

New Jersey Course for Greenkeepers

BY HOWARD B. SPRAGUE

THE College of Agriculture, Rutgers University at New Brunswick, N. J., held its second annual short course in turf management, February 24-28 with a splendid attendance of greenkeepers. This course which was started last year, is designed to acquaint greenkeepers, members of Green committees, estate managers and others in some of the fundamental principles that underlie the successful establishment of turf on golf courses, athletic grounds, parks and estates.

The enrollment was 66 this year as compared with 54 in 1929. Nearly every man was present every day of the course and interest was maintained throughout. The tuition is free and a nominal charge of \$5.00 only is made for registration.

Space will not permit a complete description of the papers and the discussions, but we print herewith the program as a guide to other colleges who may have the same kind of work in mind.

Program

Monday A.M.	
1 hr.	9-10 Registration.
1 hr.	10-11 Modern turf management Dean J. G. Lipman
1 hr.	11-12 Soil types and plant growth Prof. L. L. Lee
Monday P.M.	
2 hrs.	1-3 Soil Physics—Structure, aeration, moisture supply, etc. Dr. J. S. Joffe
2 hrs.	3-5 Drainage—Natural and artificial Prof. E. R. Gross
Tuesday A.M.	
1 hr.	9-10 Principles of soil and plant chemistry Dr. J. S. Joffe
1 hr.	10-11 The natural supply of plant nutrients from the soil. Dean J. G. Lipman
1 hr.	11-12 The nature of commercial fertilizers Prof. A. W. Blair
Tuesday P.M.	
1 hr.	1-2 The use of commercial fertilizers Prof. A. W. Blair
1 hr.	2-3 The nature of soil acidity and its detection Prof. A. L. Prince
1 hr.	3-4 Forms of lime and their use on turf Mr. H. R. Cox
Wednesday A. M.	
1 hr.	9-10 Fertilizer tests at New Brunswick Dr. H. B. Sprague
2 hrs.	10-12 Soil micro-organisms and plant nutrition Dr. R. L. Starkey
Wednesday P.M.	
1 hr.	1-2 Compost materials and composting Mr. H. R. Cox
1 hr.	2-3 The structure and function of plants Dr. H. B. Sprague
1 hr.	3-4 The characteristics of good turf plants Dr. H. B. Sprague
Thursday A.M.	
1 hr.	9-10 The climatic adaptation of turf plants Dr. H. B. Sprague
1 hr.	10-11 The soil adaptation of turf plants Mr. E. E. Evaul
1 hr.	11-12 Seeds of turf plants Miss J. G. Fiske
Thursday P.M.	
1 hr.	1-2 Inspection of seed testing laboratory Miss J. G. Fiske
2 hrs.	2-4 Turf infesting insects and their control Prof. C. C. Hamilton

1 hr. 4-5 Weeds and their control
Dr. H. B. Sprague

Friday A.M.

2 hrs. 9-11 Turf diseases and their control
Mr. E. E. Evaul

1 hr. 11-12 Starting new turf
Dr. H. B. Sprague

Friday P.M.

1 hr. 1-2 Renovating poor turf
Mr. E. E. Evaul

1 hr. 2-3 Care of turf—watering, mowing, rolling, top dressing, etc.
Dr. H. B. Sprague

