he met, and by others in his line of business he was held in highest regard.

As a citizen Charley was an active leader in work for the community’s good. He was one of those grand fellows whose passing is sincerely lamented by all who knew him.

Practice Ranges Provide Big Field for Pro Services

PRO golf is going to have to take considerably more studied interest in the practice ranges. That’s getting to be a big business with plenty of construction and operation problems and potentially a great market for first class pro services.

Numerous authenticated instances are reported of pros at practice ranges having among the highest pro earnings in a district. Some of the practice range pros already are making substantial progress in club selling.

General tendency in pro golf now is to look in a patronizing and pitying way on the driving range pros, about as the boys at private club jobs used to consider public course pros. Neglect in working on the public and daily fee course situation cost pro golf concessions at many jobs that might have become among the most profitable pro jobs in the country.

In the last two months GOLFDOM’s editorial staff has talked with at least 20 range pros who formerly held club jobs and who say that the range jobs are better in money, security and opportunity.

Practice ranges of the first class now
are recognized recreational assets to the community. A range like the 65 tee enterprise Ted Madden operates at Brighton, Mass., converted an unsightly dump into a very attractive and busy play area.

Ted's tees each are 12 ft. square and elevated about 6 ft. above the rest of the field. He put about 30,000 yds. of fill into the former dump and swamp, thus providing ample playing area and parking space. He installed more than 6,000 feet of drainage. It took two months to complete the job, but now it's a community asset and a fine money-maker.

More than 12,000 balls are used daily. Twenty-six 1,000 watt floodlights make night play pleasant. Madden figures that last year his course brought more than 100 new players into golf. There is one tip-off to the opportunities for a smart fellow at a practice range. How would you like to have a chance to sell equipment to 100 brand new players a season?

Madden's staff during the busy hours makes discreet use of instruction service by watching the customers and giving them, free, helpful, simple instruction tips. The tips not only result in selling more balls so the players can practice at the tips, but bring in considerable private lesson business to Madden's pro staff.

Pro Golf Mourns Alves' Death—Grange Alves, veteran pro at the Acacia CC (Cleveland district), died at his home, June 3, following a prolonged illness which he bore with customary fortitude. Grange was 54 years old. He was a native of Aberdeen, Scotland and came to this country in 1907 as pro at French Lick Springs, after having won numerous amateur tournaments in Scotland. In 1913 Alves went to Shaker Heights in Cleveland in charge of its construction, and for the next 10 years was the club's pro.

He was active as a course architect and constructor, player and instructor in American golf, and as a regional and national PGA official.

Grange was one of the grand and rugged older school that helped to make golf a national game. He had a vast
army of friends in pro and amateur golf and would go out of his way eagerly, at any time, to help a pal and boost the game. At the time of his death he was president of the Ohio section of the PGA. His passing leaves a gap in the ranks of good fellows.

Left-Handers Meet Aug. 14-17 for Annual Tourney

Pros who have left-handed players are asked by Fred E. Morton, 1401 Majestic Bldg., Detroit, to tip them off to the 1939 National Left-handed Golfers’ championship which will be played at Birmingham (Mich.) GC, August 14-17.

The southpaws’ tournament is growing rapidly in size, inasmuch as flights are organized for all entrants and the lads who often are regarded as the game’s step-children have a gala party. Alex Antonio of New Jersey is present national left-handed champion. This tournament is the fourth annual affair. Ben Richter, widely-known port-side pro of St. Louis, is one of the organizers of the national body. D. Scott Chisholm of Los Angeles, noted golf scribe, is another of the lefties’ founding fathers and an officer of the National Association.

Midlothian to Honor Hagen’s 1914 Open Win

There’s no kidding about it; Hagen is at work and doing a noble job of calling on the pro trade. Walter knows the answers and makes a perfect guy for visiting pros and their members on a basis that gets all concerned talking about pro business problems and aspirations.

The tough thing about the job is getting Walter to move along to the next stop. Midlothian Country Club, scene of Walter’s first National Open victory, is having a silver anniversary of the affair Aug. 24-27. It will be an invitational, $5,200 event.

Among interesting business notes from the Haig is one concerning the Hagen line’s Sandy Andy sand niblick. The club has been a sensational specialty seller and instead of letting down in mid-season is taking on a spurt that promises to set a sales record for one club.
BETTER GOLF

when players use FULNAME-marked balls. FULNAME markers now in use at thousands of clubs speed up play by preventing mistakes, give closer control over caddies—and make money! No club shop fully equipped without one. Club officials should co-operate. Write for details today! THE FULNAME CO., Station "O," Cincinnati, Ohio.

