

It's a lapping machine... It's a utility drill...

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Now, get two, or three, valuable machines in one. The Simplex 175 is the easiest, most economical way to keep reel mowers in top cutting condition during the busy mowing season. It's also a big $\frac{1}{2}$ " portable drill for use anywhere. (Add the drill-press stand and you have a precision drill-press for your shop). The Simplex 175 has another feature you've always wanted — variable speed control for lapping-in big gang mowers or small greensmowers at the best speed for each, not too fast or too slow. Send for full information. Order now for early delivery.

THE FATE-ROOT-HEATH COMPANY

Special Products Division • Dept. G-1 • Plymouth, Ohio

Understanding Is More Than Scientific Skill

By **BOB PELUSI**
Supt., Scottsdale (Ariz.) CC

Too many of today's supts. concern themselves solely with such headaches as weather, manpower, money limitations and player interference. These considerations are very important, yet most of us have been coping with them for the last 30 years.

Of late, we have been aided by radically improved chemicals, increased budgets and other new and effective aids. We combat the intrusion of disease into our turf with new fungicides and insecticides, using modern equipment in applying them. New fertilizers and tools appear every year, introduced and demonstrated by sales engineers of competent manufacturers. Without these men and their knowledge, our headaches would increase tremendously.

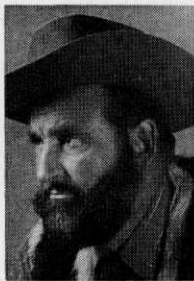
Another recent development is the swelling of ranks of supts. by young college men serving as "on-the-job-trainees." These future turfmasters are well versed in the technical aspects of their profession and most eventually become capable supts. Yet there is something missing.

Although the knowledge of agronomy, silviculture, plant pathology and hydraulics is essential to course construction and maintenance, we require an overall understanding of the esthetic, sporting and financial sides of golf before we can do a complete job.

Not Just Turf, Tee, Traps

Today's golf course, with its spacious clubhouse, grounds and recreation areas, is no longer merely made up of turf, tees and traps. It is designed by professionals from many fields to be a thing of beauty as well as a challenge to golfers. Ornamental trees and shrubs are selected for their appealing appearance as well as their ease of maintenance. Requirements for turf include playability and attractiveness

** This photo tells why Bob Pelusi considers himself the most western of Western supts.*



Bob Pelusi*

in addition to adaptability to soil, weather and drainage conditions. Recreational and horticultural areas are multihued symphonies of color, trimmed and pruned for neatness and vigor, yet displaying the dignity of nature.

Demands Are Numerous

Today's supt. not only faces weather, disease, personnel, hydraulic, budget and equipment problems but is confronted by the demands of public relations, keeping course records, preparing for tournaments, front office correspondence and player recommendations and complaints.

Present turf growing methods and procedures are a far cry from those we knew some years ago. The future promises even more radical innovations. We supts. who have mastered the techniques and prin-

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TO VISIT US IN
LUCKY BOOTH 13
at the Turf-Grass Show**



SN64-1A

ciples of agronomy, plant pathology and other sciences realize that these technical building blocks must be cemented with practical experience to withstand the demands put upon them. Give us the youth of today, trained in the sciences, and we will try to instill the necessary experience.

Big Year for Mickey

The \$31,269 that Mickey Wright won on the Ladies PGA tour in 1963 was nearly \$5,000 more than Betsy Rawls collected in 1959 when she set the old money winning record. Mickey won 13 tournaments last year, bringing her professional total to 52. The old record for one season was 10, shared by Miss Wright and Betsy Rawls. Louise Suggs, with 50 was the previous all-time tournament winner. Kathy Whitworth, winner of eight Ladies PGA tournaments in 1963, collected about \$70 more than Betsy Rawls claimed in 1959.



NEWS OF THE TURF WORLD

SYNTHETICS DEPARTMENT • HERCULES POWDER COMPANY • WILMINGTON 99, DELAWARE



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AND BLUE CHIP. IS A TRADEMARK OF



The Economy of Nitroform® —Summarized

The special value of Nitroform® fertilizer is shown *not only by its lower cost per unit of nitrogen*, as compared to other forms of slow-release nitrogen fertilizers, but in the many operating economies it permits throughout the season. Although all of these factors have been covered in this series of ads, they are summarized here for your convenient reference.