1 hr. 3-4 Final conference
Dr. H. B. Sprague

ENROLLMENT OF STUDENTS NEW JERSEY GREENKEEPERS COURSE

Abbot, M. M., F. H. Woodruff & Sons, Milford, Conn.
Anderson, John, Crestmont Golf Club, West Orange, N. J.
Applegate, Atwood, Cranmoor Country Club, Toms River, N. J.
Baker, C. W., 129 Magnolia Avenue, Jersey City, N. J.
Beckett, P. V., Watchung Valley Golf Club, Plainfield, N. J.
Biase, M., Montclair Golf Club, Montclair, N. J.
Boice, H., Hopewell Valley Golf Club, Hopewell, N. J.
Brickley, W., Merchantville Country Club, Merchantville, N. J.
Bryden, R., Yale Golf Club, Druffee Hall, Elm St., New Haven, Conn.
Bullock, R., Aldecress Golf Club, Demarest, N. J.
Burton, A. D., Mountain Rdg. Country Club, West Orange, N. J.
Cameron, J., Yountakah Golf Club, Nutley, N. J.
Carroll, T., Maplewood Country Club, Maplewood, N. J.
Cavanaugh, L. J., Fox Hill Country Club, W. Pittston, Pa.
Coerper, C. W., Montclair Golf Club, 101 Prospect Ave. Verona, N. J.
Conover, J. L., S. R. Guggenheim Estate, Port Washington, L. I., N. Y.
Davidson, J., 274 Bronx Avenue, Bridgeport, Conn.
Dawson, R., Cranmoor Country Club, Toms River, N. J.
Delmarle, V., Knickerbocker Golf Club, Tenafly, N. J.
Dietrich, O. H., Atkins & Durbrow, Inc., 29 Burling Slip, N. Y. C.
Eaton, A. V., Trenton Golf Club, Trenton, N. J.
Eggleston, P. W., Park Ridge, N. J.
Emeneger, F. W., Fairfield Golf Club, Southport, Conn.
Fogarty, E., Shackamaxon Country Club, Westfield, N. J.
Grady, J. J., Roselle Golf Club, Roselle, N. J.
Granger, R. T., Toro Equipment Co., New York, N. Y.
Hankinson, K., Quality Products Institute, Pennington, N. J.
Hayes, R. J., Pelham Country Golf Club, Pelham Manor, N. Y.
Hess, F., Bloomfield, N. J.
Hodges, J. W., Atlantic City Country Club, Northfield, N. J.
Hoile, W., Crestmont Golf Club, West Orange, N. J.
Hopkins, H. E., Forsgate Country Club, Jamesburg, N. J.
Isleib, H. T., Locust Grove Golf Club, Rahway, N. J.
Jenkins, C. M., Arthur D. Peterson, Inc., New York, N. Y.
Jones, F., Hollywood Golf Club, Deal, N. J.
Keirstead, R. H., Canoe Brook Country Club, Summit, N. J.
Kells, George, East Orange Golf Ass'n., R. F. D. Livingston, N. J.
Laing, C., Metuchen Golf Club, Metuchen, N. J.
Main, G., Maplewood Golf Club, Maplewood, N. J.
Milnes, G. W., Metro. Golf Ass'n., Bloomfield, N. J.
Mottole, M., Canoe Brook Golf Club, Summit, N. J.
Ness, S., Watchung Nursery, Plainfield, N. J.
Ormond, J., Canoe Brook Golf Club, Summit, N. J.
Peterson, A. D., Arthur D. Peterson, Inc., New York, N. Y.
Pantley, H., Forest Hill Golf Club, Newark, N. J.
Porter, R. C., Union County Park Commission, Elizabeth, N. J.
Radway, E. S., Radwaner Seed Company, Inc., New York, N. Y.

Reid, A. H., Watchung Valley Country Club, Plainfield, N. J.
 Roth, B., Hackensack Golf Club, Hackensack, N. J.
 Roth, F. J., Plainfield Golf Club, Plainfield, N. J.
 Roth, W., Hackensack Golf Club, Hackensack, N. J.
 Riley, W. F., Rock Springs Country Club, West Orange, N. J.
 Schubkegel, C., Pinewald Country Club, Pinewald, N. J.
 Sharkey, W., Essex County Golf Club, West Orange, N. J.
 Snyder, D. M., Garwood Nursery, Garwood, N. J.
 Smith, J., 215 Elm Avenue, Rahway, N. J.
 Stroud, E., Laurence Brook Golf Club, 12 Pierson Street, South River, N. J.
 Terhune, O. W., MacMullen Terhune Co., Maywood, N. J.
 Tetor, P., Ridgewood Country Club, Ridgewood, N. J.
 Walters, Capt. J. W., Raritan Arsenal, Metuchen, N. J.
 Weiland, L., Springdale Golf Club, Princeton, N. J.
 Williams, Miss F. M., Philadelphia Seed Co., Philadelphia, Pa.
 Winn, E. L., Colonia Golf Club, Union, N. J.
 Witte, C. P., Essex County Park Commission, 115 Clifton Ave., Newark, N. J.
 Wunder, W., Maplewood, N. J.
 Greehan, A., Essex County Golf Club, West Orange, N. J.