Green Section Plans National Tournament At Clubs

A GREEN SECTION tournament is in prospect as a result of the planning done during the two sessions of the Green Section committee of the USGA held during the National Open at Philadelphia.

The national tournament idea which helped Green Section financing considerably in former days, calls for each entrant at the clubs holding the event to pay small entry fees, and the winners receiving official emblems. It is believed that the Green Section tournament idea, properly advertised on club bulletin boards and by other publicity of the clubs, will help to acquaint the golfing public with the tremendous extent and value of Green Section work. As it is now, many clubs receiving rich benefits of Green Section work are paying disproportionately small sums, or nothing at all, in return.

Cooperation of various regional amateur organizations, greenkeeper sectional organizations, the GSA and the PGA was pledged for making the Green Section tournament successful.

Wisconsin Greenkeepers Name Rolfs ’39 President

RAY ROLFS, North Hills CC, Milwaukee, Wis., was elected pres. of Wisconsin Greenkeepers’ Assn. at the well-attended annual meeting held June 5 at the Watertown (Wis.) CC. Other officials elected: Lester Verhaalen, Brynwood CC, Milwaukee, v.p.; O. C. Williams, Maple Bluff CC, Madison, sec.-treas.; Fred Peters, Merrill Hills CC, Waukesha, director.

July meeting will be at Waupaca CC, on the tenth of the month. The invitation was extended by Griffith Williams, Waupaca genl. mgr. Williams, a lusty youth of 73 active years, played a competent round in the tourney that preceded the meeting at Watertown. Williams has at his course an ingenious alarm clock arrangement that turns water to the greens sprinklers on and off. Sprinklers are set when the men leave work, and the alarm does the rest.

Raritan Velvet Seen As Ideal Putting Turf

ADOPTION by golf courses of Raritan velvet bent as a means of minimizing putting green complaints is envisioned at the New Jersey Agricultural Experiment Station, Rutgers U., New Brunswick.

Nor is optimism regarding the outlook for the new turf grass limited to its birthplace. Favorable comment was offered by nearly 200 greenkeepers at the recent Eastern Educational conference after viewing plots of the Raritan velvet bent grass, produced by Howard B. Sprague, agronomist, during 8 years of painstaking plant selection.

"This grass is the most valuable aggressive strain of the velvet bent species which we have had under observation here at the station," Sprague commented in reply to queries for further information on the development. He added that "there will be approximately 4,000 lbs. of Raritan velvet bent seed produced in 1939, and perhaps another 10,000 lbs. of other im-

LANGFORD and MOREAU, Ltd.

Twenty-five successful years demonstrate our ability to cope satisfactorily with all problems of golf course design and construction.

REMODELING MODERNIZATION DRAINAGE IRRIGATION

LANDSCAPING SWIMMING POOLS

GOLF ARCHITECTS 2405 Grace Street, Chicago, Ill. LANDSCAPE ENGINEERS
proved strains of this valuable species, all grown within the state.”

Raritan velvet is a superior strain of the species Agrostis canina, which produces the finest greens turf of any grass now available, Sprague states. It is very leafy and makes a dense, velvety turf, rich green in color, capable of enduring considerable wear; is drought resistant, rather tolerant of shade, and endures limited soil fertility.

64 Attend June Meeting of Iowa Greenkeepers

Despite a heavy rain, 64 greenkeepers and persons concerned with growing of fine turf attended the June meeting of the Iowa Greenkeeping Superintendents, held June 13 at the Des Moines G&CC. W. F. Keating, the host greenkeeper, arranged for and put on successfully, a large golf course equipment exhibition, and representatives of the various companies demonstrated products between showers.

The greenkeepers luncheon turned out to be a wide-open clinic on grasses. Dr. S. W. Edgecombe, extension horticulturist at Iowa State College, reported on a paper by J. A. DeFrance, of the Rhode Island Agricultural Experiment Station, entitled “The Effect of Different Fertilizer Ratios on Colonial, Creeping and Velvet Bent Grasses.” The paper caused considerable comment, and Edgecombe was kept busy answering many questions from the floor.

Officers of the Iowa group for 1939, elected at the meeting, were: J. A. Benson, Cedar Rapids CC, pres.; C. J. Yarn, Woodside GC, v-pres.; Glen Fletcher, Hyperion Field Club, sec.; W. F. Keating, Des Moines G&CC, treas. July meeting of the association will be held at Council Bluffs, July 11.

