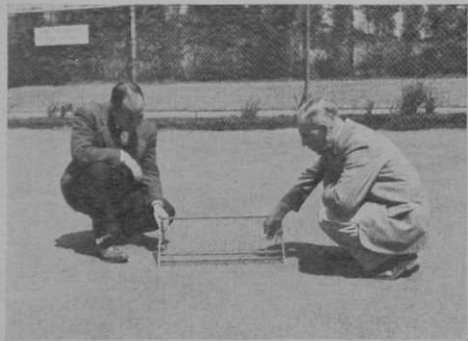


## Factors Affecting Turf Growth Measured By Point Quadrat

Variations in temperature, moisture, height of cut, soil condition cause some grasses to increase, others to decrease. The extent to which various factors influence survival of a grass can be measured by the point contact method. Information obtained as to which grasses can survive under specific conditions is valuable



able in determining the grasses to plant for economical maintenance.

M. Zaki Mahdi, graduate student at UCLA sent here by the Egyptian government, shows point quadrat to H. B. Musser, Agronomy professor from Penn State. The point quadrat apparatus is used to determine percentage population of grasses in a mixed turf. Method consists of recording all vegetation hit at random by a number of points. For charting a lawn 500 to 1000 points are used. By recording every leaf hit, the relative percentage of each grass can be ascertained. This method is especially useful in short, dense turf such as that found on lawns, golf courses and athletic fields.

## Southern Calif. Golfers Launch Big Junior Program

More than 60 public and private golf and country clubs in the Southern California area have joined together in the sponsorship of an ambitious program which will help better than 1000 youngsters in the organization of a Junior Golf Association. A governing board composed of three members each from the Southern California Golf Association, the Publinox Assn., the Southern Calif. section of the PGA, Harold Dawson, exec. sec'y. of the SCGA, and Dudley Shumway, Dir. of Recreation for the City of Los Angeles is the guiding force in launching the junior golf program.

The new Junior Association will serve as an auxiliary to each of the parent organizations and is open to any boy or girl who has not reached his or her 18th birthday. Membership dues are two dollars per year for which the youngster will get some

phase of tournament play or instruction every week of the summer vacation and on weekends during the school year.

Aside from organization and coordination of effort main purposes of the Junior Assn. are: to promote junior golf activities, to teach the rules and etiquette of golf, to secure instruction, practice and playing privileges for its members, and to establish handicaps.

## Southeastern and Florida Turf Groups Meet

Program of the annual Southeastern Turf Management Conference held at the Georgia Coastal Plain Exp. Station, Tifton, was built around the theme, "Better Turf" for the southeastern United States. More than 150 registered for the two day meeting. A total of 18 states were represented with Alabama, Georgia, Florida, North Carolina, South Carolina and Tennessee having the largest delegations.

The Florida Assn. of Greenkeepers meeting in convention at Tampa with State Florists, Nurserymen, and Fern Growers greeted announcement of the news an appropriation had been made for grass research in Florida, which includes a full-time expert to set up experimental plots on golf courses and lawns throughout the state. Joe Konwinski, Lake Worth GC, was named pres., Gene Tift, Bay Shore GC, vp., and Mike Realino, Whispering Hills CC, Sec'y-treas.

## COMING TURF EVENTS

- Aug. 7 — Turf Field Day. Rutgers Univ., New Brunswick, N.J.
- Aug. 22-23 — 20th Annual Greenkeepers' Field Days. University of Rhode Island, Kingston.
- Aug. 27-31 — American Society of Agronomy Annual Meetings, Pennsylvania State College, State College, Pa.
- Sept. 5-7 — Turf Field Days. The Pennsylvania State College and USGA Turf Advisory Committee, State College, Pa.
- Sept. 17-18 — Turf Field Days. Purdue University and Midwest Regional Turf Foundation. West Lafayette, Ind.
- Oct. 7-9 — National Turf Field Days. Beltsville Turf Gardens, Plant Industry Station, Beltsville, Md.
- Oct. 24-26 — Turf Conference. Central Plains Turf Foundation and Kansas State College, Manhattan, Kansas.