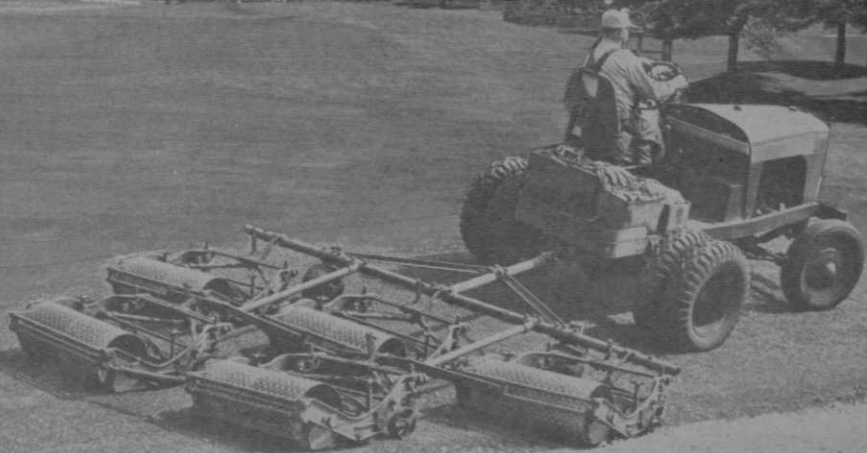


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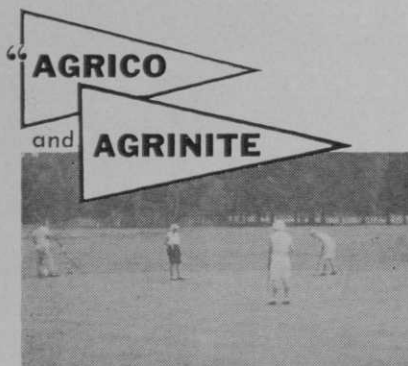
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EVANSTON, ILLINOIS, U. S. A.



have lasting growth power"



says Richard W. Jordan,
Supt., White Beeches
Country Club,
Haworth, N. J.

It was a bleak Winter day when we visited White Beeches Country Club, and considering the season, the condition of fairways and greens was really impressive. Knowing that White Beeches had only recently begun to water fairways, we asked Superintendent Richard W. Jordan how this affected his feeding program. He replied:

"Now that we have watered fairways, it is more important than ever to use fertilizer that has a long lasting effect.

"You can't beat AGRI-CO for TURF and AGRINITE for the long, dependable pull. In addition to producing a colorful, dense turf, AGRI-CO and AGRINITE have lasting growth power."

We think Mr. Jordan has put his finger on a mighty important point — long-lasting effect is what golf course men want most of all from a fertilizer. And AGRI-CO used with AGRINITE for follow-through gives them just that!

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(N.J.) News got Prof. James L. Potter, chmn., electrical engineering at Rutgers, Don Molony and Fred Skove of the university and technicians of Kay Electric Co., Pine Brook, N.J., to make a golf swing timing device which timed swings of New Jersey pros and amateurs at impact . . . Fastest swing was 110 mile per hour swing of amateur Frank Moriarty . . . Fastest swing of the testing pros was 102 mph swing of Jim Warga of Forsgate, New Jersey PGA pres.

Mrs. Philip Cudone, former New Jersey and Metropolitan women's champion, had a top reading of 85 mph . . . Other women's swings were down to 49 mph . . . Some "average" amateurs were between 79 and 89 mph . . . Stroboscopic pictures show speed of swing alone doesn't determine length of drive . . . Ball must be hit exactly at "sweet spot" of clubface.

Sam Byrd opening first 9 of eventual 18 par 3 course at his "Golf Center" at Birmingham, Ala. . . . Byrd has 30-tee range and miniature course, both lighted.

Northeastern NY PGA staged another very well attended spring golf exhibit and dinner at Sheraton Ten-Eyck hotel, Albany, April 27 . . . District's pros gave free lessons from 11 a.m. to 6 p.m. at the

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exhibits . . . Chick Harbert, 1954 PGA champion, was headliner at the banquet.

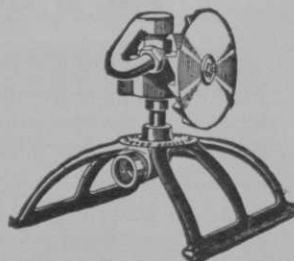
Stan Mack now pro at Highland Park GC, Auburn, N.Y., succeeding Bill Entwistle, jr. . . . Golf began at Palm Springs, Calif., in 1927 when P. T. Stevens built an 18-hole course in northeast section of the town . . . That was replaced by residences and in 1934 the O'Donnell GC was opened at its present location . . . By this fall the area will have ten courses operating.

The Ryder Cup matches will be played at Eldorado in the Palm Springs area next fall . . . Bob Hudson, who picked up the tab for the British team when Ryder Cup matches were held four years ago at Thunderbird, again will pay the visiting teams' expenses from the time they land in the U.S. . . . Two veterans will be newcomers to Palm Springs winter jobs next season when Claude Harmon goes to Thunderbird from which Jimmy Hines resigned because of demands of his investments in desert real estate, and Jimmy Demaret, who will be at the new La Quinta course.

