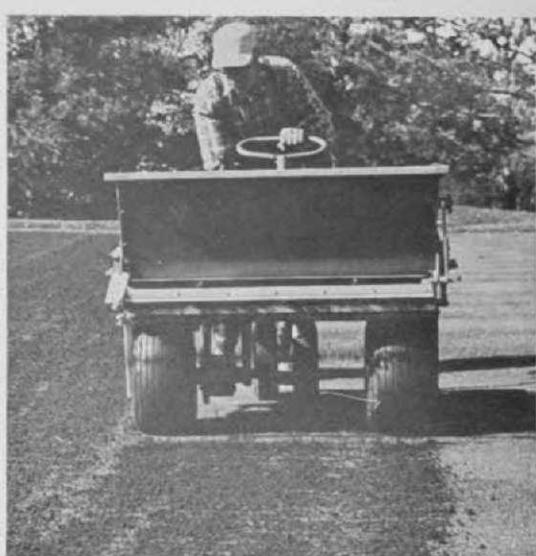




Select the spreading thickness you want—even with high moisture content top dressings.



Spreading is uniform over full width of the spreader—so non-marking wheels do not run on fresh top dressing.

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The power top-dressing machine that has the features you asked for!

- Spreads a full 39" width, travels under power over 200 ft. per minute.
- New concept of 5-way agitation gives full-width, uniformly thick spreading even with high-moisture content materials.
- 7 cu. ft. heavy gauge all metal hopper—you spend more time spreading, less time filling.
- Oversize balloon-type tires will not mark surface of finest greens even when the 450 lb. unit is fully loaded.
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- Expertly engineered and ruggedly built to give the dependable service Ryan products are famous for.



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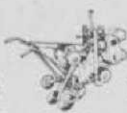
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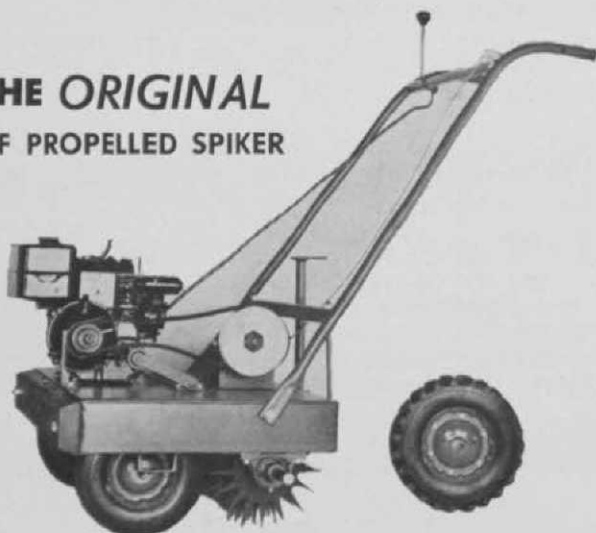
many lengths . . . Robert Trent Jones, the architect, handled the compilation in 1956.

Keep your eye on Edwin Luxon, 17, winner of the recent Madison CC Invitational (for Juniors) in Richmond, Ky. . . . He may follow in the spike marks of Gay Brewer, Jr., and Bobby Nichols, the circuit stars who previously won this 20-year old tournament . . . Ed is also the Madison club champion and has shot the 6,000 yard course in as low as 65 . . . A total of 32 touring pros making up 16 teams will compete for \$150,000 in prize money in the CBS "Match Play Classic" which will be televised beginning Dec. 28 . . . Western Golf Assn. gave Ted Woehrle, supt. of Beverly CC, Chicago, a TV set in appreciation of the fine work he did in getting his course in shape for the Western Open.

