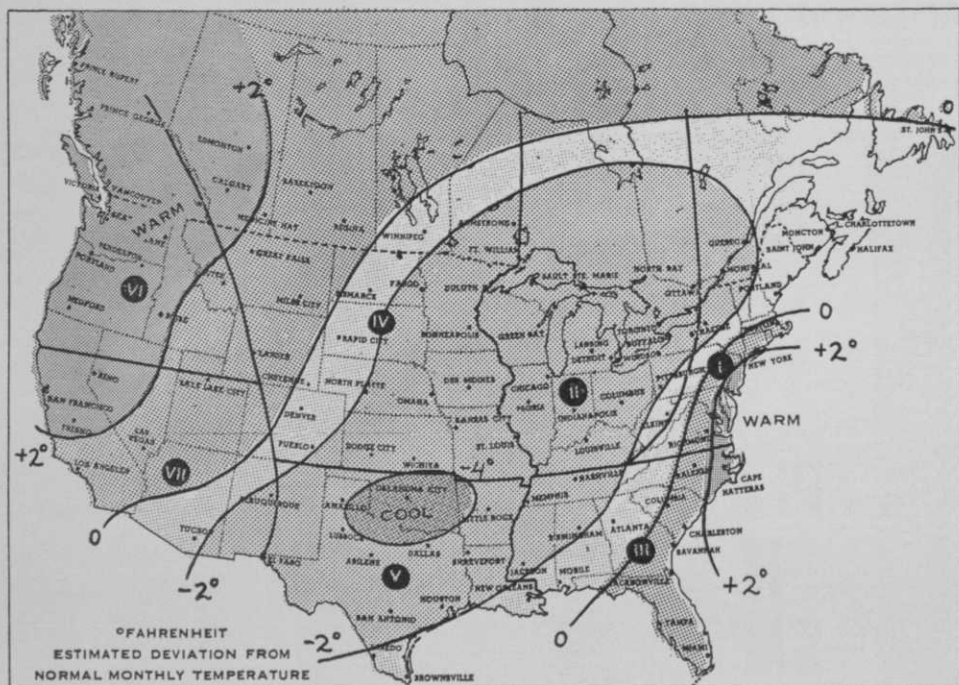


## Will Help Turfmen Head Off Disease, Other Complications



## *Weather Forecast Service for Superintendents*

"Everybody talks about the weather but nobody ever does anything about it." This well known saying, attributed to Mark Twain, is being refuted by one enterprising company to whose customers the weather is of more than normal concern.

Although Mallinckrodt Chemical Works of St. Louis, Missouri, hasn't quite managed to arrange the weather to conform to optimum golfing conditions as an extension of its customer services, it has done the next best thing. Starting in July, Mallinckrodt is furnishing a monthly weather forecast as an exclusive service to golf course supts. and turf managers throughout the country as well as the company's network of turf distributors.

The forecast gives far more detailed

weather information than that available from the U.S. Weather Bureau. The weather service, if purchased individually, would cost \$36.00 per year.

Mallinckrodt is undertaking distribution of this new weather report on the premise that superintendents and turf managers need all the information they can get to protect precious putting greens and fairways against the various diseases associated with changing weather conditions.

The weather information is supplied to Mallinckrodt by a private firm of meteorologists, specializing in long-range forecasting. The four-page weather bulletin is tastefully designed and titled "Mallinckrodt Weather News."

Although, as Stan Frederiksen, Mallin-

ckrodt's distribution products manager points out, the bulletin can not predict that on a certain day the high temperature in a particular city will be 80 degrees, with thunderstorms in the late afternoon, it can and does show by maps, graphs and key city forecasts, which areas will be cooler or warmer and wetter or drier than usual.

Color bars on charts for seven different regions show approximate timings and durations of precipitation (green bars), as well as periods of hotter (red bars) and cooler (blue bars) temperatures than normal for that season and location. With such information, supts. will be able to more intelligently plan their turf maintenance schedules to take advantage of or adjust to existing weather conditions.

For example, on page one of the July issue of "Mallinckrodt's Weather News," greenmasters are cautioned that July is a bad month for fungus troubles such as brownpatch, pythium, dollarspot, copper-spot and red thread. A complete disease prevention program built around KROMAD,<sup>®</sup> Mallinckrodt's broad-spectrum turf fungicide, is recommended as a safe bet for all-around protection of putting greens during the month. These helpful hints also include recommended treatments and dosage.

Pages two and three include precipitation and temperature maps of the whole country printed in four-colors, the bar charts and climatological data plus forecasts for thirteen key cities. The "Greens' Outlook For July 1964" on page four summarizes the weather by area and is also cued to the July forecast.

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### **Prepares Construction Guide**

H. B. Musser, former U. of Pennsylvania agronomy professor and now a consulting agronomist, has compiled a guide for preparing golf course construction specifications. It represents the best features of a number of leading architects' specs which Musser has had the opportunity of reviewing in recent years. It is organized in such a way that any item in a section of the guide can be dropped without affecting the overall specifications.

## **California Launches Two-Year Turf Training Program This Fall**

Jobs for young men are becoming more plentiful in turf management but applicants are scarce. So a group of men in Los Angeles hope to remedy the situation within a few years, according to Wayne C. Morgan, U. of California farm advisor (See *Golfdom's* June cover).

### **Superintendents Cooperate**

To train youngsters for turf positions, Morgan is working with educators, golf course officials and members of the turfgrass industry on management programs at the Junior and Senior high school and college levels. The aim is to interest young men in turfgrass as a career and provide opportunities for training them to take positions with golf courses, parks, highway departments, etc. Assisting Morgan in the undertaking are Lester O. Matthews, L.A. school official, and G. Allen Sherman, dean of agriculture at Mt. San Antonio College in Walnut.

Twelve Los Angeles area Junior and Senior high schools now are teaching turfgrass management at a primary level. The Southern Cal GCSA is cooperating with the educators by sponsoring a summer program in which boys are trained in golf course work. Last year, 11 boys took advantage of the GCSA on-the-job training plan.

This fall, Mt. San Antonio College will introduce the first college level turfgrass curriculum for prospective supts. west of the Mississippi. Students who complete the two-year teaching and training program are assured positions as assistant supts. at California courses. Herman Weskamp will teach the turfgrass courses.

Along with their academic and technical training, students will be assigned to play on the school athletic department's greens and fairways. This will cause wear typical on a course as a test for fertilization, mowing, irrigation and other management techniques.