Al Zimmerman resigns as pro at Paradise Valley CC, Phoenix, Ariz., and is suc-

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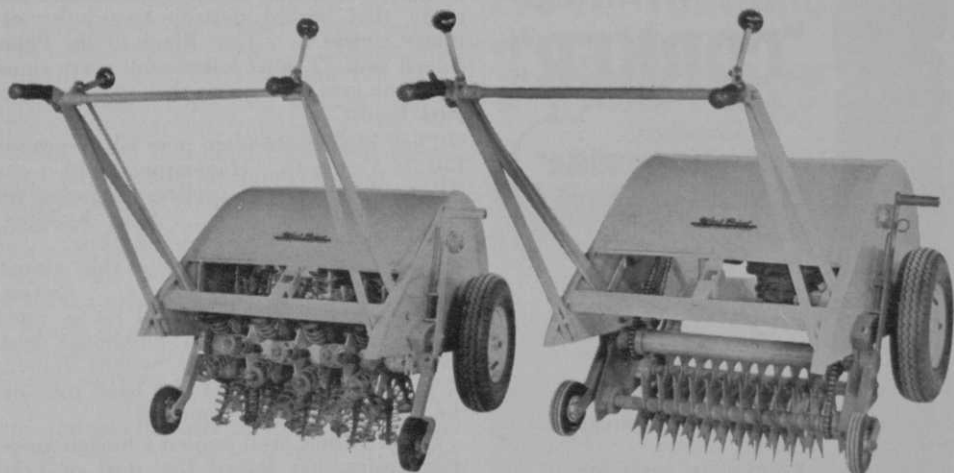
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West Point's JR Model Aerifier* Becomes a 5-in-1 Turfgrass Tool

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Now, through the resourcefulness of West Point engineering, Golf Course Superintendents can use the JR in these five different ways:

1 JR Model with Standard Aerifier cultivates 20" widths using 32 Aerifier Spoons. JR has power on the reel and on the wheels.

2 JR with SUPER REEL attachment (left, above) has 56 Spoons for intensive cultivation in one operation. Accurate depth adjustment.

3 JR with Aeri-Spike attachment (right, above) becomes power spiker with 92 steel blades and 184 spiking points. Depth is adjustable!

4 JR with Roller attachment becomes a compact, inexpensive roller. Roller holds 110 lbs. of water. Total weight of JR when filled: 427 lbs.

5 JR with Aeri-Punch attachment is for those who prefer to punch holes when treating compacted areas. Transports at high speed!

For further information about this modern turfgrass tool see your West Point Products distributor . . . or write West Point, Box 100, West Point, Penna.



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SOLO, OHIO

ceeded by his asst., Kennie Keir . . . Great Falls, Mont. Park Board unanimously rejected plan to run truck by-pass road on route that would destroy two holes of munny course . . . Tom Black of the Park Board said, "I don't know why every time someone gets a new idea they want to take park lands."

Dick Mullen starts on new job as pro at Beaver Creek CC, Hagerstown, Md. . . . Point Pleasant, Va., golfers organize to build 9 hole course . . . Start building Moon Valley CC in Phoenix, Ariz. . . . Expect to have course in play this winter . . . Dick Wilson is architect . . . Course is on 620 acre site and will be in residential area, along with clubhouse and hotel . . . Bob Goldwater, widely known in golf circles, is one of the head men of the Moon Valley development.

Greta Leone, well known Chicago amateur golfer, has joined the staff of Lou Strong, pro at Tam o' Shanter CC, Niles, Ill. . . . She'll teach both men and women . . . Tom Burns, with Strong as a teaching assistant two years ago, also is back after a stint in the Army . . . If nobody has brought you up to date on Art Wall's amazing streak, here are some of the facts: In the first 12 tournaments he played in

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this year, he won three and finished second on four occasions . . . Besides this he won a pro-am event at Eldorado . . . Other Wall finishes: 7th (once); 11th (once); 13th (twice); 21st (once) . . . That's how a fellow earns \$35,000 in about 100 days.

Neil Crose in his 25th year as pro at Mill Creek Park CC, Youngstown, O. . . . Walter Leix, Shannopin CC (Pittsburgh dist.) tells Pittsburgh Sun-Telegraph writer, Ray Gienzl: "Heavier play means many clubs are going to have to revamp their courses. They're playing in 1959 on 1924 courses that have tees and greens too small to handle today's traffic."

