

Just what are the conditions which act as the most important growth factors and which must be controlled upon the golf course? They may be grouped under two heads, climate and soil. To regulate these two growth factors both direct and indirect methods are employed. It is readily apparent that little direct control can be exerted over climate and that the reverse is true in regard to soil conditions.

The principal direct control over climate that is utilized in the growth of grass is the artificial application of water. The grasses require a large quantity of water during each growing season and grow luxuriantly when it is available to them. If forced to live with but a small supply, their growth becomes slow and they may enter a semi-dormant condition until such a time as the moisture supply becomes plentiful.

Select Resistant Grass

In contrast to this method, an indirect control over climate is effected through the selection of types of grass adapted to the existing climatic conditions. Thus, the bent grasses, Kentucky blue grass, poa annua, the fescues, etc., are grown in the northern part of the United States and Bermuda and carpet grass in the southern. In the moister and cooler portions of the northern United States the first-named grasses do best, but require more and more care as the mean annual temperature becomes higher and the moisture becomes less farther south and west. A good example of this adaptation of the grasses to a given set of climatic conditions is apparent with poa annua when subjected to a cool and moist climate as compared with a climate in which the temperature may become high and the summer very dry. Thus in the Chicago area poa annua is not an especially satisfactory grass because it does not withstand the high temperatures and dry weather that frequently develop. During periods of unfavorable growing conditions this grass will be apt to suffer more severely than most of the others. This is probably due to the fact that poa annua naturally tends to have a short growing



WHETHER YOU ADVOCATE THE USE OF ORGANIC FERTILIZERS IN THE SPRING OR FALL, THE FACT REMAINS THAT EACH SEASON SEES A BIG INCREASE IN THE NUMBER OF GREENKEEPERS WHO FEED DRICONURE IN THE FALL AND WHO USE GPM PEAT MOSS IN COMPOSTING AND TOP DRESSING GREENS.

We've some interesting information that we would like to send you on this subject. Its always best to know all there is on a subject. Let us send it to you today.

ATKINS & DURBROW, Inc.

G-165 John Street

New York, N. Y.





DIAMOND Steel Center TRACTOR SPUDS

Long wearing and sharp until completely worn out—because of hard tool-steel center—outside wears away faster. Made in all sizes to fit any size or make of tractor. If your dealer can't supply you, write direct for sample or literature

**DIAMOND CALK
HORSESHOE CO.**
4702 Grand Ave.,
Duluth, Minn.

JACK DARAY

Winter Address: 1640 W. Beach Drive,
Biloxi, Miss.
GOLF ARCHITECT
Personal Supervision of
CONSTRUCTION AND MAINTENANCE

TRUE METROPOLITAN and WASHINGTON CREEPING BENT STOLONS

Cheaper than you can grow them. I will have a supply of excellent Stolons of the Metropolitan and Washington Strain of Creeping Bent, which will be ready for fall delivery, beginning about the middle of August. Let me book your order now.

DR. H. B. PACK, Post Office and Telegraph Address,
3406 Fort Ave., Lynchburg, Va.

Cocoos Bent Seed

Fine, upright, sturdy growing turf. Less topdressing and less watering. No grain in Cocoos as found in Stolons.



Lecco, Complete Grass Food

Put your fairways and greens in healthy shape for winter. Become one of the popular Lecco users. Terms on car lots. Washington Bent Sod at 5c per sq. ft., f. o. b. Granger, Ind. Stolons at \$12.50 per thousand sq. ft. of planting. Order now.

LYMAN CARRIER, Granger, Ind.

season and to play out by mid-summer. Therefore, it is weaker and less resistant during the months when growing conditions are most apt to be unfavorable. Other grasses, such as the bents, Kentucky blue, and the fescues, all of which persist throughout the summer as far south as Tennessee, do not have this natural weakness and are more resistant to very hot weather.

Equally as important as selecting types of grass adapted to a given set of climatic conditions is the control exerted over different soil properties. Since the plants are anchored within the soil and derive their food and moisture from it they are profoundly affected by its properties. The properties influencing plant growth are soil texture and structure, soil reaction, the organic content of the soil, soil moisture, and the supply of plant food in the soils. Each one of these lies within exact control if a knowledge is possessed of what is desired and of how it may be secured. In any case, creating in the soil especially congenial growth conditions is essential to the growth of excellent turf. Let any soil property become undesirable and the grass will be affected, sometimes to the extent

Grass Seed

of Known Quality

TESTED for PURITY and GERMINATION
Prices and Information on request

Stump & Walter Co

Specialists in Golf Grass Seeds and Equipment
30-32 Barclay St., New York

of making it very susceptible to injury by unfavorable external conditions.