- 1. Frees labor throughout the season** for other demanding work because fewer applications are required for top playable turf. Infrequent applications also mean that players can enjoy golf with minimum interference from maintenance crews.
- 2. Saves storage space and handling** because fewer bags have to be handled for equivalent nitrogen. The best place to store Nitroform is in the soil.
- 3. Does not burn the turf** because its nitrogen supply is released gradually, even if applied at several times the recommended rate.
- 4. Resists leaching** in all types of soil because Nitroform nitrogen is not quickly released, but its availability is dependent on microbial activity.

- 5. Has high efficiency** for turf applications because Nitroform releases sufficient nitrogen to meet the needs of early growth, and continues to release an adequate supply at the rate grass demands, lasting up to five times longer than conventional fertilizers.
- 6. Nourishes all types of turfgrass**, keeping both warm weather and cool weather grasses green and healthy.
- 7. Builds a nitrogen reserve** by keeping water-insoluble nitrogen in the soil until microorganisms can release it.
- 8. Relieves hot-weather worries**, for during the period turf growth is at a minimum, Nitroform gives a safe form of reserve nitrogen. Also, Nitroform is a safe summer supplement for greens, fairways, or tees.
- 9. Matures seedbeds faster** with only the initial application of fertilizer, and does not burn the tender young grass.
- 10. Comes in two easy-to-use forms:** Blue Chip® granules for mechanical spreaders, and Powder Blue* for liquid application suspended in water. Nitroform is also an excellent source of nitrogen for mixed fertilizers.

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INCORPORATED

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HERCULES PRODUCES POWDER BLUE* AND BLUE CHIP® NITROFORM FOR PROFESSIONAL USE

*Trademark of Hercules Powder Company

SN63-10



An elk fence surrounds the 6,700 yard Banff Springs (Can.) Hotel course to keep nosey animals off the fairways and greens.

Romantic Elk Now Cavort Outside Fence at Banff

By OWEN GRIFFITH
Hartford (Conn.) Courant

Moonlighting and mating elk were causing more trouble at the Banff Springs Hotel golf course in Alberta than winter-kill until Supt. Casper McCullough convinced the owners that the layout should be fenced in.

The elk were inclined to descend from the mountain slopes and frolic on the greens, with the males fighting each other fiercely for the favors of the females, before McCullough said nay to this rough house romancing. While it went on, his greens were often plowed to look like potato fields.

For the most part, the fence has forced the elk to cavort farther up the slopes, but in times of low water they still manage to crawl underneath the barrier. The course is in a national park where killing of animals is forbidden.

Floods were once a big problem, with torrents of water flashing down from the nearby mountains. Now, hydro-electric dams high up the slopes reduce or eliminate this hazard.

Remodelled in 1927

The course, attached to the Canadian Pacific's Banff Springs Hotel, was remodelled in 1927. Architect Stanley Thompson persuaded McCullough, a graduate of Massachusetts Agricultural College, to

come west and help out on the job. The original nine holes were built during World War I for the National Park Dept. by German war prisoners. They translated yards to meters and confused even the long hitters.

Extensive remodelling was necessary. Trainloads of topsoil were carried more than 100 miles from Strathmore, Alta, to fill in fairways and greens. Mount Rundle was blasted out for a long stretch to widen the fairway on the par 5 seventh hole and to provide a green for picturesque No. 8.

A "Wonderful World of Golf" sequence between Stan Leonard and Jack Burke, Jr., was filmed at Banff Springs more than a year ago. Numerous snow flurries lengthened this match to nearly five days. As Malcolm Tapp, the home pro, says: "It may have been the longest 18 holes on record, but it turned out to be quite a show."

O'Brien: Don't Forget the One Man Gang Who Puts in 18 Hours Daily at the Small Club

Gene O'Brien, pro at Rolling Hills CC, Wichita, Kans., calls attention to the man at the small club who serves as pro, manager, supt., head waiter, cook and bartender and then stays on after midnight to perform the janitorial rites.

"At least one week of the year should be set aside for paying him homage," says Gene.

O'Brien says that he has visited quite a few clubs where one man, sometimes assisted by his wife, runs the entire show from the dishwashing machine to the bag racks. He usually has 18 hours-a-day durability and the surprising thing is that he keeps about 99.6 per cent of the membership quite happy.

Imagine, Gene continues, that you belonged to a club where a one man gang was operating. Here's what you'd have to expect:

"I would like to take a lesson."

"Sorry, the pro is tending bar."

"Could I have a ham on rye?"

"Sorry, the cook is mowing greens."

"Could I please see the manager?"

"Sorry, he's cleaning the swimming pool."

"Can I get a drink?"