What’s New

Dunlop Tire & Rubber Co., Sports Dept., 500 Fifth Ave., New York City, is supplying free to pros for distribution to their members a desk card headed, “Men Must Play.” It reads:

“Faster, ever faster, is the tempo of life
MOST REMARKABLE MACHINE FOR SAVING GOLF COURSES TIME, LABOR AND MONEY.

FASTEST AND SAFEST METHOD FOR APPLYING FUNGICIDES AND FERTILIZERS TO GREENS

MCCLAIN HYDRO-MIXER

The little inexpensive outfit now doing a big job from coast to coast.

Greens treated with unbelievable speed and accuracy. Hundreds in use. Displaces expensive spraying rigs. Connects to your water system. Works on any pressure. Hand or power operated. Low cost will amaze you. Write for literature.

MCCLAIN BROTHERS COMPANY - CANTON, OHIO

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. All sizes for all purposes. 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

MFR. OF SPUDS, FORD-SON WHEELS, ETC.

CREEPING BENT TURF


ILLINOIS GRASS CO. Homewood (Ill.) 746
18455 Reigel Road (near Chicago) Homewood, Ill.

ATTENTION
Copies of Robert Hunter's famous book on golf course architecture, "The Links," are still available at the bargain price of 75c each. Send check, check or money order to GOLFDOM today!

and of work today. No man is free from it — rich or poor — in office, mill or field. Hence man must play, as well as work. He needs recreation — relaxation — fun. Play is the buoyant substance that saves him from ruts . . . it provides the priceless True Balance of Living. Play keeps the mind fresh, the body alert, the spirit happy. Then play, and play hard, and you will work better, live better, and make both work and life worth while."

Since July 1, it is the Wood Ridge Manufacturing Division of F. W. Berk & Co., Inc., Wood Ridge, N. J. Announcement has been made to the trade of the new program which will enlarge the facilities and increase the services of the company. Officials of the former Wood Ridge Mfg. Co., manufacturers of Curex, Curex Turfmaster, and Fungchex for brown-patch control, Wood-Ridge Mixture "21" for better turf disease control, and Magikil ant bait, are enthusiastic over sales this season compared to last, and with the new enlargement program now effected, expect one of the company's biggest years.

Maurice J. Swan, Jr., 2240 Wesley Ave., Evanston, Ill., has developed a new golf bag identification tag that should find popular favor with pros and players everywhere. The tags are inexpensive, neat, and long lasting. All the pro has to do is send in the names of members who desire the tags, and the maker handles the lettering on the tags. Tags are also made up for public course players with no club affiliation. Further information and prices will gladly be supplied upon request.

Goodrich Electric Co. announces its new and different "Projecto" Floodlight, designed in such a way so as to provide a higher degree of light projection and at the same time assure a wide spread of light. These features make it a practical general-purpose fixture for illuminating club grounds, buildings, service stations, parking lots, athletic fields, etc.

The fixture is finished in permanent porcelain enamel which is easily cleaned, and retains, even after years of exposure, its consistently high factor of reflection. The "Projecto" floodlight may be pole-mounted or attached to walls and other flat surfaces by means of a bracket arm which provides universal adjustment.

Catalog sheets on the floodlight may be obtained from the Goodrich Electric Company, 2900 N. Oakley Ave., Chicago, Ill.

Judson Rubber Wks., Inc., 4107 W. Kinzie, Chicago, is having a great sale on its molded rubber foot bath tray to golf clubs this season. The
This Helps YOUR Buying

This page is printed for your convenience in the event you are unable to find the buying information you are looking for in the advertisements of this issue. If your search is unsuccessful, tear out this page, check the items your club is interested in buying, and mail to GOLFDOM, 14 East Jackson Blvd., Chicago. Also, please fill in below the correct names of officials at your club. We want each copy of GOLFDOM to get into the hands of the proper official at your club.

GOLF COURSES
Arsenate of lead
Bag racks for tees
Ball washers
Bent grass stolons
Brown-patch preventives
Compost distributors
Drinking fountains
Dump carts
Fencing
Fertilizers
Fertilizer distributors
Flags (greens)
Green markers (practice)
Hole cutters
Hole rims (putting cups)
Hose, water
Humus (soil conditioner)
Insecticides
Irrigating equipment
Mole and gopher poisons
Mowers
Pumps (cap.)
Putting cups
Rollers: □ green □ fairway □ spiked
Sand green equipment
Scythes (motor driven)
Seed □ fairway □ green
Seeders
Shelters (golf course)
Skeet layouts
Sod cutters
Soil screeners
Soil shredders
Soil testers
Sprayers □ power engine □ barrel pump
Sprinklers □ fairway □ greens
Swimming pool information
Tractors
Tractor tires □ low pressure □ pneumatic
Tractor wheel spuds
Turf pluggers
Water systems □ greens □ fairways
Weed killers