Blames Pythium

It is probable that much of the trouble encountered this year by golf courses in many of the middle western states may be explained by the foregoing facts. To understand how this is possible it is necessary to determine what the specific cause of the trouble was. In many cases where greens were more or less completely destroyed within a period of one or two days the active agent was the pythium fungus. The manner in which this fungus acts is such as to lead many to the conclusion that the injury was produced by sun scald. In the first place, the fungus does not become especially active until the temperature rises about 93 or 94 degrees Fahrenheit. Therefore very hot days are necessary for it to do much damage. Secondly, the spores of the fungus or the bodies by which it reproduces, require a film of moisture upon the grass blades before they will germinate rapidly. Therefore, a humid day is especially favorable to rapid spreading of the fungus. The hotter the surface of a green becomes and the higher the humidity, often depending

TWO COMPLETE SYSTEMS OF

GREENS FORMS

Westchester System for Weekly Payroll
Murray System for Semi-Monthly Payroll

Eliminate Guesswork on Maintenance Costs

These are in daily use in hundreds of clubs
Samples gladly furnished your club

JOHN H. VESTAL COMPANY
Printers, Specializing in Golf Work
703 South La Salle Street CHICAGO

IMPROVES
SOIL

Hyper-Humus
for
LAWNS
AND GARDENS

Most economical and efficient for putting greens either in top dressing mixtures or incorporated into soil. Write us for literature and practical suggestions.

HYPER-HUMUS COMPANY
51 Park Place Newton, New Jersey

upon the extent to which there is free circulation of the air over the surface, the more rapid and complete the destruction of the grass. These conditions could easily be associated with sun scald injury.

Furthermore, sprinkling, topdressing and the incorrect application of the fungicides proven of value in controlling other fungus diseases may not lessen the injury because they may aid in spreading the fungus and provide the necessary excessive moisture on the blades of grass.

The condition of the grass is important because it is a factor in determining the extent to which the grass is susceptible to injury. Certain of the grasses are naturally more resistant to such types of injury and so generally suffer less. This is true especially of the creeping bents, Kentucky blue and the fescues. The mixed bents, poa annua and poa trivialis are very susceptible to injury and generally suffer first as well as more severely. With the last named grasses it is doubtless not entirely a question of their natural resistance to the attacks of the pythium fungus but also of their weakened condition during the middle of the summer.

In some instances, even the creeping bents were severely injured this season. Whether in every case these grasses were not in exactly the best of condition cannot be said, but it is known that on a number of those greens suffering most the grass had not been given the growing conditions conducive to any great degree of resistance. In any growing season the cultural practices should be so regulated that the grass is made as vigorous and hardy as is possible. Much more can be accomplished in this direction than might at first appear. By combining these correct cultural methods and the selection of an acclimated grass with the necessary precautionary measures during times when the pythium fungus may become active will do a great deal to prevent such wholesale destruction another time.

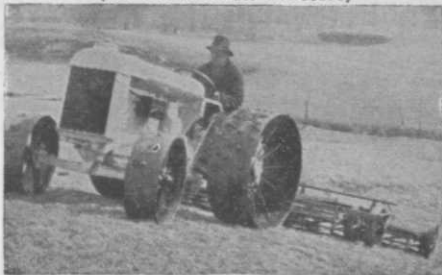
BECKLEY-RALSTON NOW SELLING GOLF GOODS ONLY

Chicago, Ill.—Beckley-Ralston Co., for several years active in the manufacture and sale of golf clubs, balls, bags, shoes, etc., now is devoting its entire resources to the golf business. Formerly the company was one of the big factors in the automobile accessory industry. Growth of its golf interests has reached the point where more than 500 professionals are on

the books as active distributors of the B-R line, especially of the Stroke Saver irons and putter.

R. H. Wheels are stronger!

(For All Fordson Tractors)



Rims do not bend—50% better traction—rounded edges—easier steering. Hundreds used for replacing old, injurious wheels. Sold in singles, pairs or full sets.

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.

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

R. S. HORNER
Manufacturer
Geneva, Ohio

Prices Reduced Sept. 1.



Washington Strain

CREEPING BENT SOD AND STOLONS

Hiram F. Godwin

Box A, Redford Station Detroit, Mich.
Eastern Nursery, Box 51, Wayne, Penna.

