

5. When phosphorous is excess in the soil, arsenic accumulations must be greater and may not be able to inhibit poa annua.

6. There is a definite species tolerance in bentgrass and Merion bluegrass beyond that of poa annua so the latter can be controlled selectively in turf if phosphorous is not excessive.

7. Extremely heavy applications of lead arsenate might produce toxicity.

This study is being continued. Its original purpose was to determine if arsenics or other chemicals would inhibit poa annua. Other chemicals are being further tested in experimental work. This report should not be construed as an endorsement of lead arsenate alone since any form of arsenic carrying materials, if applied without damage, could achieve similar results.

And a word of caution — it may take considerable time before poa annua weakening is observed.

Greenkeepers Club of N. E. Re-Elects Officers

MICHAEL J. O'GRADY of new Bedford (Mass.) CC was re-elected pres., Greenkeepers' Club of New England at the organization's annual meeting. Also re-elected were Sec. William A. Ash, Franklin (Mass.) CC; Treas. Samuel S. Mitchell, Ponkapoag GC, Canton, Mass.

Manuel Francis, Vesper CC; Albert Allen, Kernwood CC, and N. J. Sperandino, Concord CC, are vice presidents. Paul O'Leary, Warwick CC, was elected a trustee for a 3 year term. The association has 93 members.

The New Englanders presented Dr. Jess DeFrance of the University of Rhode Island an expression of their appreciation of his valuable work for them and their clubs.

California Superintendents Hold Joint Meet at Santa Maria

GEORGE Lanphear, pres., Southern California Golf Course Supts.' Assn., and W. F. Sousa, former pres. Northern California Golf Course Supts.' Assn. got their groups together recently for a session at Santa Maria CC. More than 70 supts. attended.

Interesting feature of the meeting was the outline of the GCSA plans for its annual conference to be held at Long Beach, Calif., next February. Agar Brown,

sec., GCSA, who does an excellent job in arranging the shows, presented the outline. Brown has been in California arranging 1956 GCSA annual meeting details with GCSA Pres. Wm. Beresford of Los Angeles CC, and attending to some GCSA information matters.

Henry Mitchell Heads N. Y.- Conn. Turf Improvement

HENRY Mitchell, supt., Old Oaks CC, Purchase, N. Y. has been elected president of the New York-Connecticut Turf Improvement Assn. for 1955.

Other officers: Samuel Camberato, Vernon Hills CC, Tuckahoe, N. Y., vp; John Edgar, Sunningdale CC, Scarsdale, N. Y., sec.; and Theodore Jozwick, Ryewood CC, Rye, N. Y., treas.

The executive committee consists of Robert Laird of Winged Foot CC, Charles Sawtelle of A. D. Peterson Co., Herbert Johnson of the New York City Dept. of Parks, and George Gullen of Wacabuc (N. Y.) CC.

Longheinrich Heads Supts. of Mississippi Valley

Fred Longheinrich, supt., Sunset CC, Sappington, Mo., was elected president of the Mississippi Valley Golf Superintendents' Assn. at the organization's annual meeting.

Vice pres. is Mac Parsons, supt., Algonquin GC, Webster Groves, Mo., and sec.-treas. is Ralph Guyer, supt., Westborough CC, Webster Groves, Mo.

The Executive committee consists of Ralph Sehrt, supt., Westwood CC; Walter Ragan, supt., Greenbriar Hills CC, and August Schnatzmeyer, supt., Bellerive CC.

Charles K. Hollowell Joins USGA Green Section

Charles K. Hollowell has been engaged as Mid-Atlantic director of the USGA Green Section. He will take care of Green Section member clubs in Del., D.C., Md., Pa., Va., and W. Va.

Hollowell, long active in turf research and advisory work in Pennsylvania and closely teamed with golf course superintendents for years in helping them successfully solve their maintenance problems, is nationally known as a golf turf authority.