

Some excellent yields of bent grass seed were obtained on the plots where different varieties were grown for seed production last year. The plots of Rhode Island bent where different fertilizers were used for seed production also produced good yields with the better treatments. These results have caused considerable interest both locally and in other sections of the country.

Commercial firms dealing in golf equipment are again being invited to exhibit and demonstrate their different lines. The demonstrations will be held on the College Campus.

A cordial invitation is extended to Greenkeepers, Green section chairmen and all others who may be interested in this field day.

Rutgers Greenkeepers' School

Schedule for 1-Week Short Course on
PRINCIPLES OF TURF MANAGEMENT

Given at the College of Agriculture, Rutgers University, New Brunswick, N. J., February 16-20, inclusive, 1931. Leader: Dr. H. B. Sprague.

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 source and preparation of fertilizer materials. 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 microorganisms 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. Seed of turf plants. Miss J. G. Fiske.
- 1 hr., 3-4. Inspection of seed testing laboratory. Miss J. G. Fiske.

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. The structure and function of plants. Dr. H. B. Sprague.

Thursday, P. M.—

- 1 hr., 1-2. The characteristics of good turf plants. Dr. H. B. Sprague.
- 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.

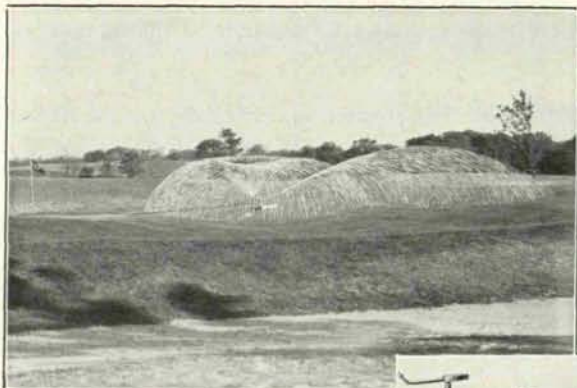
Registration List

Greenkeepers' Short Course. College of Agriculture, Rutgers University, New Brunswick, N. J.

- Abbott, M. W., F. H. Woodruff & Sons, Milford, Conn.
- Adams, George Roy, 14 Spruce St., Tenafly, N. J.
- *Adams, William W., 11 Central Ave., Tenafly, N. J.
- *Anderson, John, Crestmont Golf Club, West Orange, N. J.
- Applegate, Atwood, Cranmoor Country Club, Toms River, N. J.
- Auger, Arthur, Washington St., W. Boxford, Mass.
- *Badgley, Jarvis E., 103 Bloomingdale Ave., Cranford, N. J.
- Baker, C. W., 129 Magnolia Ave., Jersey City, N. J.
- Bancker, William D., Jr., Basking Ridge, N. J.
- Beckett, Perry V., Watchung Valley Golf Club, Plainfield, N. J.
- Besson, Hugh S., Peter Henderson Seed Co., 136 W. 3d Ave., Roselle, N. J.
- Biase, M., Montclair Golf Club, Montclair, N. J.
- *Boice, Harvey, Hopewell Valley Golf Club, Hopewell, N. J.
- Brickley, Walter P., Riverton Country Club, 38 Spruce St., Merchantville, N. J.
- Bryden, R., Yale Golf Club, Elm St., New Haven, Conn.
- *Bullock, Robert, Aldecress Golf Club, Westervilt Pl., Cresskill, N. J.
- Burris, Michael, 15 Tenafly Road, Englewood, N. J.
- *Burton, Arthur D., Mountain Ridge Country Club, 95 Fairfield Ave., Caldwell, N. J.
- Camdron, J., Yountakah Golf Club, Nutley, N. J.
- Carlson, Harold A., 100 Forrest Ave., Verona, N. J.
- Carroll, Tony, Maplewood Country Club, 78 Park Ave., Summit, N. J.
- Cavanaugh, L. J., Fox Hill Country Club, W. Pittston, Pa.
- Cockefair, Alfred G., Bloomfield Golf Course, 879 Broad St., Bloomfield, N. J.