Racks HANDICAP Cards

John Willy Handicap Racks and Cards are standard with practically all the leading American golf clubs. Write for booklet.

JOHN WILLY, INC. 443 S. Dearborn St. CHICAGO, ILLINOIS

My Hobby

I make good Hickory Golf Shafts for repairing. Guaranteed to please you. Write for prices

ED RECORD

Nail, Arkansas



L. A. Young Co. force assembled at the summer home of the Big Boss, near Birmingham, Mich., for its annual sales meeting. The boys heard themselves lauded for a 1931 business that was far ahead of any previously experienced in the company's four years, and were kept stirred up by having Al Link, general manager, Tom Philpot, sales manager, and L. A. himself tell about the 1932 line and the plans for making the coming season one of an even more brilliant advance.

Those who took part in the skull practice and went over the signals for the 1932 campaign are shown (l. to r.) Standing: Stanley Pelchar, A. C. Minkley, A. F. Poinsett, G. F. Goyette, Bud Roth, T. C. Robbins, W. F. Blakeley, P. R. Sage, E. E. Chapman, Cliff Mogk, Tom White, and W. J. Ring.

Seated: C. Harders, G. J. Herrmann, T. G. Philpot, L. A. Young, A. C. Link, E. M. Chaffee, and G. Holmer.

To Qualify for Caliente Open in Los Angeles

QUALIFYING ROUND for the Third Aqua Caliente Open golf tournament, which carries a purse of \$15,000, will be held December 30 over the two courses of the Sunset Fields G. C.

The Aqua Caliente Open will be held next January 12, 13, 14 and 15, immediately following the Los Angeles Open.

The qualifying test will be of thirty-six holes. San Diego players will have their own qualifying round on January 3 over the links of one of the clubs in the vicinity of that city.

A field of two hundred golfers is expected to tee off in the qualifying round. Some fifty golfers: the thirty leaders in the National Open of 1931 and the thirty-two leaders in the qualifying round of the P. G. A. championship are exempt from qualifying.

ECONOMY

Quick Coupling, Adjustable Opening Valve

Recommended for all hose-less sprinkling systems for golf courses, where speed, economy and efficiency are desired. Write for name of our agent nearest you—he will give free demonstration.

ECONOMY IRRIGATION CO., Inc.

21 Spokane Street
SEATTLE, WASHINGTON

CREEPING BENT STOLONS

Metropolitan and Washington

Special prices on large quantities. Let us quote on your requirements.

THE FLOREX GARDENS
North Wales, Pa. *Est. 1908*



Greenkeepers Board to Hold Boston Meet, Nov. 16-17

EXECUTIVE BOARD of the National Association of Greenkeepers will meet at Boston, Mass., Nov. 16 and 17. Final plans for the organization's annual convention and exhibition to be held at Hotel Pennsylvania, New York City, early in 1932 will be formulated. The meeting probably will give further consideration to the employment of a paid corresponding secretary.

Some Don'ts for Clubhouse Employees

- (1) Don't neglect your personal appearance; be neatly dressed and well-groomed at all times.
- (2) Don't loaf just because your regular duties are finished for the day; find something to do, or ask your manager to assign you a task.
- (3) Don't hesitate to make suggestions for improving the running of the club; the manager and board of governors are always receptive to ideas.
- (4) Don't grumble and sulk when reprimanded; a well-run club needs the full cooperation of all employees.
- (5) Don't wait on a member out of turn; in the few times this is unavoidable, get the permission of the others first.
- (6) Don't show varying degrees of courtesy to different members; they all have equal rights around the club, as far as you are concerned at least.
- (7) Don't loaf around the clubhouse when off duty; keep in the employees quarters and away from members and from employees on duty.

(8) Don't fight with fellow employees; take the matter up with your manager and abide by his decision.

(9) Don't fail to smile and call a member by name when serving him; make him feel you're glad to aid him.

(10) Don't discuss with anyone what you may overhear a member say; your account of the facts may be distorted to your disadvantage.

Golf Adds Circulation and Ads to Utah Papers

SALT LAKE CITY newspapers show how the alert circulation and advertising departments are capitalizing golf. The *Tribune* this year conducted its third annual juvenile, junior and junior open championships. Titles of the winners are recognized by the Utah State Golf association. The *Tribune* awards prizes to the champions, medalists, runners-up and consolation winners.