Ernest Penfold, pro at Colonial G&CC, New Orleans, guest of honor at members' dinner marking his 20th year with the club . . . Ernest is a son of the man who was pro-greenkeeper at the Leatherhead (Eng.) GC . . . After serving in World War I as an infantryman for nearly four years, he entered pro golf in England . . . In 1920 he went to Winnipeg GC to help

(Continued on page 92)

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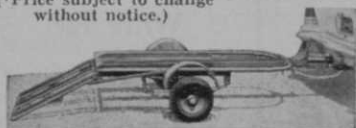
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THE BUSINESS JOURNAL OF GOLF

MAY • 1959



Noer photos

Here is a familiar Northern scene this spring. Bent on green is damaged and there is poa annua on the apron. Strip is bluegrass, sodded in fall of 1958. Green had calcium arsenate treatment last fall.

Winterkill Plays Havoc With Greens in Northern Part of Country

**But Milwaukee Agronomist Recommends Waiting
for Favorable Weather to Restore Them**

By O. J. NOER

BENT GRASS greens fared badly during the past winter in the northern part of the Midwest and in other sections north of a line from New York through Chicago.

Snowmold damage was negligible on fungicide treated greens.

In Minnesota the fall of 1958 was extremely dry and there was no snow until late spring. Shrinkage cracks, an inch or more in width, developed in the greens. By spring greens were an overall brown color due to desiccation caused by drying winds. Water was hauled in tanks to restore soil moisture and to start soil swelling to close the cracks. Heavy watering for the same purpose started as soon as it was safe to use the water system.

Recovery May Be Slow

When moisture and temperatures become favorable for growth, recovery should occur. But the process may be a slow one. There is no reason to become excited. Patience is the better approach.

Recovery of the established grass is apt to be as quick and more satisfactory than renovation and re-seeding. Member impatience at seeming neglect to speed recovery by re-seeding can be forestalled by

an appropriate explanation posted on the bulletin board in the clubhouse or pro shop.

In other parts of the Midwest, greens looked good in late February and early March. Damage occurred after that. It followed snow and sleet in late March, and above normal temperatures accompanied by heavy warm rains during the first week in April that created widespread flooding. The weather turned cold abruptly and temperatures continued below normal through mid-April. As a result, conditions have been unfavorable for plant and grass growth.

Where Damage Is Concentrated

Damage to grass has been most pronounced on poorly drained greens, and is worst in low-lying pocketed areas that hold ponded water and along trough-like drainage ways. Both have stayed overly wet long after other parts of the green have become dry. Overwetness seems to have been the aggravating cause of damage.

At one course in Milwaukee damage was definitely less on the first greens from which snow and ice were removed.



There was slight damage to this green in ponded spots. The snow and ice was removed in April, saving this club some grief.



Here's a source of headaches. Milwaukee River flooded following heavy snow in March and heavy rain the first week in April.

One supt. in Iowa watered greens immediately after the snow stopped falling to melt snow and ice quickly. Damage was negligible. The greens have reasonably good surface drainage.

A piece of turf was removed from one of the worst looking spots on a green at one of the Milwaukee County courses. It was placed in a greenhouse. Bottom heat brought the soil to a favorable growth temperature. Recovery has been surprisingly good. This would indicate that renovation and re-seeding may not be necessary in most instances. It would be well to wait until weather becomes favorable for growth before doing anything drastic.

Treat as Newly Planted

If and when new growth starts, greens should be treated like a newly seeded or stolon planted green. Surfaces should be kept moist, but not wet, by light syringing several times daily during rainless weather until new growth becomes well rooted. Fertilizer should be applied at moderate rates when weather becomes favorable for growth.

In Milwaukee the two worst greens on one course were treated liberally with calcium arsenate in the fall of 1958. There was damage on other greens, but to a lesser extent, so it would be unfair to condemn the calcium arsenate. At another course calcium arsenate was used on one part of the green, and lead arsenate on another part with an untreated strip between the two. Damage was slightly more on the calcium arsenate plot than on the rest of the green. There was no discernible difference between the lead arsenate treated area and the check plot alongside it.

Many of the poa annua infested greens

look especially bad. Recovery may seem hopeless. Coverage with grass will take place rapidly when weather conditions become favorable for germination of the poa annua seed in the soil. Patience and confidence will be rewarded to those who are willing to live with poa annua.

Re-seeding of the poa annua greens with bent seed may be justified, even though poa annua seedling may overpower most of the bent. A few bent grass seedlings may become established and eventually persist in quantity with a program of light rate seeding each year. Heavy spiking with a spike disc, or use of the Aerothatch or Ren-o-thin before seeding should help establishment of the bent seed.

Penncross seed is scarce, so Seaside is the only creeping bent type seed available until new crop seed of Penncross becomes available in the fall.

Grass on the collars of many greens has fared badly. Damaged poa annua is understandable. It will come back from seed when weather improves.

Some of the bent turf has taken a beating even on well drained collars. As a rule, the damaged bent turf has been heavily thatched and shallow rooted. Recovery may be slow, but will occur from surviving nodes.

Very little bent damage occurred on collars which are aerified each spring and surplus grass removed at the time grass starts permanent growth.

Copies of "Hurry Up, You're Spoiling the Game," which was published in April GOLFING can be obtained at five cents per copy in orders of 100 or more. Send your order to GOLFDOM, 407 S. Dearborn st., Chicago 5.