

Unless someone fed
RIP before he went to sleep,
he's going to feel lousy
when he wakes up.



Like Rip Van Winkle, your turf enjoys a long nap. Turfgrass goes dormant after a fall surge of growth, needs a deep healthy root system to survive the winter, and to get a vigorous start in the spring.

A fall feeding with Nitroform restores turf damaged during the summer and takes advantage of the peak growing cycle of cool-season grasses, allowing them to spread out and develop roots while most weeds are dormant. Fall feeding with Nitroform strengthens any turf for overwintering and builds re-

sidual nitrogen in the soil for use in the spring.

Nitroform®, Hercules Powder Company's ureaform turf food, contains a whopping 38% nitrogen but it releases it slowly as the grass needs it. In addition, Nitroform is easy to handle and store, is odorless and nonburning, and is available in two forms: granular Blue Chip® for conventional spreading and Powder Blue* for liquid application.

But let the Hercules representative explain why Nitroform means "pleasant dreams" in grass talk!



**HERCULES
NITROFORM®**

*HERCULES TRADEMARK

September, 1965

5N64-7



RIDE WALT DISNEY'S MAGIC SKYWAY AT THE FORD MOTOR COMPANY PAVILION, NEW YORK WORLD'S FAIR

New "PERFECTION" in mowing power...

Before you buy or issue bid specifications for new mowing tractors, you'll want all the facts about New-Size Ford LCG (Low-Center-of-Gravity) tractors.

Quieter, smoother operation with all-new, three-cylinder engines. Operators will be surprised and pleased at the absence of muscle-fatiguing engine vibration. Owners will be pleased with the new high level of fuel economy, longer intervals between oil and filter changes, ease of routine

maintenance. Battery, for example, swings out for full-view inspection and quick servicing. Chrome-faced piston rings, wear-resistant top ring groove inserts, hardened valve seat inserts and positive exhaust valve rotators keep compression up, lengthen time between overhauls.

Ten-speed power-shift transmission with independent power take-off lets operators change tractor speed **on-the-go**, stop, or reverse without manual shifting



New-Size Ford 4110 LCG with Ford seven-foot flail mower

NEW-SIZE FORD LCG's with POWER SHIFT

or clutching—all the while maintaining constant rated PTO speed. Mower plug-ups can be avoided and tractor speed instantly adjusted to mowing conditions.

Two power sizes: New-Size Ford **2110 LCG** delivers 30 PTO hp* with gasoline engine. May be specified with four- or eight-speed manual or 10-speed power-shift transmission. New **4110 LCG** delivers 45 PTO hp.* Available with diesel or gasoline engine and 10-speed power-shift transmission.

No other tractors offer all of New-Size Ford LCG advantages for better mowing performance! See your Ford tractor and equipment dealer for information or write Ford Industrial Tractor Sales, 2500 East Maple Road, Birmingham, Mich., 48012 for detailed specifications.

**Maximum observed PTO hp.*

FORD

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The Nitrogen Content of MILORGANITE is guaranteed to be 6%* — an increase of 10% over the previous guarantee — at NO Increase in Price . . . yet it's worth 10% more!



**In the past year, the Nitrogen Content of MILORGANITE has exceeded 6½% on many occasions.*

Customers who purchase MILORGANITE in carload lots also benefit through seasonal discounts of \$1.00,

\$2.00 and \$3.00 per ton,

depending on when purchased.

Ask your MILORGANITE Distributor for details.

These discounts are absorbed in savings on overtime labor — savings passed on to you . . . a valued MILORGANITE customer!

If you want the benefit of these Seasonal Savings, place your order early as distributors are limited by monthly quotas.

THE SEWERAGE COMMISSION
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MILORGANITE
The NATURAL ORGANIC FERTILIZER

An 18-hole course is under construction at Lake Havasu City, Ariz. . . . Groundbreaking ceremonies have been held and construction of the course is underway at Los Alamitos Naval Air Station, near Long Beach Calif. . . The Eastbay Regional Park District has given Baldock Pacific Properties a contract to build, operate and maintain an 18-hole course in the Anthony Chabot regional park in the San Leandro-Castro Valley foothills . . . The lease is for 50 years . . . Port of Oakland (Calif.) has secured an interest rate of 3.587 per cent for \$800,000 worth of certificates of indebtedness to finance a new 18-hole municipal course . . . The new Mission CC, Mitchell, S. D., is a 9-hole sand-green layout.

