

trees, is excellent for restoring moisture to the deeper soil, and simplifies elimination of localized dry spots. Penetration to depths of several feet is simple, even in soil which is too hard and dry for forking. After soil moisture is restored, the area can be hollow-tine forked quickly, if necessary, preliminary to the introduction of better textured soil by topdressing.

Early morning watering was more than vindicated in some districts, where heavy downpouring rains occurred mostly in early morning. With night watering, grass received double doses, but with early morning watering irrigation was omitted on showery mornings. Likewise, hand-watering in July and August was vindicated on heavily contoured greens.

When serious trouble occurs in midsummer, the tendency is to try hypodermic measures. Rather than be stampeded into somebody's panacea, it is more sensible to do the few simple things which will assist recovery, and to formulate plans for longer-time improvement to be started later.

When grass thins out from excessive moisture, forking or deep spiking to speed water disappearance is helpful. A light application of hydrated lime is beneficial, also. It retards algae, and seems to speed recovery. When grass begins recovering the surface soil must be kept barely moist by frequent light hand waterings, otherwise new roots will die and then further recovery does not occur. After grass is well started, light feeding can begin again.

In formulating the long time program, the necessity for improved drainage comes first. This applies to surface as well as underground water.

Possible need for improved soil structure, better grass varieties as well as changes in water, fertilizer and disease control practices should be canvassed also.

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### USGA Announces Green Section Will Issue Monthly Turf Publication

**T**HE USGA Green Section resumes publication of a permanent periodical beginning with the January, 1939, issue. The new publication appears under the title, *Turf Culture*.

Those who followed the old Bulletin of the USGA Green Section, which was discontinued with the completion of the 1933 volume, will be surprised to find the

change in size and general appearance of the new publication. It is a pocket-size issue of the type of Readers Digest and several other popular magazines. The cover page includes a table of contents which should make the material more readily available for future reference.

The scope of *Turf Culture* is broader than that of the old Bulletin. It is pointed out that while some of the problems of maintaining turf on putting greens are limited to golf courses, the big majority of the problems encountered, especially in the fairways and rough, are common in the maintenance of turf for lawns, parks, sports fields, cemeteries, airports, etc. The material in the periodical although retaining the same interest and educational value to those in charge of golf course maintenance, should prove useful to those who are maintaining turf for many purposes.

In a general way the subject matter in each issue will be divided into three groups, the first and principal one of which will include original contributions. The second section will be devoted to a review of literature dealing with turf. Here the Green Section will endeavor to keep its readers informed on all recent developments that appear to have some bearing on the problem of maintaining turf. It will draw on both American and foreign publications. The third division will include a collection of questions and answers.

Wherever practical the major papers in any one number will be centered around one particular subject. The first number will be concerned primarily with weed control by means of chemicals. As in the old Bulletin, the new publications will contain no advertising.

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**Cooke to Head WGA**—Leslie L. Cooke, of Bob O'Link GC (Chicago distr.) is slated for the presidency of the Western Golf Association when that body meets Jan. 6 in Chicago for its annual meeting. Running mates are: T. C. Butz (Exmoor) and Jas. L. Girard (Indian Hill), vice-pres.; John G. Searle (Glen View) secy; W. T. Woodson (Flossmoor) treas.; Carleton Blunt (Glen View) general counsel; and E. B. Babcock (Los Angeles), Ben Ames (Okla. City), E. B. Roberts (Cantebury), J. Harvey Irwin (Eastlake), and T. P. Heffelfinger (Minikahda), directors.

While voting is limited to club delegates, all members of clubs belonging to the WGA are invited to attend the dinner and annual meeting.