The Salt Lake *Telegram* runs a Hole-in-One golf page monthly. Fourteen merchants advertise golf and other outdoor goods on the page and donate prizes for those who make aces.

M. C. JOHNSON APPOINTED NEW CLEVELAND TORO DISTRIBUTOR

Minneapolis, Minn.—Toro Manufacturing Company announces the appointment of Merritt C. Johnson as the new Toro distributor for Cleveland, operating under the name of the Cleveland Toro Company. A complete stock of equipment and full shop facilities for overhauling and repair will be available at the district headquarters, 2160 E. 28th St., Cleveland.

MILORGANITE

THE IDEAL TURF FERTILIZER

For further information address

SEWERAGE COMMISSION

508 Market Street Milwaukee, Wis.



**CREEPING BENT TURF
WITHSTANDS HEAT WAVE**

Many greens were ruined in the severe heat wave, but Illinois Grass Co.'s True Washington Strain Creeping Bent stood this trying period with little or no damage. Used by hundreds of golf and country clubs, greenkeepers, etc., in solid turf form. Furnished in rolls ready to lay down like a carpet. Guaranteed quality. Furnished in stolons, also. Write today for prices and samples. J. A. CARTER, Sales Agent—75 E. Wacker Drive, Chicago, or the nurseries at
ILLINOIS GRASS CO. 18455 Reigel Road, Dept. 591, Homewood, Ill.

This Helps Your Buying

Use this page to notify GOLFDOM of your club's requirements for course, clubhouse and pro shop, and you will get prompt and complete details from leading manufacturers.

Check this page and mail it to
GOLFDOM, 205 W. Wacker Drive, CHICAGO

Announcement boards	Fountain—Drinking	Seed—Fairway, Green
Architects—Course;	Furniture—Clubhouse,	Seeders
Landscape	Ground, Porch	Shafts—Hickory, Steel
Arsenate of Lead	Garbage incinerators	Shelters, Course
Awnings	Handicap racks	Shoes
Bags (golf)	Handicap cards	Showers
Balls	Harrows	Shrubs, Trees
Ball markers	Heating Systems—Clubhouse,	Silverware
Ball washers	Water	Sodcutters
Bath Slippers—Paper	Hedge trimmers	Soda fountains
Bath Towels	Hole cutters	Soil screeners
Benches, tee	Hole rims	Soil testers
Bent stolons	Hose	Sprayers
Beverages	Indoor putting surfaces	Spreaders
Beverage bars	Insecticides	(arsenate of lead)
Bird houses	Kitchen equipment	Sprinklers
Brown patch preventives	Landscaping material	Sprinklers (automatic)
Buffing Motors	Laundry equipment	green, fairway
Caddie badges	Lawn sweepers	Sprinkling carts
Caddie time clocks	Linens	Swimming pools
Calks—for golf shoes	Lockers	Tags, Tickets
Chickweed eradicators	Mole traps	Tanks—Elevated, Gasoline,
Clubs	Motion Picture Cameras,	Underground
Club racks	Projectors	Tea room equipment
Compost distributors	Mowers—Fairway, Green,	Tee boxes
Compost mixers	Rough, Tee	Tee data plates
Coolers, water	Mower blades	Tee markers
Discing machines	Mower overhauling	Tee towels
Dish washers	Peats of Various Kinds	Tee umbrellas
Display cases	Phonographs, automatic	Tees—Patented
Drags	Pipe—Drainage, Water	Teeing devices, automatic
Drainage engineers	Playground equipment	Tennis court equipment
Dryers	Plumbing supplies	Tile—Drainage
Dump carts	Prizes and trophies	Time recorders
Electric systems	Pumps (shallow—deep—)	Tractors
Fencing	Putting cups	Water softeners
Fertilizer	Restaurant Checks	Water systems
Fertilizer distributors	Refrigerators	Water system engineer
Flags	Renovators, turf	Weed killers
Flag poles	Rollers—Fairway, Green,	Weed stingers
Flood lights	Spiked	Worm eradicators
	Score cards	Yardage Markers
	Scythes, motor-driven	

(PLEASE PRINT SIGNATURE AND ADDRESS PLAINLY)

Club

By

Position

Address

Date.....1931

Rate for these
Ads is 10 cents
a word--
Minimum Ad
is \$2.50

JOBBS

Position wanted as pro-greenkeeper by well-known man having more than 20 years' experience. Recommended by leading professionals and officials of clubs with which he has been connected. Reputation as one of the leading instructors in the game. Service has included connection with some of the foremost clubs. *Address: Ad 1617, % Golfdom, Chicago.*