The McGregor GC, Saratoga Springs, N. Y., has been purchased by J. W. Gentry . . . The new owner plans to turn the 18-hole, 900-acre course and clubhouse into a year-around operation . . . members of Cabarrus CC, Concord, N. C., have voted to sell 23.5 acres of their land to a developer who will build a new shopping center . . . The membership also gave the go-ahead for construction of an 18-hole championship course on a tract of land acquired in 1964.

Development of a 125-acre recreation park with tennis, beach, boat and golf facilities has been proposed for Fairfield, Conn. . . . A 19-hole miniature course called The Square has been opened by Dominic Soriano in Long Branch, N. J. . . . Present plans call for a Carlson & Ryder designed course to be built in North Salem, N. Y.

Gillette, Wyo.'s municipal course has two new grass greens built by the volunteer labor of local golf enthusiasts . . . The remaining seven are sand . . . Dell Rapids (S. D.) Community Golf association has applied for a loan to construct a 9-hole course and clubhouse . . . Greenwich, Conn. will be the new site of the Fairview CC of Elmsford, N. Y. . . . The club is currently being engulfed by an industrial development . . . Most of the members of Fairview are residents of Westchester county and New York City.

Newport News, Va., has construction underway on the new municipal course . . . Called Pen-Am, the course will be



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A championship green cannot be established with seed. This fact has been recognized by golf course superintendents for over 50 years.

The variability in seed results eventually in "patchwork quilt" greens of different textures and different colors. Recent experimental plantings of Penncross seed resulted in over 100 different types of Bent from 1 ounce of seed. This

If what you seek is putting green perfection with less future trouble, plant stolons. Make certain that the stolons you plant were grown on sterilized soil and are free of wild bent and poa annua.

**FOR THE FINEST GREENS POSSIBLE AT
THE LOWEST PRICE POSSIBLE PLANT**

Warren STOLONS

extreme variability can be seen at our research center in Palos Park, Illinois.

A leading turf expert stated recently, "Now that the quality of turf developed from commercial Penncross seed seems to be deteriorating (production fields appear to be left down too long) turf men are looking to the old standard stolons."

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FREE LITERATURE

- "Construction and Planting of Putting Greens with Creeping Bent Sod or Stolons."
 "Genetic Variability in Creeping Bent" A study of seed versus stolons for planting putting greens.

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Address _____

City _____ State _____ Zip _____

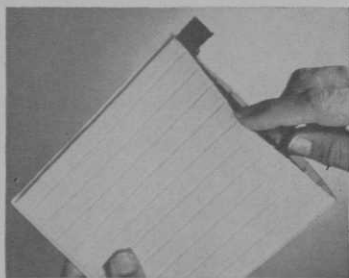
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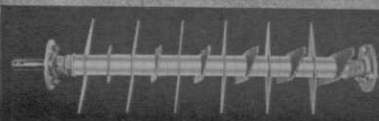
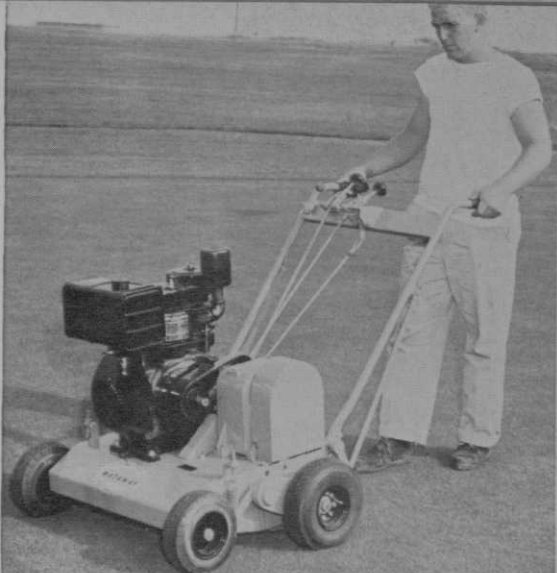
18 holes, measure 7060 yards and have a par 72 . . . A Par 3 course measuring 1490 yards will be included . . . The main course is expected to be playable by next spring . . . Dale City, one of the satellite cities surrounding Washington, D. C., has opened its model homes in Virginia and has plans for two 18-hole courses, the first of which is already blocked out, and a pitch-and-putt course.