PRO SHOP
Bags □ canvas □ leather
Balls □ .35 □ .50 □ .75
Ball markers
Bandages
Bumping motors □ A.C. □ D.C.
Caddie badges
Caddie uniforms
Calks
Caps
Clubs
Flags (greens)
Green markers (practice)
Hole cutters
Hole rims (putting cups)
Hose, water
Humus (soil conditioner)
Insecticides
Irrigating equipment
Mole and gopher poisons
Mowers
Pumps (cap.)
Putting cups
Rollers: □ green □ fairway □ spiked
Sand green equipment
Scythes (motor driven)
Seed □ fairway □ green
Seeders
Shelters (golf course)
Skeet layouts
Sod cutters
Soil screeners
Soil shredders
Soil testers
Sprayers □ power engine □ barrel pump
Sprinklers □ fairway □ greens
Swimming pool information
Tractors
Tractor tires □ low pressure □ pneumatic
Tractor wheel spuds
Turf pluggers
Water systems □ greens □ fairways
Weed killers

Club
No. of holes?
Is course private, daily fee or municipal?

By..............................Club Position

Address

PRESIDENT (or owner)

Address

GREEN-CHAIRMAN

Address

CLUB MANAGER

Address

HOUSE CHAIRMAN

Address

GOLF PROFESSIONAL

Address

GREENKEEPER

Address

Is liquor for sale at your club? Beer? Wine?

GOLFDOM
GET THIS NEW
DOUBLe ROTARY Sprinkler
Heavy Duty Model
$12.50
Positive action. Does not wash or pack soil.

1200 Candler Bldg., Dept. A, Kansas City, Mo.

tray is an inexpensive item, and used with the chemical solution, prevents the carrying of the athletes' foot germ around club locker-rooms. Solution for foot bath is a mixture of 1 lb. of sodium thiosulphate to one gallon water; clubs acquire supply of the chemical when ordering trays. Further details may be had by writing the company.

Canvas Products Corp., manufacturers of the popular "Caddy Master" line of golf bags, is offering free a new three-colored wallhanger, measuring 24" x 34". This year's wallhanger is more complete and colorful than any of the hangers issued in the past, and all have proved great sales builders for the pro in past years.

The hanger illustrates the company's three outstanding lines, the "Caddy Master" bag, with patented features; the light-weight and practically styled "Fiddle Bags," and the "Fashion Line" for 1939. Each of these lines has individual features that make it a popular seller.

The wallhangers will be sent free to any pro who writes the Canvas Products Corp. on his e@t stationery.

Lin-Tox Corp., Port Chester, N. Y., reports greensmen everywhere are enthusiastic over the great results they have been getting from Smack, a contact insecticide that is non-poisonous and non-injurious to humans or animals, yet positively deadly to insects.

Smack destroys Japanese beetles, chinch bugs, leaf hoppers, white flies, wasps, ants, etc., on contact; yet it is possible to spray flowers and foliage, fruit and vegetables, after they have become full grown, without injury. Tests made at the Boytj Thompson Institute prove that Smack, diluted 1 to 40, obtains a 98% kill when used on the chinch bug, and that as a contact spray, Smack has proved 92.5% deadly to the Japanese beetle on the first spraying.

Smack Repellent is a pure derris powder, containing 5% rotenone, to be used with Smack as a repellent. It is highly recommended by agricultural experts as an effective, economical method for controlling insects.

A New BANDAGE GAUZE
SPECIAL SLIDE-TOP TIN FOR SPORT USE!


Veg-E-Tonic 21-3-10
GOING OVER BIG!

Make your Greens look like a million. Wake up the grass roots with this rich "Cool Food" that costs very little. Tone up the turf with this safe, lasting and invigorating soluble fertilizer.


McClain Brothers Company - Canton, Ohio

GOLFDOM

BETTER RESULTS WITH LESS TIME—LABOR
Equipped with Major Butt's golf course discs, Rototiller cuts clean, sharp, narrow slits in the turf, deep enough for ideal aeration, moisture penetration and fertilization. You'll get these better results with less time and labor every time with Rototiller.

Send for free illustrated booklet TODAY.

ROTOTILLER, Inc. Troy, N. Y.
PELLING the Japanese beetle. The manufacturers will gladly supply further information upon request.