Rutgers in New Jersey also has a course to offer the greenkeepers. This is located in New Brunswick and is under the direction of Dr. Howard B. Sprague who was a speaker at Louisville.

"Live and learn" seems to be the motto of the modern greenkeeper. If we do not keep up with the trend to produce on a scientific basis we will not last long. Lucky is the greenkeeper who can take advantage of the opportunity to learn something of the scientific side of greenkeeping. Practical knowledge, coupled with science will attain great heights.

Spring is almost here and the busy season will soon be upon us. Before you get too busy, how about getting a few new members for the association. Run over and see that prospect who has been waiting for you to ask him to join.

Have you paid your dues for 1930? It takes money to run a golf course, also an association. Make out that check now while you are thinking about it.

The show committee will announce the headquarters for the 1931 show very soon. They have started to work on next year's convention already. There is no chance for cobwebs to collect on that committee.

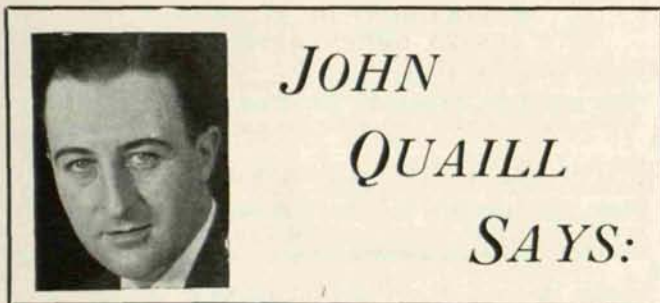
Boost the Association.

Greenkeepers Appointed On Green Section Committee

President C. W. Colby of the Cleveland District Golf Association has announced the appointment of Frank Dunlap, greenkeeper Hawthorne Valley Golf Club, Frank Ermer, greenkeeper Ridgewood Golf Club, and J. H. Way, pro-greenkeeper, Canterbury Golf Club, to serve on the Green Section committee of the association.

As was the case last year when this plan was first instituted, the greenkeepers serve in an advisory capacity and assist the other members who are chairmen of Green committees of various clubs.

The Cleveland District Green Section is not a "service bureau" and does no purchasing for the clubs. It is merely a bureau of information and is used extensively by greenkeepers of the Cleveland District, who in practically all cases do the purchasing for their clubs.



**JOHN
QUAIL
SAYS:**

THE greenkeepers have been busy the past few months attending short courses and conferences at several colleges and universities. There are about four or five short courses in existence at present and more will probably be started in the near future.

Massachusetts Agriculture probably runs the most complete course, it being about ten weeks long and covers many subjects. It is under the direction of Prof. L. S. Dickinson, whom we all know.

Pennsylvania State College has operated a short course and conference for the last two years and this course is also becoming well known to the greenkeepers of the Keystone State. Penn State is carrying on experiments not duplicated by any other experimental grounds in the United States and they are making good headway. Sixty-five attended the conference this year.

The University of Wisconsin opened up this year with an attractive conference for the greenkeepers of the middle west. It was well attended and the greenkeepers no doubt derived many benefits.

BENT GRASS SEED

Nine-tenths of the seed offered by seed dealers invariably is of foreign origin and often is not acclimated to the severe variable climatic conditions of our northern states. SHOULD AMERICANS PLAY THEIR GAMES ON "GERMAN, NEW ZEALAND OR CANADIAN" GRASS WHEN THEY CAN PURCHASE SEED, THAT PRODUCES THE SAME KIND OF TURF, FROM AMERICAN FARMERS WHO GROW IT?

KINGSTON

A. N. PECKHAM

RHODE ISLAND

**10 YEARS
of Furnishing
SEED
Direct from the
FARMS
Where it grows
to you**

"Every penny of waste between farmer and consumer that we can eliminate will be a gain both to the farmer and consumer."—President Hoover