Golf writers, who play the kind of a game that defies Friday, the 13th, were guests of Massacre Canyon Inn CC, Gilman Hot Springs, Calif., on that date in Sept. for a tournament . . . It was opening day for the 27-hole course . . . Art Kay of Bakersfield had low net of 66 and Pete Kokon of Valley had low gross, a 77 . . . Those don't sound like writers' scores . . . With the opening of the Moor-

THE ORIGINAL

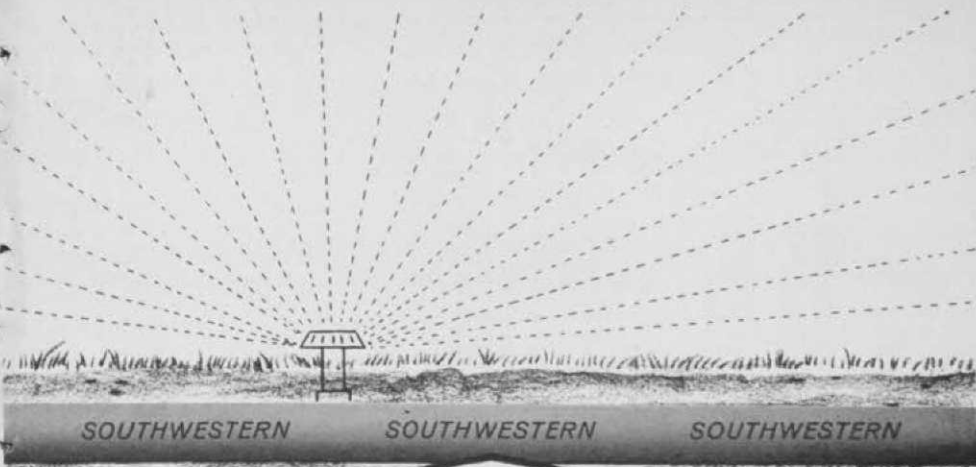
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By comparison with most other piping materials for permanent sprinkler systems, SOUTHWESTERN Plastic Pipe is measurably less expensive. This economy is made even greater by the drastically reduced cost of installation.

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Water losses are minimized when you install SOUTHWESTERN Plastic underground sprinkler pipe. Power requirements are generally lessened, due to lower friction loss.

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Resistance to most chemical and soil elements protect SOUTHWESTERN Plastic Pipe against the damaging attacks of corrosive elements that sometimes rust and destroy other piping materials. Shifting soil has little effect on semi-rigid or flexible plastic pipe.

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USE A PUTTER
IN A
SAND
TRAP.**



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MINERVA, OHIO**

ings GC in Sept., Naples, Fla. claims to be the golfingest town in the country . . . It has a 6,000 population, five courses — somewhat better than the national average of one course for every 23,000 . . . The new Moorings is a 4,226-yard "executive" course . . .

Sports columnist, Red Smith, writing on what he said "the promoters would love everybody to believe" was the world championship of golf, got professionals and writers wondering if PGA officials aren't being mistreated by promoters who use golf for making a big fast buck . . . It doesn't look good when the PGA is officially identified with a TV program billed by promoters as the "World Series of Golf" and the USGA, R & A and Masters endorsement can't be bought . . . There was a good laugh to the deal, though . . . Johnny Pott, playing the Firestone course in the American Golf Classic before the "World Series," beat the four fellows in the TV show with a winning score of 276 . . . Jack Nicklaus took 70-70-140 in the TV show against Pott's first two rounds of 67-68-135 in the classic . . . Making the \$50,000 TV golf commercial the trail-

(Continued on page 118)



BUSY MEN RELY ON SOUND ADVICE

Among other things Greens Committee members establish operating budgets and authorize expenditures. You don't really like to spend money unless substantial savings are to be realized. Take equipment; should you buy new and save, or continue using old? Perhaps

your course superintendent has a point when he petitions for new equipment. Perhaps you'd like him to investigate these matters further. May we place ourselves at your, or his disposal, since we are specialists in golf course maintenance equipment. Call any time.