Frank Moran, veteran golf editor of the Scotsman, and highly regarded by American golfers and writers who have met him, recently made a Member of the Order of the British Empire for his services to golf . . . Les Frisinger, pro at Rockledge, Fla., says that because so many members are engaged in space agency and missile work, summer golf is every bit as active as the busiest winter they've had . . . Les and his wife, Louise, have done a grand job of making their pro shop a sports fashion center . . . They claim golfers at Rockledge are the smartest dressed golfers in the south.

Harry Fawcett, who retired in 1963 as general manager, Kansas City Club, after a notable career which included management of country clubs famed for food, service and atmosphere, recently spoke to the Missouri Hotel and Motor Inn Association on trends in competition for the business of good eaters and said that lack of trained cooks is rapidly bringing on food prepared by automation . . . Fawcett, who had some great chefs working for him, says that now by correct ordering of prepared foods the small club can provide its members with epicurean meals . . . Fawcett also pointed out that lack of competent supervision in food service at restaurants and clubs has downgraded many of the establishments to a sad degree . . . He forecast revolutionary architectural progress in country clubhouses, adjusted to inevitable developments in food service.

Pro Norwood Thompson says the new Spotswood CC in Rockingham county, Va. is the newest 18-hole course in the area . . . The C-Way GC, a par 35, nine-hole, 3015-yard course was opened recently in Clayton, N.Y. . . . Andy Clement, pro, says a driving range, putting green and complete clubhouse facili-

**Use the
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RYAN
MATAWAY
to control thatch
for better
turf growth**



Wide range of reel assemblies and blades—all blades carbide faced for extra long life.

The self-propelled Ryan Mataway is powered with a 9 HP engine to guarantee continuous high speed cutting through the densest thatch. The high speed helps blades lift out thatch without harming grass. The Mataway covers over 10,000 sq. ft.

per hour so you can use it for all the jobs it's built to do—on greens, tees, fairways and approaches: *thatch control, vertical slicing of running stem grasses, grain control, erosion control and to reduce moisture runoff, to cut narrow furrows in soil surface before overseeding or fertilizing.* Choice of models, one with reversing reel, plus lighter weight Ren-O-Thin for power raking.



◀ **See how Ryan units team up to do more jobs:** Use the Ryan Green-saire for superfine aerating (it pulls more cores per sq. ft. than any other aerator . . . core openings do not deflect putts . . . coring immediately relieves compaction). Follow up with the Mataway (or Ren-O-Thin) to turn cores into top dressing! See your Ryan distributor or write:



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Plenty of nitrogen and potash . . . but low in phosphorus to help prevent a phosphate build-up on greens, tees and fairways. Clean, easy-to-use pellets assure complete feeding, full-formula feeding. Essential Micro-Nutrients included.

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ties are also available at the public course.

Most of the work is completed on the 9-hole Mountain Home GC near Meridan, Id. . . . Civic organizations and volunteer labor did almost all the work on the course . . . Meadowlark GC, Melrose, Minn., has opened recently, after some delay caused by rains and flooding . . . Mr. and Mrs. **Wendell Pearsons**, who built and operated the St. Joe Valley GC, Sturgis, Mich., have sold their 18-hole public layout to Mr. and Mrs. **L. A. Lee**.

Eight of the nine British Walker Cup members plan to stay in the U.S. for the Amateur which is scheduled for Southern Hills, Tulsa, Sept. 15-18 . . . The Walker Cup matches were played Sept. 3-4 in Baltimore . . . **Harvey Meeks**, charter member of the Florida West Coast GCSA, died in Clearwater in mid-July . . . The Florida West Coast GCSA's second annual scholarship tournament is to be played Sept. 19 at Sunset G & CC, St. Petersburg . . . PGA tournament players say that a field of 140 to 150 is unwieldy because there aren't enough daylight hours to comfortably accommodate all the entrants . . . However, 172 starting places were allotted for this year's PGA Championship in Ligonier . . . Faster play on part of contestants might help to solve the big field dilemma.