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 Conover, J. L., S. R. Guggenheim Estate, Port Washington, L. I., N. Y.
 Conover, Joseph S., Hollywood Golf Club, Deal, N. J.
 Custance, Harry C., Amawalk, N. Y.
 *Davidson, John, Wipporwill Club, 274 Bronx Ave., Bridgeport, Conn.
 Dawson, R., Cranmoor Country Club, Toms River, N. J.
 Delmarle, V., Knickerbocker Golf Club, Tenafly, N. J.
 Dietrich, O. H., Atkins & Durbrew, Inc., 29 Burling Slip, N. Y. C.
 Dixon, Miss Correlis, International Seed Service, 50 E. 10th St., N. Y. C.
 DuRie, Samuel Clark, 26 Maple St., Rahway, N. J.
 Eaton, Alfred V., Trenton Country Club, Trenton, N. J.
 Eggleston, P. W., Park Ridge, N. J.
 *Emeneger, F. W., Fairfield Golf Club, Southport, Conn.
 Ferrieri, Joe, Lake Mahopac, N. Y.
 Finley, William F., Norwood Country Club, 147 Oakwood Ave., Long Branch, N. J.
 Fitch, Edgar L., 969 W. Front St., Plainfield, N. J.
 *Fogarty, Edward, Schakamaxon Country Club, 123 E. Broad St., Westfield, N. J.
 Fox, Jack, Equinox Country Club, Manchester, Vt.
 Georgidse, Amberky, 351 E. 14th St., N. Y. City.
 Goetz, Harry J., Cooper River Pkwy. Country Club, 604 W. Maple Ave., Merchantville, N. J.
 Gourley, Walter, Springbrook Country Club, Whatnong Terrace, Morris Plains, N. J.
 *Grady, James J., Roselle Golf Club, Roselle, N. J.
 Granger, R. T., Toro Equipment Co., New York City.
 Grant, George H., Madisonville Rd., Basking Ridge, N. J.
 Gunther, John H., Mill Brook Ave., Dover, N. J.
 Grant, Thomas H., Basking Ridge, N. J.
 Greehan, A., Essex Co. Golf Club, West Orange, N. J.
 Hankinson, K., Quality Products Institute, Pennington, N. J.
 Hayes, R. J., Pelham Country Golf Club, Pelham Manor, N. Y.
 Hero, Lyndon P., 282 Myrtle Ave., Irvington, N. J.
 *Hess, F., Bloomfield, N. J.
 Higham, Harry G., Preakness Country Club, 69 Prince St., Paterson, N. J.
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 Hoile, W., Crestmont Golf Club, West Orange, N. J.