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The new high-pressure system with 4" mains provides a tremendous increase in water volume. Even with all sprinklers operating, pressure of 100 lbs. per sq. in. is available for other purposes. And because the pipe will not tuberculate inside, sprinklers will no longer get clogged up with scale. • Get full information on this modern pipe that goes in fast—goes in for keeps. Write to **CERTAIN-TEED PRODUCTS CORPORATION, PIPE DIVISION, AMBLER, PA.** PLANTS AND OFFICES THROUGHOUT THE UNITED STATES



"K&M" THREADED BRASS INSERT COUPLING

No time-consuming on-the-job tapping operation! Heavy duty threaded brass inserts in Certain-teed's patented Fluid-Tite Couplings assure fast, water-tight connection to individual sprinklers.



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Now, for turf maintenance *and new construction*, a new Royer Shredder, the SUPERINTENDENT, tops them all—in economy, performance and versatility! Even tops the Royer you're now using. Here's how. Besides giving you the same dependable features that are in every Royer Shredder, the SUPERINTENDENT adds—

- a large hopper for loading with small tractor buckets
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"LEADERS IN THE SCIENCE OF SOIL CONDITIONING"

Builders Overlook Equipment Needs In Starting New Courses

*Letting a construction contract doesn't take care of all the costs . . .
The purchase of machinery and supplies, for example, is a
\$20,000 or \$30,000 expense that's often overlooked*

By **HERB GRAFFIS**

The most common mistake being made in new golf course construction is failure to earmark money for equipment, supplies and materials required to operate the finished course.

GOLFDOM, on several occasions, has emphasized this lack of adequate budgeting for courses being built with government financial help. There already has been some improvement in the picture since the matter has been brought to the attention of persons approving the loans as well as borrowing the money. Already, federal agencies are recommending that \$20,000 be budgeted for equipment and supplies for a new 18-hole course. That figure is a practical minimum.

The equipment budget on a first class, new 18-hole course usually runs from \$30,000 up.

Unexpected construction expenses, wash-outs, erosions, etc. resulting from adverse weather, cleaning up, repairs and revisions (usually of bunkering), drainage sys-

tem correction and extension, corrections of deficiencies in seedbed preparation and weed elimination are among the "unexpected expenses to be expected" before a new course reaches desired condition.

The unforeseen expenses, coming about the time many new course projects are running out of money, account for the shortage of equipment that is required to operate properly and thriftily. Any maintenance or finishing job, delayed because of inability to have equipment available at the right time, is going to be unduly costly when it is finally completed. Before it is done, players will be dissatisfied and membership sales campaigns slowed.

Same Mistakes Repeated

C. O. Borgmeier of George A. Davis, Inc., Chicago, a veteran of the course equipment and supply business, says: "Many mistakes that were made in the '20s are being repeated. They stem from inadequate financing and too much reliance on the continuation of boom conditions.

"Very often promoters of new courses

start with little or no knowledge of costs." Borgmeier observes. "They let a contract to a construction firm and think that takes care of everything. But equipping the course and bringing it into play calls for considerable additional expense before any revenue comes in.

"An experienced golf businessman understands what must be done and paid for. One man we know spent \$300,000 for an 18 he had built not long ago. He planned for an additional cost of \$100,000 to complete the course so it was ready for play. This contingency budget was earmarked for much reseeding and sodding, intensive maintenance for four months, finishing traps and all necessary maintenance equipment."

Owners Need Advice

Overlooking the budgeting of equipment for a new course is comparable to the case of the golfer who doesn't count his strokes — the fellow really cheats himself," Ray McMicken of B. Hayman Co., Inc. Los Angeles, observes.

McMicken continues: "The equipment deficiency problem often is as critical with inexperienced course promoters who have money as it is with new builders who aren't adequately financed. Good judgment, as well as money, is essential. The architect who satisfies his client makes good use of the equipment dealer's specialized advice which is based on knowledge of local conditions.

"When we have been able to discuss the maintenance equipment picture with course promoters and have had the supt. in on the consultation, danger of inadequate machinery and supplies have been minimized. Enough such cases can be cited to constitute a warning.