One of the best known younger professionals in the middle states desires southern location for the winter. Splendid business man, thoroughly dependable and competent, and will be active in soliciting business for the establishment. *Address: Ad 1616, % Golfdom, Chicago.*

Greenkeeper—highly experienced. Can save you money in upkeep of course and equipment. Always on the job and can furnish highest-class references. *Address: Ad 1615, % Golfdom, Chicago.*

Club manager—pro, grounds superintendent, desires location with club where executive, hard-working and conscientious man can serve club to mutual profit. Sober, A-1 credit rating, honest, expert teacher. Mother as caterer if desired; both have served in similar capacity for several years. Single, 33, high-class references. *Address: Ad 1614, % Golfdom, Chicago.*

Greenkeeper wishes position. Will go anywhere. Six and a half years' experience. Attended ten-week course at Amherst last winter. Single; does not drink. Young but capable. *Address: Ad 1613, % Golfdom, Chicago.*

Greenkeeper—Age 37, married, 10 years' experience as greenkeeper and builder through Ohio territory; wants to locate in Ohio. Can furnish highest references. For further details write: *Ad 666, % Golfdom, Chicago.*

Greenkeeper—experienced graduate horticulturalist and landscaper wants position in south or west starting in October or November. Age 24, single. Best of references. *Address: Ad 1606, % Golfdom, Chicago.*

Pro-Greenkeeper—wants opportunity to build up run-down private or daily-fee course. Thorough business training besides 15 years' experience as instructor, clubmaker, greenkeeper, manager. Member P. G. A.; age, 39; married; teetotaler. At last position, put course on profitable basis first season; can do it for you. *Address: Ad 1612, % Golfdom, Chicago.*

Experienced Professional—Would like to make a change for the 1932 season. Excellent reputation as instructor, merchant, and promoter of club interests and tournaments. Class A member of P. G. A. for past three years. Married, college education and excellent credit rating. *Address: Ad 1619, % Golfdom, Chicago.*

Professional—open for winter only; age 35, A-1 credit rating. Interested in success of all phases club's activities. Excellent instructor. Clubmaker. Go anywhere. *Address: Ad 1611, % Golfdom, Chicago.*

Man and wife open to operate medium size golf club; man as pro-greenkeeper, with 14 years' experience. Good player, instructor, expert greenkeeper. Member P. G. A. and National Greenkeeper. Wife as hostess or manager with 9 years' experience. Both 5 years last club. Come highly recommended by club officials—willing to go anywhere. *Address: Ad 1610, % Golfdom, Chicago.*

Pro-Greenkeeper desires change. Member P. G. A. and National Association Greenkeepers. Successful instructor and can save money on maintenance with new systematic management. Take full charge of golf shop and clubhouse grounds and golf course. *Address: Ad 1609, % Golfdom, Chicago.*

Position desired for winter season as assistant pro or caddie-master. Three years' experience. Excellent references. Will go anywhere. *Address: Ad 1607, % Golfdom, Chicago.*

Professional with excellent record, attached to good club, desires winter position, south or west. References from present and former employers. Would affiliate with 9 or 18-hole club. *Address: Ad 1608, % Golfdom, Chicago.*

Locker-Room Steward—Experienced man with highest references from his service at several well-known clubs, is available for service as locker-room steward. First class organizer of locker-room service and active, competent worker. For full details of experience, write: *Ad 1504, % Golfdom, 236 N. Clark St., Chicago.*

Professional open for winter connection. Age 28; married. Swedish and German descent. Member P. G. A. Credit rating excellent. Experienced clubmaker, good player, excellent instructor. Can take charge of course. Best of references. Give details in first letter. *Address: Ad 1604, % Golfdom, Chicago.*

Greenkeeper—With 10 years' experience, 9 years at one club, desires position. Expert in upkeep and care of equipment. *Address: Ad 1605, % Golfdom, Chicago.*

Professional with 20 years' bench and factory experience in clubmaking, desires position as assistant to professional at big club or in golf factory. Is first-class salesman. *Address: Ad 1618, % Golfdom, Chicago.*