"Sorry, the bartender is giving a lesson."

"May I see the supt.?"

"Sorry, he's waiting on table at a ladies' luncheon."



THE NEW ROYER "SUPERINTENDENT" takes charge of all your soil processing

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
- the choice of a powerful air-cooled engine or power takeoff drive for use with your tractor.
- truck-loading discharge height
- improved blending
- completely automatic trash removal and discharge

You owe it to yourself to check this revolutionary Royer that completely eliminates time consuming and costly manual labor. Do it today. Send for Bulletin S-120 for all of the specs. You'll find the SUPERINTENDENT is budget-priced.

- Building a golf course? Send for the Paul Bunyan story.

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"LEADERS IN THE SCIENCE OF SOIL CONDITIONING"

Supts. Cram to Store Learning Before Going Into Winter Quarters

Before hibernating for the cold months, as they often are accused of doing, supts. throughout the northern part of the country got a taste of learning, recreation and social life last fall by attending one-, two-, or three-day regional turf conferences. Several of these meetings have been staged regularly every year since the end of World War II. While emphasis always is on the latest developments in course maintenance and new discoveries made by the agronomists, time usually is set aside for golf tournaments, cocktail hours, dinners and the time honored bull sessions in which the cerebrating often is heaviest and most lucid. Here are some of the highlights of the various conferences:

Mississippi Valley — Results of tests run on Evansville, C 1 Arlington, C19 Congressional, C7 and Penncross bents at Westwood CC in St. Louis were described. Soil mixes in which 80 per cent sand or 50 per cent sand and 30 per cent Terra Green were used proved to be most successful, according to Leon Howard. Fertilizer applications were similar in all tests, totalling 12.92 lb. N, 2.4 lb. P; and 2-1 lb. K. Expected coverage for all types of grass was deterred, possibly due to applications of various pre-emergence crabgrass herbicides. The visitors also got a look at Supt. Ralph Sehr's tree nursery in which 200 saplings are planted each year. Eventually, they replace dead trees on the course or are planted to fill in treeless areas.

Leon Short & Sons' Annual Turf Conference — This meeting was held for the 12th consecutive year in Keokuk, Ia. This was a talking conference that extended over two days, with much of the emphasis being put on planting preparation and control of disease. Speakers included Ray Keen, Stan Frederickson, Leo Cleary, Bob (Scotty) Glasgow, Malcolm Shurtleff, Ben Chlevin, Dean Peterson, Fred Grau and Ben Warren.

Intermountain Turf Association Conference — The first day of this Salt Lake City gathering was devoted to a golf tournament, with contestants playing 27 holes over three courses. Lee Stottern and

Al Emery were the moderators of the turf sessions which offered such speakers as James Latham, Tom Mascaro, Bill Bengyfield and Bruce Anderson of Utah State University.

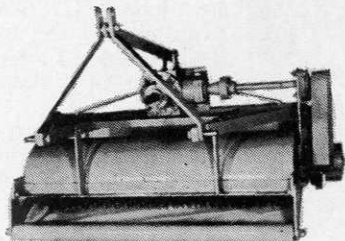
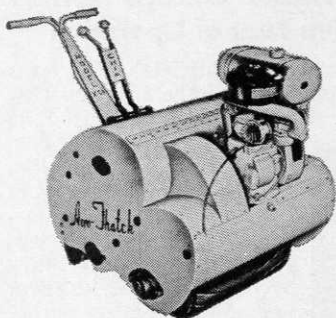
Central Plains Conference — Kansas State U. and the USGA collaborated with the Central Plains Foundation conducting this three-day gathering which was held in mid-October at Kansas State University. The conference is so well attended that it is necessary to hold separate meetings for both course supts. and persons who supervise the maintenance of parks, lawns and athletic fields. Nematodes and control of compaction and thatch were the most discussed items on the supts' side. Wayne Huffine, Marvin Ferguson, H. T. Burgan, Joseph Polvika, Chet Mendenhall, Wade Stith, R. W. Campbell, Joe Dickerson and George Halazon were among those who spoke or made up the panels.

Midwest GCSA Conference — Warren Bidwell, supt. of Olympia Fields (Ill.) CC, again was host at this gathering which had as its theme, "A Review of 1963 and the '64 Forecast." Mike Britton, Alexander M. Radko and James Beard, serving as moderators, introduced such speakers as Norman W. Kramer, Tony Meyer, Bernard A. Kazich, Al Johnson, Howard Baerwald, Walter Fuchs, Jr., Dudley Smith and others. Some departure from the usual discussions of turf problems was made when John Coghill and Everett Woxberg explored the tax maze, and a panel composed of Ted Woehrl, Beard and Radko explained how weather works and what it can do to the supt. who isn't prepared to cope with it.