"The architect is a loser if he fails to urge sufficient equipment for correct maintenance of the job," McMicken adds. "The people who are paying for the course expect him to think ahead and know the answers. In one instance where money was no object, people who never had been involved in the building of a course received from their architect a maintenance equipment and supply budget of \$20,000. This would have been fine for an ordinary course, but this particular job was exceptional in its requirements as well as the owners' demands. The developers eventually found it necessary to spend about \$45,000 for what was needed to maintain the course. They didn't mind the money but they were unhappy about having to

wait for delivery of additional equipment."

Equipment dealers queried by GOLF-DOM say that an architect's service to new course owners should include ample information on maintenance equipment requirements. If the architect does not provide this guidance, he probably will be criticized by officials of a new course and its supt., notwithstanding the excellence of course design.

The importance of adequate equipment being recommended by the architect also is noted by Jack Krigger of J. B. Krigger & Co. "In many instances," he says, "we have found that clubs forget all about budgeting equipment. They will pay an architect and builder between \$275,000 and \$500,000 to construct an 18-hole course and then, as an afterthought, allow about \$2,500 for equipment. "That meager equipment allowance definitely hurts the club. It also hurts the architect who would like to see his work maintained in a way that does credit to him. It certainly hurts the equipment dealer."

Shortage is Common

In every part of the country dealers have noted that the shortage of maintenance equipment for new courses is the usual thing. Robert S. Rushmore of Malvese Mowers and Equipment, Inc., Long Island, N.Y., C. E. Griener of Indianapolis, Reg Perry of Turfaid, Inc., Memphis, Ross Sawtelle of Sawtelle Brothers, Danvers, Mass., B. G. Reemelin of Zaun Equipment Co., Jacksonville, Fla., W. E. Robison II, of Robison's in Kansas City, and Jerry Nash of Jacobsen Power Lawn Mower, Columbus, O., say that in the areas they serve, new clubs generally overlook budgeting for what is necessary to get their courses operating.

Ross Sawtelle says that few construction or green committees of new clubs have any idea of the equipment required to start a 9- or 18-hole course. He adds it would be very much to the advantage of all architects to be realistic about the equipment list. But not all of them are. B. E. Reemelin declares that courses often don't budget enough for equipment and sprinkler systems and by the time the course is graded and planted, there is a shortage of money. Real estate developers, who put in golf courses, are especially unlucky, unwise or ill-advised in not being informed about what it will cost to get

(Continued on page 114)

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Golfers see the Desk Caddy . . . and think how they can use it at the office, on the dresser, or on the coffee table. They see what to give some people for Christmas. Its handsome black cover, tastefully embossed in gold, looks and wears like finest top-grain leather. The smooth, rich looking inner lining is durable. It's an ideal place to keep cigarettes, cigars, jewelry, pens, pencils, etc. Best of all, the Super Maxflis in it make a dozen Christmas compliments to anybody's game.

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INTERSECTIONAL MATCH

Long a fixture in the East, this type of tourney moved west this summer when Kansas and Missouri met . . . Here's how the event was built up

By JIM FOGERTEY

Professional, Sunset CC, St. Louis



Here are views of action on the green and practice tee at the Missouri-Kansas debate. (Above) Two interested spectators at the match were old pros, Fred Clarkson and Jim Cockburn.

Last November, at the PGA annual meeting, Ron Fogler of Manhattan (Kans.) CC, president of the Midwest section, and myself, as president of the eastern Missouri section, initiated the idea of an intersectional team match.

We felt that an event of this type, involving the top professional and amateur players from the two areas, was needed to further the good relations and competitive spirit between golfers in the two neighboring PGA sections. In addition, the tournament would provide the amateurs and professionals an opportunity to gain competitive experience in preparation for future championships.

Early this year we began laying the groundwork for the match. It was decided to hold the initial event in St. Louis at Sunset CC, where I am pro. We were lucky enough to obtain the co-sponsorship of the Falstaff Brewing Corp. of St. Louis, which agreed to provide a traveling trophy to the winning team and to play host to a cocktail party and dinner that followed the event. The company also agreed to present each man who competed in the event a beer mug as a tournament memento.

It was decided that each Section would qualify 12 Class A PGA professionals,