Cooper Mfg. Co., Marshalltown, Ia., created considerable interest among the trade on the announcement of its new, light weight, low-priced power mower, developed and engineered in the Cooper plant for use on golf greens. The keynote of design in this new machine is the safe elimination of all dead weight, without sacrificing in any way, necessary strength and durability.

Features of construction include new plate type clutch with soft starting torque; positive reel adjustment; special heat treated seven blade reel; easily regulated, accurate height adjustment; aluminum rear roller with differential action; close-coupled grass box; rubber tired, ball bearing transport cart; latest type, self-sealing, precision bearings throughout; and new type gear reduction Briggs & Stratton motor. This improved design and construction combines to provide proved economy, durability and top performance for all greens maintenance.

William Jameson & Co., Inc., 630 Fifth Ave., New York City, is using a form of personal promotion on behalf of King’s Ransom Scotch whiskey—in the person of Jack Redmond, international golf entertainer and one of the unique figures in the golfing world. Redmond has golfed in all corners of the world, and can do tricks with a golf club and a golf ball that have created no little amazement among golfers everywhere. He is constantly on the go giving his trick golf exhibitions and publicizing King’s Ransom. Jack’s locker-room discussions on golf and King’s Ransom are almost as famous as his exhibitions, according to testimony of clubs he has visited.

Before starting on his next round-the-world tour, Redmond will devote all his time to exhibitions in the United States. His services are free not only to golf clubs, but to organizations having golf meets, tournaments or conventions. For available dates, address the Wm. Jameson Co., N. Y. C.
CONTENTS

Jap Beetles Doomed ..................................................... 7
$1,000,000 Course for Cleveland, by J. Noble Richards ............ 9
Cater to Family — It Pays, by Clifford C. Wendehack ............. 11
'39 Open Runs Smoothly, by Herb Graffis .......................... 13
Questionnaire Tells Clubs' Policies, by Karl Sutphin ............... 15
"If I Were a Club President" ........................................ 16
New Oak Park Lounge Proves Money-Maker ......................... 17
Catastrophe Works to Club's Benefit, by Edward J. Butler ........ 18
200 Greensmen Attend Eastern Conference ....................... 19
The Pro Examines His Business, by Don Young .................... 20
Selling Taught Me to Sell ........................................... 26
Practice Ranges Provide Big Field for Pro Services .............. 31
Raritan Velvet Seen as Ideal Putting Turf ........................ 34
What's New .................................................................. 35

ADVERTISERS' INDEX

Acushnet Process Co ..................................................... 21
Bayer-Semesan Co., Inc .................................................. 31
Buckner Mfg. Co ......................................................... 2
Canvas Products Corp .................................................... 30
Dolge Co., The C. B ....................................................... 3
Double Rotary Sprinkler Co ............................................. 38
Fullname Co., The ....................................................... 34
General Bandages, Inc ................................................... 38
Godwin, Hiram F .......................................................... 34
Heddon's Sons, James .................................................... 6
Hillierich & Bradshy ....................................................... 4
Horner, R. S ............................................................... 36
Illinois Grass Co .......................................................... 36
Janssen Graybar Hofbrau ............................................... 39
Langford & Moreau, Ltd ................................................ 34
Lewis Co., G. B ............................................................ 35
Links, The ................................................................. 36
Lin-Tox Corporation ....................................................... 35
Lytton Building ............................................................ 2
McClain Brothers Co ..................................................... 3-31-32-36-38
Milorganite ................................................................. 5
Pabst Sales Company .................................................... 2nd Cover
Page Fence Association .................................................. 32
Peckham, A. N ............................................................. 33
Penfold Golf Balls, Inc ................................................... 23
Perfection Sprinkler Co .................................................. 3
Pfizer & Co., Inc., Chas .................................................. 33
Pictorial Score Card Co ................................................... 35
Ream Nursery .............................................................. 4
Roseman, Joe ............................................................... 39
Rototiller, Inc ............................................................. 38
Sani-Tread Co., Inc ....................................................... 29
Sewerage Commission, The ............................................ 5
Skinner Irrigation Co, The .............................................. 4
Spalding & Bros., A. G .................................................. 25
Spink-Wawasee Hotel & C.C ......................................... 26
Stump & Walter Co ....................................................... 35
Thompson & Jones ....................................................... 32
Toro Mfg. Corporation ................................................... 2
U. S. Rubber Company ................................................... 32
Vestal Co., John H ......................................................... 32
Wilson Sporting Goods Co ............................................. 1
Wood-Ridge Mfg. Co., Inc ............................................. 5
Young Golf Company, L. A ............................................ 27