Oklahoma Turf Conference — Held in Stillwater, Okla. in early December, this three-day session may have been the most thorough of any held last fall since it covered just about the complete maintenance spectrum. Specialists from the East coast joined with those from the Midwest, Central States and Southwest in discussing no less than 20 different subjects. Speakers and panelists included Harry C. Young, O. J. Noer, H. M. Clark, James R. Watson, Bob Moore, Ray Keen, Robert Miller, Dallas Wadsworth, William H. Daniel, Paul Sartoretto, Wayne Huffine and Lester Hare.

Texas Turf Conference — Held a few days after the Oklahoma meeting, the Texas conference featured many of the speakers who had talked at Stillwater. This gathering, held in College Station,

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your Big
PROBLEM?
Then
What's your
EXCUSE
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AERO-THATCH, INC.

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also is divided into golf and parks and school groups. A great deal of emphasis was put on mowing practices and soil amendments. Among the speakers were Roger J. Thomas, B. P. Robinson, Jerry H. Cheesman, Grover Keeton, Sonny DuBose, Wayne Allen, Tom Leonard, Cecil Brooks, John A. Long, John Henry and George T. Davis.

Slowinski Pleads in Vain; Senate Gives No Relief

Testifying before the Senate finance committee in November, Walter A. Slowinski, general counsel for the National Club Association, CMAA and the GCSA, said that clubs in the U.S. pay more than \$215 million in taxes each year and employ 310,000 people at a payroll expenditure of more than \$750,000,000. He stressed that clubs not only are self sustaining but, contrary to the popular view, aren't luxuries since they represent the effort of many average citizens to provide a setting in which families and communities can engage in athletic and social activities.

Slowinski made a plea for a reduction in the 20 per cent excise tax on club dues, saying that it should be cut back to 10 per cent. He called attention to the fact that the 10 per cent increase in the dues tax during World War II was an emergency measure that was to be immediately repealed when the war ended. By 1954, most of the tax increases on luxuries such as furs and jewels had been removed and, in 1960, the cabaret tax was reduced from 20 to 10 per cent.

Employees Would Benefit

"As the matter stands today," Slowinski continued, "only two things are subject to a 20 per cent federal excise tax. They are race tracks and club dues. The import of the 1960 Congressional action is that clubs fall into a category that is inferior to cabarets . . . in addition, a reduction in dues taxes would redound to the benefit of club employees because it would provide more income for salary increases and new jobs."

Slowinski also attacked the entertainment expense provisions of the 1962 revenue act, saying that the club industry, along with several others, has suffered from severe and unreasonable restrictions which this legislation has placed on legitimate business entertainment. He further charged that the provisions of the 1962 act are so complex that the Internal

Revenue Service found it necessary only last October to initiate special training for its 14,000 agents to educate them as to the full meaning of its provisions. Because the latter are so vague, Slowinski added, many business men refrain from taking legitimate deductions for fear of running afoul the law.

* * * * *

On Dec. 16, the Senate finance committee rejected an amendment by Sen. Russell Long of Louisiana that would have eased the rules on expense account spending. Senator George Smathers of Florida, who joined Long in the fight to permit more liberal deductions for legitimate entertainment, said that the 1962 revenue act is ruining restaurant and hotel business and is even depressing live stock prices.

Opposing any easing of the expense account rules, the Treasury department estimated it would cost the government \$100 million in tax revenue annually if Congress were to rescind the curbs it voted a little more than a year ago on expense accounts.

Barnhart Heads Chicago District in its 50th Year of Operation

Horace Barnhart, Butterfield CC, was installed as president of the Chicago District GA as that organization started its Peterson, River Forest, 50th year of operation with its annual dinner in the LaSalle Hotel in December. Barnhart was elected to succeed Stacy W. Osgood of Flossmoor and South Shore. Other CDGA officers for 1964 are James L. O'Keefe, Evanston GC, vp; Len G. Haldeman, Edgewater, treasurer; and Ralph C.



Barnhart

secretary.

Tommy Bolt was the principal speaker at the dinner. After brief introductory remarks he switched to answering the audience's questions which were concentrated on his ideas as to playing techniques, pro circuit personalities and, of course, Tom's colorful antics. He acquitted himself very ably, debunking some theories about shotmaking, treating most of the circuit performers magnanimously, and conceding that while he has made some mistakes in his day, many of them have been unfairly magnified.