- Hopkins, Harry E., Forsgate Country Club, Jamesburg, N. J.
 Hunter, David S., Pleasant Valley Way, W. Orange, N. J.
 *Isleib, Henry T., Locust Grove Golf Club, Rahway, N. J.
 Jeffers, Henry, J., Plainsboro, N. J.
 Jeffrey, Robert, Shelter Rock Country Club, Roslyn, L. I.
 Jenkins, C. H., Arthur D. Peterson, Inc., New York City.
 Jenkinson, Jesse, 90 William Place, Paterson, N. J.
 Johnson, Archie D., Somers Point, N. J.
 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, 11 Kling St., W. Orange, N. J.
 Kerns, George R., Riverton Country Club, Thomas Ave., Riverton, N. J.
 Laing, Charles S., Metuchen Golf Club, Plainfield Ave., Metuchen, N. J.
 Landreth, Charles H., D. Landreth Seed Co., 245 W. Highland Ave., Chestnut Hill, Pa.
 *Lantz, Barney, Springfield Road, Mountinside, N. J.
 LaVigne, George E., 535 Grand Ave., Englewood, N. J.
 McCallip, Wright, London, Ohio.
 McDonald, G., Shelter Rock Golf Club, Bayside, N. Y.
 McLaughlin, James M., 63 Throop Ave., New Brunswick, N. J.
 Machie, John B., Inwood Country Club, Inwood, L. I.
 Main, Alex, Bellport Country Club, Bellport, N. Y.
 Main, George E., Maplewood Golf Club, Livingston Ave., Livingston, N. J.
 Masek, Frank, 413 Pine St., Roselle, N. J.
 Miller, Thomas H. R., Richmond County Country Club, 123 Bachs Ave., New Dorp, S. I.
 Milnes, George W., Metropolitan Golf Ass'n., 294 Montgomery St., Bloomfield, N. J.
 Minwegen, Thomas J., 619 Wall St., Long Branch, N. J.
 Mottola, H., Canoe Brook Golf Club, Summit, N. J.
 Muller, Anthony, Noisy Brook Farm, Flemington, N. J.
 Ness S., Watchung Nursery, Plainfield, N. J.
 Ormond, J., Canoe Brook Golf Club, Summit, N. J.
 Pantley, Harmon, Forest Hill Golf Club, 701 Sumner Ave., Newark, N. J.
 Peterson, A. D., Arthur D. Peterson, Inc., New York City.
 Pierce, Benjamin F., 253 Amherst St., E. Orange, N. J.
 Porter, R. C., Union County Park Commission, Elizabeth, N. J.
 Pulver, George J., Box 363, Saratoga Springs, N. Y.
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 *Roth, Bernard, Hackensack Golf Club, 4th Ave., Westwood, N. J.
 *Roth, Fred J., Plainfield Country Club, Plainfield, N. J.
 Roth, W., Hackensack Golf Club, Hackensack, N. J.
 Schoppe, William A., Pennbrook Golf Club, Maple Ave., Basking Ridge, N. J.
 *Schubkegel, Conrad, Pinewald Golf Club, R. F. D., No. 3, Lakewood, N. J.
 Sharkey, William, Essex County Golf Club, Pleasant Valley Way, W. Orange, N. J.
 Sharkey, William, Jr., Pleasant Valley Way, W. Orange, N. J.
 Sipples, John T., Western Electric Co., 5 Romain Place, Newark, N. J.
 Smith, Lemuel, Plainfield Community Golf Club, 1020 W. 8th St., Plainfield, N. J.
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 Snyder, D. M., Garwood Nursery, Garwood, N. J.
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 Steiniger, Eberhard R., Pine Valley Golf Club, Clementon, N. J.
 Stroud, Edward, Laurence Brook Golf Club, 12 Pierson St., South River, N. J.
 Sullivan, Frank, Purchase Country Club, 691 E. 138th St., N. Y. C.
 *Terhune, Oliver W., MacMullen-Terhune Co., Rochelle Park, N. J.
 *Tetor, Paul, Ridgewood Country Club, 248 W. Ridgewood Ave., Ridgewood, N. J.
 Truran, Joseph P., North Hills Golf Club, Douglaston, N. Y.
 Ursi, Nicholas, Essex Co. Park Com. Golf Course, 667 N. 8th St., Newark, N. J.
 Walter, Alan C., Ridgewood Country Club, Ridgewood, N. J.
 Walter, Carl, Pinewald Country Club, R. F. D. No. 2, Lakewood, N. J.
 Walters, Capt. J. W., Rariton Arsenal, Metuchen, N. J.
 Weiland, Louis F., Springdale Golf Club, 35 Chestnut St., Princeton, N. J.
 Wetzel, Henry C., Merchantville Country Club, 16 E. Park Ave., Merchantville, N. J.
 Whitman, Mrs. Emy B., 1216 West Drew, Houston, Texas.
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 Wildrick, Albert M., Blair Academy, R. F. D. 1, Blairstown, N. J.
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 Wunder, W., Maplewood, N. J.

Names marked with star attended the advanced course covering a three-day period, from February 23 to 25 inclusive.



**JOHN
QUAIL**
SAYS:

THIS is the busiest season of the year, but don't get too busy to get a few new members or pay your dues.

* * *

If we want to keep our promise to have a thousand members by the next convention, we will have to have better support from the present membership. Keep after the prospective member until you get him in.

Have you decided to join the Death Benefit Fund yet? If you want to join, make application to the secretary.

* * *

Quite a few local organizations are changing the name of their associations from greenkeepers' association to golf course superintendents' association. Since a greenkeeper has charge of so many different operations around a club he deserves a more fitting name than greenkeeper which only applies to greens and a golf course. The name superintendent seems to be more fitting.

* * *

Philadelphia, Pittsburgh and Minnesota local associations are known as golf course superintendents and the reaction has been most satisfactory.

* * *

Several local associations are planning field days this summer. Great big outdoor meetings at some well-known club or experimental station will do much to improve the knowledge of all who attend. The Western Pennsylvania boys are planning a trip to Penn State College to visit the well-known experimental plots. It will be a grand trip and a lot of benefit will be derived from the visit.

* * *

Don't forget to write that story for the NATIONAL GREENKEEPER and send the pictures in. We want to make the magazine the best in the world, so let's all help.

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