Vol. 5. 20,200 COPIES OF OCTOBER, 1931, GOLFDOM GUARANTEED No. 10

Advertisers' Index

Allerton House	59	Naperville Nurseries	60
American Fork & Hoe Co., The.....	29	Nelson Mfg. Co., L. R.....	53
Atkins & Durbrow, Inc.....	61	Nitrate Agencies Co.....	5
Buckner Mfg. Co.,	2	Pacific States Cast Iron Pipe Co.....	55
Budd Mfg. Co., The.....	60	Pack, Dr. H. B.....	61
Carrier, Lyman	62	Peckham, A. N.....	60
Converse Co., Inc., F. S.....	6	Pennsylvania Lawn Mower Co.....	2nd Cover
Crane Company	4	Piccadilly Hotel	55
Crawford, McGregor & Canby.....	27	Porcelain Products, Inc.....	54
Daray, Jack	61	Premier Poultry Manure Co.....	2
Diamond Calk Horseshoe Co.....	61	Pyratone Products Corp.....	41
Des Moines Glove & Mfg. Co.....	60	Record, Ed.	63
Economy Irrigation Co.....	64	Roseman Tractor Mower Co.....	8
Flores Gardens, The.....	64	Royer Foundry & Machine Co.....	52
French Lick Springs Hotel.....	49	Scott & Sons Co., O. M.....	51
Godwin, Hiram F.....	63	Seaside Bent Co.....	58
Golf Course Commonsense.....	3rd Cover	Sherman Hotel	59
Golf Guide Co.....	59	Silver Mfg. Co., The.....	54
Goodyear Tire & Rubber Co.....	25	Simplex Mfg. Co., Inc.....	41
Horner, R. S.....	63	Stauder Mak-A-Tractor Co., E. G.....	6
Horton Mfg. Co.....	39	Stump & Walter.....	62
Hyper-Humus Co.....	62	Toncan Culvert Mfrs. Ass'n.....	7
Illinois Grass Co.....	65	Toro Mfg. Co.	47
International Harvester Co.....	3	U. S. Rubber Co.....	Back Cover
Kemp Mfg. Co.....	2	Vestal Co., John H.....	62
Lewis Co., G. B.....	60	Wickwire-Spencer Steel Co.....	6
McCullough Sons Co., The J. M.....	58	Willy, John	63
McWane Cast Iron Pipe Co.....	55	Wilson-Western Sporting Goods Co...	31
Miller & Associates, W. P.....	1	Young Company, L. A.....	33-4-5-6
Milorganite	65		

Editor
HERB GRAFFIS

Golfdom
Copyright

Advertising Manager
JOE GRAFFIS

Tel. STate 3160-1

Chicago, Ill.

205 W. Wacker Drive

REPRESENTATIVES

Eastern—ALBRO GAYLOR, 20 Vesey St., New York City. Tel. Cortlandt 7-4031.
Western—DWIGHT H. EARLY, 100 N. LaSalle St., Chicago. Tel. CENTral 4158.
Pacific—HALLETT COLE, 846 S. Broadway, Los Angeles, Cal. Tel. Vandike 7386.

Published 1st of each month. Forms close 20th of month preceding date of issue.

Circulation: The president, green-chairman, greenkeeper, house manager and professional of every golf club in the United States receives a personally addressed copy of GOLFDOM each month. Please notify us at once of any changes in above offices, sending us the new names and addresses. To all others—\$3 per year.

Practical information

from the proving grounds of experience...

GOLF COURSE COMMONSENSE

By G. A. FARLEY

A complete manual of greenkeeping . . .

The golf field has waited long for this valuable and practical guide to good greenkeeping. It presents, for the first time, full details of the methods of the country's foremost greenkeepers in simple, usable form. "Golf Course Commonsense" tells you what the most successful greenkeepers and the leading turf scientists do to put and maintain courses in the top-notch condition demanded by exacting players and club officials.

Each chapter of the book is rich in working instructions based on a careful study of the methods employed by leaders in the course

construction and maintenance field.

PARTIAL TABLE OF CONTENTS

Soils, Fertilization and Growth.
Grasses. Fairways. Hazards.
Weeds and Diseases.
Equipment and Supplies.
Greenkeeping in the South.
Golf Course Trees.
Drainage and Water Systems.
Tees. Putting Greens.
Topdressings and Turf Repair.
Birds, Animals and Insects.
Keeping Course Records.
Concrete Construction.
Growing Choice Flowers.
The Golf Course in Community
Welfare.

This is the business book that is essential to the library of every greenkeeper, green-chairman, professional, supply man and manager interested in course maintenance.

The price, postpaid,

\$4.00

GOLFDOM, The Business Journal of Golf

BOOK DEPARTMENT

205 W. Wacker Drive

CHICAGO