Why the turf at Ridgewood C. C. maintains its beauty and playability year after year



Robert E. Kapherr
superintendent of Ridgewood Country Club, Paramus, New Jersey.

"I also like AGRICO because of its granu-

lation and uniformly dust-free particle size. It's a snap to apply with a spinner-type spreader. During the season, we feed our greens every two weeks and our fairways once a month."

lation and uniformly dust-free particle size. It's a snap to apply with a spinner-type spreader. During the season, we feed our greens every two weeks and our fairways once a month."

Why don't you try an AGRICO Country Club-AGRINITE Feeding Program at your course. Call your Agrico Representative or write: The American Agricultural Chemical Company, N. Y. 7, N. Y. In Canada: Agricultural Chemicals Ltd., Toronto 15, Ont.

AGRICO[®] COUNTRY CLUB FERTILIZERS

Herd, Pro-of-Year, Has Served Two Clubs in This Country

Bruce Herd, the PGA's 1963 home-pro-of-the-year, found two homes in the U.S. after coming to this country in 1921. For the first 17 years of his residency here, he was assistant and later head professional at Chicago's South Shore CC. Then, 25 years ago, he moved to Flossmoor (Ill.) CC and has been there ever since.

Last summer, in observing his 25th anniversary with their club, Flossmoor members gave Herd a plaque, a lifetime membership and sent him and his wife to England for a vacation.

Herd, a native of England, was brought up in a golf atmosphere. His father and four uncles, all golf professionals, served at St. Andrews in Scotland at some time during their careers. Bruce was introduced to the game 50 years ago as an apprentice clubmaker in his father's shop at Littleton GC, near Dover, England. Within a few years he was inducted into the British Army and, after serving four years in World War I, came to the U.S.

All-Around Ability

Herd has had a varied career in his pros at Flossmoor. Besides serving as pro, he has been called upon to supervise maintenance of the course and, in World War II, to oversee management of the club. His knowledge of both clubmaking and turf have qualified him as a consultant in club design as well as in course management.

The Flossmoor professional is the third Illinois PGA member to be named pro-of-the-year. This is the ninth year the award has been made. Herd was selected for the honor from among 25 sectional nominees by an anonymous committee of prominent amateur golfers.

Central Virginia Officers

A. L. (Roy) Watson is the new president of the Central Virginia Turfgrass Association. He is supt. of Greenwood Memorial Gardens. Joe Cockriel of Greenwood GC is vp and John Cook, CC of Virginia, is secretary-treasurer. Directors are Joseph Turner, Emporia CC and C. T. Spencer of Meadowbrook CC.



Herd

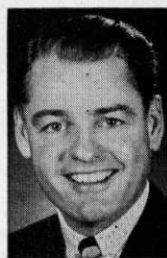
Watch for This

Every golf club in the U.S. is being mailed a form card on which space is provided for names and operating personnel entitled to receive GOLFDOM. Unless this card is filled out and returned, we cannot continue mailing GOLFDOM to these people.

If your club failed to receive this card or misplaced it — use the form on page 128. Our circulation auditing association requires that the list of persons to whom GOLFDOM is mailed be kept up to date. Without this updated information we are instructed to stop mailing the magazine to old names on our list. To make certain that your 1964 officials and operating heads receive GOLFDOM, please fill in the form and mail it today!

King Is 37th President of Western Golf Association

Thomas V. King, Chicago businessman and member of Evanston GC, was elected president of Western Golf Assn. at a December meeting held in Golf, Ill. He succeeds W. F. (Fritz) Souder, who completed a two-year term. Other new officers of WGA are Arthur R. Millas, Olympia Fields CC, vp; Cliff Domin, Medinah, secretary; and Harold T. Ames, Indian Hills, treasurer. Holdover officers are Cameron Eddy, Wilmette, Ill., F. H. Corrigan, Minneapolis and George H. Webb, Detroit, vps, and Adolor J. Petit, Jr., Northfield, Ill., counsel.



King

King is the 37th president of Western Golf, which was organized in 1899. He won varsity letters at both Michigan State and U. of Michigan and was a Marine officer in both World War II and the Korean conflict.

Metropolitan Writers' Dinner

The national awards dinner of the Metropolitan Golf Writers' Association will be held Jan. 22 in the New York Hilton Hotel. Lincoln Werden of the New York Times is the dinner chairman.