In the 42 tournaments played from the 1964 PGA Championship through the 1965 Insurance City Open, there were 31 different winners . . . **Bill Casper** won five of these events and **Jack Nicklaus** and **Bruce Crampton**, three each . . . **Bob Nichols**, **Ken Venturi** and **Doug Sanders** each claimed two . . . The 31 winners were automatically seeded into the PGA Championship . . . The 1966 PGA Seniors' Teacher Trophy championship will be staged at the PGA National GC, Palm Beach Gardens, Fla., Feb. 24-27 . . . Minimum purse will be \$35,000 . . . In 1954, the first year the tournament was co-sponsored by Teacher, the purse was \$5,000.

In 11 years of bigtime golf at Firestone CC in Akron, O., more than \$700,000 has been awarded to the professionals and about \$200,000 has been earned for Akron charities . . . Firestone is one place that the pros don't tear apart . . . In one



“I never worry about an installation when we use Certain-teeed Asbestos-Cement Pipe!”

Lee Freeman is a construction superintendent who specializes in golf course irrigation systems, and has used various kinds of pipe in courses throughout the country and in the Caribbean. “Certain-teeed pipe is easy to work with and absolutely dependable. I’ve used it in the Catskills, in 35-below-zero weather, and in the Deep South, with 100-degree heat. Under all

conditions, including swamps — rocks—clay, Certain-teeed pipe outperforms any other kind.”

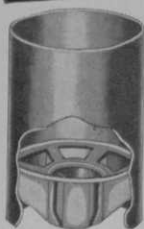
For the irrigation system your course needs, choose economical, trouble-free Certain-teeed Asbestos-Cement Pipe, now factory-equipped with the new CERTA-SPACER™ pipe-positioning band for fast, sure assembly at every joint.



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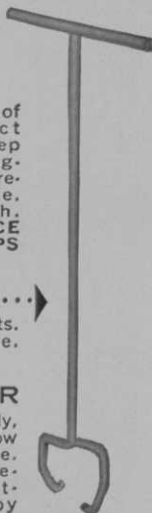
A green cup of high impact plastic. Deep ribs hold flag-poles and prevent breakage. White finish. Also **PRACTICE GREEN KUPS** (not illus.)

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Buyers' Service • P 103

PGA Championship and four American Classics from 1960 through 1964, par was bettered or equalled in only 11 per cent of all rounds played . . . According to **Lincoln Werden** of the New York Times, **Jack Tuthill**, PGA tournament supervisor, says too many kids are turning pro and trying to make it on the circuit . . . The annual dropout percentage is high and those who fail usually want to be quickly reinstated as amateurs . . . In 1964, 261 players were listed on the PGA money list . . . That sounds like quite a few until it is noted that the fellow at the bottom won only \$42.11 . . . A successful tourist, says Tuthill, should be able to pay his expenses and have \$20,000 left over (before taxes) at the end of the year.

Golf history will be made at International Golf Assn. tournament at Club de Campo, Madrid, Sept. 30-Oct. 3 . . . Among 38 two-man pro teams competing for the Canada Cup team trophy and the International (individual) Cup will be the first golf team from the other side of the Iron Curtain, a Czechoslovakian pair . . . Teams from Greece and Morocco will also compete for the first time . . . Spain has done well in the IGA world-wide pro classic . . . **Angel Miguel** won the International Cup in 1953 . . . Spain finished second in 1963.

John Hays Melady, a pioneer in scientific course turf development and management, died July 12 at his daughter Eva's home in Hackensack, N. J., after a series of strokes . . . Melady started demonstration turf plots when he was with Carter's Tested Seeds and from these evolved a variety of selections, planting, care and treatment of many golf courses in th '20s . . . He was instrumental in getting the generally recognized standard of the flagstick of 8 feet accepted . . . He was an authoritative writer of books and articles on turf, horticulture and landscaping.

The Hagen trophy for 1965 was voted by the Golf Writers Association to **Gene Sarazen** for his contribution to international golf . . . The trophy is a gift of the British company making Daks slacks . . . The **Haig** was the trophy's first winner (in 1961) . . . Presentation is made during