

FRIDAY, FEBRUARY 27

Relation of soil treatment to fungous diseases.

John Monteith, Jr., U. S. G. A. Green Section

Relation of soil treatment to grasses and weeds.

J. W. White and A. L. Patrick, Dept. Agronomy

Summary of fertilizer studies; recommendations for fine turf grasses.

J. W. White, Dept. Agronomy

The expenses to students attending the 4-weeks course need not exceed \$60, including both living expenses and college fee. The largest single item of expense is room and board, which will be from about \$9.50 to \$10.50 a week. The college fee is \$10. Other expenses would consist of laundry, stationery, and miscellaneous items. In some of the subjects books may be required.

Greenkeeping Instruction at State University of New Jersey

By Howard B. Sprague

State College of Agriculture, New Brunswick, N. J.

Our first short course of instruction in turf management was held in 1929, and was attended by 54 greenkeeping students. The following year the attendance increased to 66 students. In 1931 we shall offer, in addition to the regular course, a special course for advanced students.



Attending group at the second annual short course of instruction in turf management given at the State College of Agriculture, Rutgers University, New Brunswick, N. J., February, 1930

The regular course will be held during the week February 16 to 21, 1931. There is no charge for tuition, but a registration fee of \$5 is payable at the time of registration, or may be sent in with the application for enrollment. A fee of \$1 also is charged for outlines of lectures. Applicants for enrollment must be at least 18 years of age. Applications should be sent to F. G. Helyar, Director of Short

Courses, Rutgers University, New Brunswick, N. J. The applicant should give his age and place of residence and indicate with what golf club he is connected and in what capacity. Registration for the regular course will be held from 9 to 10 a. m. Monday, February 16, in the Short Course Building. This is located just off Nichol Avenue, New Brunswick, opposite Suydam Street, and may be reached by busses to South Amboy, stopping at Nichol Avenue and walking two blocks west, or by south-bound trolleys and getting off at Suydam Street and walking three blocks south. The work in the regular course will consist of lectures and discussions, supplemented by laboratory demonstrations where possible. The program is as follows:

MONDAY, FEBRUARY 16

Registration.

Modern turf management.....*J. G. Lipman, Dean of College*
 Soil types and plant growth.....*L. L. Lee, Dept. Soils*
 Soil physics; structure, aeration, moisture supply, etc.....*J. S. Joffe, Dept. Soils*
 Drainage; natural and artificial.....*E. R. Gross, Dept. Agricultural Engineering*

TUESDAY, FEBRUARY 17

Principles of soil and plant chemistry.....*J. S. Joffe, Dept. Soils*
 Natural supply of plant nutrients from the soil.....*J. G. Lipman, Dean of College*
 Nature of commercial fertilizers.....*A. W. Blair, Dept. Soils*
 Use of commercial fertilizers.....*A. W. Blair, Dept. Soils*
 Nature of soil acidity and its detection.....*A. L. Prince, Dept. Soils*
 Forms of lime and their use on turf.....*H. R. Cox, Extension Agronomist*

WEDNESDAY, FEBRUARY 18

Fertilizer tests at New Brunswick.....*H. B. Sprague, Dept. Agronomy*
 Soil micro-organisms and plant nutrition.....*R. L. Starkey, Dept. Soils*
 Compost materials and composting.....*H. R. Cox, Extension Agronomist*
 Structure and function of plants.....*H. B. Sprague, Dept. Agronomy*
 Characteristics of good turf plants.....*H. B. Sprague, Dept. Agronomy*

THURSDAY, FEBRUARY 19

Climatic adaptation of turf plants.....*H. B. Sprague, Dept. Agronomy*
 Soil adaptation of turf plants.....*E. E. Evaul, Dept. Agronomy*
 Seeds of turf plants.....*Jessie G. Fiske, State Seed Laboratory*
 Inspection of seed testing laboratory.....*Jessie G. Fiske, State Seed Laboratory*
 Turf-infesting insects and their control.....*C. C. Hamilton, Dept. Entomology*
 Weeds and their control.....*H. B. Sprague, Dept. Agronomy*

FRIDAY, FEBRUARY 20

Turf diseases and their control.....*E. E. Evaul, Dept. Agronomy*
 Starting new turf.....*H. B. Sprague, Dept. Agronomy*
 Renovating poor turf.....*E. E. Evaul, Dept. Agronomy*
 Care of turf; watering, mowing, rolling, top-dressing, etc.
H. B. Sprague, Dept. Agronomy
 Final conference.....*Led by H. B. Sprague, Dept. Agronomy*

The advanced course, which will be held the three days February 23, 24, and 25, is open to students who have already completed the regular one-week course. The attendance will be restricted to 20 students. The registration fee is \$3. The subjects to be presented in the advanced course are as follows:

Problems in irrigation and drainage.....*E. R. Gross, Dept. Agricultural Engineering*
 Soil analysis.....*H. B. Sprague, Dept. Agronomy*
 Commercial fertilizers and lime.....*H. R. Cox, Extension Agronomist*
 Study of disease organisms.....*E. E. Evaul, Dept. Agronomy*
 Seed analysis.....*Jessie G. Fiske, State Seed Laboratory*
 Identification of turf plants.....*H. B. Sprague, Dept. Agronomy*