

received from that city recently. Work on the first eighteen will begin sometime this fall with space provided for an additional nine holes to be constructed in the future. This will give Dallas nine private courses and six "pay as you play" courses.

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Fort Stockton, in west Texas steps out with a new nine-hole links with greens of cottonseed hulls to replace the old sand greens. Because of the mercury climbing up to around 110 degrees in the summer at this town a few holes of golf on the oiled sand greens gives one's feet the boiled in oil feeling especially if the shoe soles happen to be of crepe rubber.

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## Oklahoma

**T**HE Cyrus S. Avery commercial golf course north-east of Tulsa will be the first course in Oklahoma to boast of a successful fairway irrigation system if plans of its owners are carried out. Water lines will be laid immediately and it will be completed and ready for use sometime in September. Fairways were cleared of all trees and stumps sometime ago, and were sodded to Bermuda grass which will give golfers the best fairway turf available for their shots.

This course will be up to date in every respect, large tees will be the vogue providing plenty of tee-off space for the heavy week-end play and the greens are to be of the latest design and planted to cocoos bent grass. Mr. Avery expects to have this course ready for play sometime in November. The greenkeeper for this course has not been selected.

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Greenkeepers in Oklahoma have had a siege of brown patch during the last six weeks that has apparently broken all records since the advent of bent grass and indications are that it will continue to give even the veteran greenkeepers a stiff battle until cooler weather arrives. A recent survey shows all the bent grass greens in the state affected more or less seriously with this disease, however it has been checked by the use of Nu-Green Barbak, 211 and other brown patch controls.

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Bermuda grass has embedded itself in some of the state's finest bent grass greens and has given the greenkeepers no small amount of worry especially at Oklahoma City where two greenkeepers there have announced their intention of letting the Bermuda spread where it will, forming combination greens. They ex-

plain that a large percent of the bent is killed by brown patch and they would just as soon revert to the Bermuda grass greens anyway as the bent grass is too delicate for the Oklahoma climate.

A couple of years ago when creeping bent was introduced into the State of Oklahoma the Bermuda was stripped from the greens to make way for the new grass, but a few roots were not uncovered and those roots are now causing all the trouble.

Combination greens are not as popular as some club officials might think. They usually become rough and do not give the sleek velvety appearance that bent grass alone does. It is absolutely necessary to give the Bermuda grass a heavy coat of cotton hulls or straw at the beginning of winter to keep it from freezing out. And this would lead to the temporary greens of sand which are not pleasing to those members that are accustomed to good bent greens.

\* \* \*

Grover Zweifel of Indian Hills, Tulsa, Oklahoma, is experimenting with a new fertilizer to take the place of the common soil topdressing. He has mixed equal parts of pulverized poultry manure and peat moss and has fertilized No. 5 green at his course with this mixture. If the desired results are obtained it will eliminate the necessity of having to topdress with dirt in the hot summer months. Bent grass is almost dormant during this period and a heavy coat of soil topdressing sometimes smothers the grass causing yellow spots.

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## Missouri

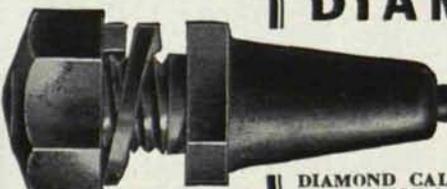
**I**F THERE were any bets made during these days of depression (and brown patch) it would be a safe bet that W. M. Herod of the Oak Hills Country Club, at Joplin, keeps a golf course in better condition with less labor than any other club in the country at the present time. Mr. Herod has only one helper to assist him and they mow greens and tees with a hand mower, mow the roughs and fairways, water the greens at night with a hand sprayer and numerous other jobs such as topdressing greens, cleaning tee boxes, taking care of shrubbery around the club house, and doing all the mechanical work.

And he is also responsible for the water supply which requires constant attention. Right now he is having plenty of trouble with chickweed and crab grass which threatens to choke out the bent greens and he is engaged in the tedious task of weeding the greens himself.

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The Reding's Mill course at Reding's Mill park south of Joplin have been very successful in keeping their greens free of brown patch during the last few weeks and regardless of the fact that there are some ugly patches on several of the greens they are in much better condition than most of the grass greens over the country.

The apparent reason for this is that there has been very little play over the nine-hole links recently, consequently



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