a long time.

EQUIPMENT

Among the new developments in turf maintenance equipment there isn't much doubt but that the orchids go to the Mascaro boys at West Point Lawn Products, West Point, Pennsylvania, for their Aeri-fier which (1) is simple and sturdy in construction, (2) requires only common sense to operate, (3) is reasonable in cost, (4) has many uses, and (5) is available. The reason for the orchids is that, for the first time in turf history, it is possible to cultivate the soil under a cover of turf without destroying the turf. The need for cultivating and loosening compacted soils has long been recognized.*

Chet Mendenhall at Mission Hills, Kansas City, Missouri, was among the first to use the machine on 18 Seaside bent putting greens using the 1-inch spoons.

Jimmie Hamner, Memphis Country Club, Tennessee was one of the first to aerify

18 fairways ahead of the lime and fertilizer program and to use it on his Bermuda greens while they are in play.

Joe Valentine at Merion Golf Club, Philadelphia, was the first to report excellent results for cultivating tees.

Alex Strachan at Old York Road uses it to sprig Arlington (C-1) bent into his fairways.

At the Beltsville Turf Gardens it is used to sprig U-3 Bermuda grass and to reseed turf areas to other species. Even the casual observer can see how moisture penetrates the soil after its use, resulting in slower runoff and greater moisture conservation.

GRASSES

Bentgrasses—Arlington (C-1) bent is nominated for the best "all-round" creeping strain, producing superior results over varied climatic regions, in successful use on tees, greens, fairways and lawns, highly disease-resistant and capable of rapid recovery from attacks of disease, exceptionally drought and heat-tolerant and non mat-forming. Other strains may produce putting turf under high cut (over 1/4") but, to our knowledge, Arlington has produced better turf at lower cost over a wider range of conditions than any other bent tested with it.

At the Rhode Island Station the untreated half of the Arlington plot is indistinguishable from the half treated regularly for disease since 1940. The untreated half of the Washington plot is virtually ruined.

In North Carolina *Poa annua* invaded Arlington more slowly than any other bent tested.

In St. Louis it resists heat and grows in heavy clay soils better than any other bent.

***NOTE:** The Green Section recognizes the risk of censure in "plugging" any piece of equipment. To fail to recognize an outstanding achievement would render us equally open to criticism because our policies are founded on the goal of "Better Turf." We take this risk because we sincerely believe, not in the machine as such, but in the principle which it embodies. To our knowledge there has been no other similar machine built or offered which has equal uses and possibilities. The Green Section will recognize each year in this "Roundup" the outstanding achievements in turf maintenance as their value is demonstrated.

In Tulsa, Oklahoma, mowed at fairway height, it survived a long summer drought without irrigation.

In Minneapolis it has performed consistently well in fairways and at putting green height.

Seed has been produced from the pure strain and has been sent to 10 different cooperating stations in the United States for testing and for further possible selections. It appears to set seed well.

On the basis of its performance, Arlington bent may well be used as the standard of comparison for newer and more promising strains of creeping bent. Arlington is in wide commercial production.

Seeded bentgrasses—The trend today, particularly in fairway seedings where the use of bentgrasses is increasing, is to make a blend of the available bentgrasses produced from seed. Lacking specific data on adaptation, the maximum of "Safety in numbers" is a good one to follow. Seaside may predominate in regions free from snowmold. The Colonial types tend to be more drought-tolerant.

A vigorous, widespread, cooperative attack on the problem of producing superior bentgrass turf from seed is in progress.

Bluegrasses—We nominate B-27, recently named Merion, for top honors in the Kentucky bluegrass field. Seed production will not reach commercial volume for several years and then probably will always command a premium price until replaced by a superior strain. We mention it here because it offers greater hope to lovers of Kentucky bluegrass turf. Merion is rich in color, low-growing and is highly resistant to leafspot.

At Beltsville it has been more free of crabgrass than any other strains or source of bluegrass.

At Rhode Island it has resisted the natural invasion of bentgrasses more than bluegrass from any other source.

Through **TIMELY TURF TOPICS** the Green Section will announce the availability of samples of Merion bluegrass seed to USGA member clubs and to Green Section subscribers for practical testing.

Red Fescues—Testing programs in progress at cooperating experiment stations are not sufficiently mature to warrant statements on "top honors" in this group. Named strains are available but their comparative values are still in doubt.

Tall Fescues—Alta and Kentucky 31 are the best known grasses in this group but their comparative value for turf is not yet known. Finer-bladed strains of tall fescues are known but as yet have no practical significance. Many golf courses have seeded Alta fescue under varied conditions but

reports on progress are lacking. Alta has found wide use on airfields, roadsides, and athletic fields. It has promise for park turf where fine texture and close cutting are neither necessary nor desirable. The tall fescues give us drought tolerance, toughness, and ability to survive under extremely unfavorable conditions and over a wide range of climates and soils.

Zoysias—A full scale breeding and testing program, begun in 1946 by the Green Section and the Division of Forage Crops (USDA), is still too new to have produced measurable results. Promising progress is that selected strains of **Zoysia japonica** set seed well at Beltsville and the seed can be treated to produce good germination in the field. The first turf plots from seed of these selected strains were established in June 1947. Three-months-old turf was solid in September with no crabgrass or other weeds being removed.

The most promising selected strain of **Zoysia japonica** which sets no seed at Beltsville is that designated as Z-9. Among the purely vegetative strains, this one receives top honors at this date. Leaf width is intermediate between **Zoysia matrella** and common **Zoysia japonica**. It has a yellowish cast, thin "white" stolons, spreads relatively rapidly, and is apparently winter hardy at State College, Pennsylvania. It was first selected by Mr. S. B. Detwiler and was given to the USGA Green Section in 1939. It can be mowed at any desired height without injury and produces a dense, firm, weed-free turf.

Poa Annua—This grass is included in the "roundup" because it has proved to be a blessing in disguise where the North meets the South and vice versa. Bermuda and Zoysia tees, closely mowed for better golf, are invaded naturally in the fall by **Poa annua** when these summer-growing grasses lose their color and go dormant, with cold weather. The density and vigor of **Poa annua** (when it is good) are admired openly by many (secretly by others) for its turf value. When it "melts" in summer leaving behind a "desert" condition everyone reviles it—everyone, that is, except those who have a strong summer-growing grass like Bermuda or Zoysia under it. Perhaps this opens a new chapter in turf maintenance.

Bermuda Grass—Alternately loved for its virtues and damned for its persistence, and aggressiveness this grass has won a high place in the turf picture. For fine texture, deep rich color, freedom from disease, and extreme winter-hardiness, we nominate the Green Section-selected and developed U-3 strain of Bermuda grass, not named as yet, for top honors in the northern-most regions where Bermuda grass can be grown. Its northern limit has