

Bidwell photo

## ENGEL DESCRIBES RESEARCH RESULTS AT RUTGERS

Rutgers University annual turf field day this year drew 175, mainly of those interested in golf turf although other turf interests were well represented. In this view, Dr. Ralph Engel is explaining one group of the plots to some golf course superintendents. U-3 Bermuda and zoysia plots received considerable attention, as did an outstanding exhibit of disease prevention and control with a combination of Tersan and Calo-Clor.

No. 16 are unquestionably competing with the grasses for nutrients.

"The collars on greens were especially good. They were well grassed, and showed the effects of good mowing and watering technique.

## Tees

"The turf on most tees was good despite the smallness of the tees. On many of the short par 3 sunny tees it appears as though some thought should be given to the introduction of U-3 bermudagrass or the improved strains of Zoysia. These grasses will bear traffic better and will stand up under heavy play better than the present tee grasses.

"Only a small amount of planting stock is necessary to start a nursery which in the long-range program could be built up to sizable areas. A good turf nursery is good insurance—it is there to use as needed.

## Roughs

"A spray program using 2,4-D is recommended for the roughs to eliminate the broad leaf weeds such as Buckhorn and plantain. It is also recommended that the roughs be mowed more often to prevent some of the weeds from heading. Rotary mowers are coming more and more into the picture as they do an excellent job of rough mowing."

## Asks Other Experts' Advice

In preparing for the Aug. 4 Mid-Atlantic meeting at Woodmont CC, Rockville, Md., Bob Shields planned as a little side-

show operation of a horse-drawn mower to remind the supts. how far they'd come in course maintenance.

Shields and his chairman, Leo Freudberg, prepared a list of specific problems at Woodmont they wanted visiting superintendents to observe, study and discuss. The list, mimeographed, was handed out to Mid-Atlantic members as they teed off.

As an indication of the attitude that prevails at these inspection rounds, tours and meetings, the Mid-Atlantic July bulletin carried this note:

"Bob Shields has asked for a special Constructive Suggestion Report and for fear that some of you may overlook his troubles he lists some of them below and asks that you help him solve them." Then Bob listed clover in fairway, silver crab around greens, cause of trouble on No. 6 green every year, cause of ever-present dollar spot, and hard tees. He also wanted to know if the fellows thought Woodmont needed additional tees, traps and drinking fountains.

Leo Freudberg, Woodmont's chairman, asked that the superintendents make special efforts to have chairmen attend so they may learn what superintendents are doing for golf in the area.

Freudberg, Adm. Phillips, Stouffer, Essex, Fuchs, Dinsmore, and other chairmen whose courses have been visited by the constructively cooperating superintendents can tell chairmen anywhere in the U. S. that when they get help of the sort the Mid-Atlantic members give, the clubs are tremendously benefitted.