

drought had become so severe and the heat so intense that a severe water shortage was experienced by the City of Woodward. The shortage was caused by a lack of pumping facilities and the slowness of delivery of pumps which were on order.

"A ban was placed on watering lawns and some felt that the water shortage was caused by the golf course. Of course this reasoning was groundless in that the amount of water consumed by the golf course was small in comparison to what was used by the rest of the city. During this period the greens were entirely without water for 48 hours.

"Tank wagons were used for a period of time in watering and the meager amount of water that could be used between midnight and 4 o'clock in the morning pulled the greens through. They can be thankful for the deep roots the grass had developed during establishment period. Sprinklers were completely useless and were detrimental because of inadequate pressure.

"Fertilizing and the use of fungicides had to be discontinued for a period of time as the shriveled seedlings were easily damaged from the lack of water. With occasional high humidity and adverse conditions for developing seedlings damping-off continued.

"I wish to make a statement here and stick out my neck and say this is one disease that is severely aggravated by drought or dry conditions after the turfgrass has been adequately watered. We have all seen fungi working in the desert. With the installation of the new city pumps the water supply was somewhat increased but even so the opening of the golf course had to be delayed from July to August 1. A great deal of credit should go to those who were in charge and worked in the development of the Woodward greens during the unprecedented period of adverse conditions.

"I had forgotten Klomparsen's letter until he came down to the Oklahoma turf conference and I mentioned the damping off and he called my attention to his letter.

"One of the main reasons we have developed our fertilizing system has been to jar the grass out of the damping-off stage. At Woodward this became very important; when water had to be restricted there was loss of seedling from damping off.

"We are not advocating spring seeding or planting of bent grass in the southwest but there are times, due to circumstances,

that it has its advantages and becomes nearly a necessity when a whole year can be gained by this procedure.

"All of the Woodward greens have at least 12 in. of prepared topsoil which was mixed off of the green before placing and during this operation fertilizer was incorporated. A fibrous peat was used for organic matter and the amount was 15% by volume.

"After the Oklahoma Turfgrass Conference the following out of state guests made a trip to Woodward with Nick Knott and myself: Fred V. Grau, Jim H. Watson, Jr., Marvin Elstad, John Darrah and Scott McLaren. Nick made the following notes on the comments and remarks they made: That it was amazing to see turfgrass on greens in such a short time, to be exact 5 months from the time that construction was started until they were opened and 8 months to the time of their visit. 'What made this even more remarkable was the fact of the water shortage experienced in Woodward; also the drastic drought that is being experienced by the whole state. In Woodward's case the normal rainfall per year is 25 in. and drops off rapidly from there westward.'

"The smoothness of the greens was also commented on and their overall structure, beauty, utility, reality in shape of the mounds and the greens themselves as drainage had been given first consideration throughout construction."

New Name Is New England Golf Course Supts.' Assn.

The Greenkeepers' Club of New England, in its 30th year and the oldest organization of its kind in the U. S., recently voted to change its name to The New England Golf Course Superintendents' Assn.

The decision was unanimous.

New England newspapers gave much space to the change. The Boston Daily Globe made the change a page one story.

ENGLISH RETURNS TO USGA

John English has returned to the USGA as asst. to Joe Dey, the association's executive sec., a position English occupied prior to his recent service with the International Golf Assn. established by John Jay Hopkins.