"Johnny On The Spot"

Service is one of the reasons why most golf courses use STANDARD equipment. 175 full-line distributors cover the country . . . and chances are, that puts a STAND-ARD man near you. Best of all, this service covers the *full* STANDARD line . . . everything you need, from Agrometers to Yardage Markers. You'll like doing busi-

ness with a STANDARD man . . . because he's "Johnny on the Spot" when you want service.



STANDARD MANUFACTURING CO. CEDAR FALLS, IOWA



Turf Talk by Bob Miller

With the summer months past and fall and winter almost upon us, have you stopped to look back on your disease control program to see how effective it was? We sincerely hope that you have had few, if any, turf disease problems. However, now is the time to get ready for winter and take steps for snow mold prevention. We believe the control of snow mold is a three step program:

(1) Aerify to encourage better drainage and apply 5 to 10 lbs. of lime per 1,000 sq. ft. if the pH is below 7.

(2) Apply your fertilizer at least six weeks prior to the time grass usually goes dormant. This will encourage good fall growth and the grass will go into the winter in a hardened stage.

(3) Apply "Tersan" 75 or "Tersan" OM at 6-8 oz. per 1,000 sq. ft. as late in the fall as possible prior to snowfall and make a second application of half this rate during the freezing and thawing period of early spring.

Although snow mold may not be a problem every year or in all areas, experimental work has shown that turf protected with good turf fungicide will come through the winter stronger and start off more rapidly in the early spring. With this in mind, start preparing your course to weather the winter months in the best possible condition.

Bob Hyiller

Superintendent turf fungicides



William Brady is one of many superintendents whe depend on Du Pont turf fungicides for outstanding course conditions. Safe and easy to use, they wond discolor grasses or cause discomfort to users.





Better Things for Better Living ...through Chemistry

s continue to report Du Pont give top control of snow mold

For years, superintendents throughout the country have relied on Du Pont turf fungicides to stop diseases quicker and betterbefore they start.

Typical of this wide acceptance is this statement by Superintendent William Brady of the Barrington Hills Country Club in Barrington, Illinois:

"I have used Du Pont 'Tersan' 75 turf fungicide for snow mold control ever since it has been on the market. Three years ago my greens were badly infested with this disease, but because of 'Tersan' 75, it is no longer a problem."

Du Pont "Tersan" 75 and "Semesan" turf fungicides, used separately or together, also stop large brown patch and dollar spot. And Du Pont "Tersan" OM turf fungicide—an easy-to-use combination of "Tersan" 75 and "Semesan", effectively controls all these diseases plus copper spot.

For steady feeding of your tees, greens and fairways, spread free-flowing Du Pont "Uramite" ureaform fertilizer: slowrelease, non-burning, 38% nitrogen. And wherever fast turf "green up" is needed, spread or spray Du Pont "NuGreen" fertilizer compound, a 45% nitrogen from urea. Non-corrosive and compatible with all Du Pont turf fungicides, "NuGreen" is water soluble for cost-cutting combination sprays.

For full information on how these dependable Du Pont turf products can help you keep playing conditions up to par, consult your golf course supplier...your service agency.

On all chemicals, follow labeling instructions and warnings carefully.

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TERSAN[®] OM turf fungicide URAMITE® ureaform fertilizer



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urea fertilizer

GOLF	MEN'S DIVISION Slimline "Trim Golfer" Slacks with one pleat and half belt.
SLACKS	70% Orlon Acrylic and 30% Wool
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USGA Warns of Tax Liability Arising from Calcutta Pools

According to the USGA, the Internal Revenue Service has been active recently in enforcing federal tax laws involving Calcutta pools.

Two IRS agents appeared at one club just before a Calcutta pool was to be conducted and advised the club it would have to buy a federal gambling stamp if the event were staged. It was further stipulated that 10 per cent of the pool proceeds would have to be turned over to the government. The club decided to buy the stamp, hold the Calcutta and pay the government 10 per cent of the pool.

Two days later the agents returned to the club and asked for 10 per cent on Calcuttas held in the last five years, a period not barred by the statute of limitations. The club eventually agreed to settle the retroactive assessment for \$5,000.

Sponsored by Individuals

In another case, after a Calcutta was sponsored by certain individuals, the IRS agents insisted on being provided with the names of participants and amounts won, the latter being subject to income tax. The club was informed that if it had conducted the Calcutta it would have been liable for a 10 per cent tax on receipts, and its exemption from the federal income tax would have been jeopardized.

Expectancy of Benefits

The USGA's disapproval of gambling in connection with tournaments is well known. From time to time it has inveighed against the practice. Three years ago, its general counsel, Philip H. Strubing, pointed out the tax liabilities incurred through the staging of Calcuttas in an opinion sent to USGA member clubs. In it, Strubing emphasized that even if a club doesn't retain any portion of a pool, IRS has ruled that there is an "expectancy of other benefits" such as advertising the establishment or increasing attendance at a tournament in which there are charges for admission. The government says expectancy of indirect bene-fits constitutes "profit" for purposes of the wagering tax.

BUYERS' SERVICE - P. 97

Jacobsen



new compact-size mowing tractor -the TURF COMMANDER!

Now Jacobsen introduces a new-size mowing tractor that brings you the plus features of larger units at a "compact-size" price! It's the new Turf Commander . . . another Jacobsen "first," developed for fast mowing of large areas and quick close-in maneuvering around buildings and shrubbery. Fully articulated out-front mowers cut ahead of all wheels—no streaking, full front-view operation. Finger-tip hydraulic control system raises and lowers units without stopping the tractor. You mow with 3 or 5 gangs . . . up to 11-foot swaths—

cut mowing and trimming time. Faster travel between mowing areas, too. See the new versatile, cost-saving 32 hp Turf Commander demonstrated now! Phone your Jacobsen Turf Equipment Distributor or write today.



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September, 1962

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Stress Beauty, Playability in Irrigation Booklet

Methods of irrigation that will insure the maximum in beauty and playability of golf courses with minimum installation and maintenance costs are outlined in a new booklet, "Golf Course Irrigation", published by the Cast Iron Pipe Research Association, Chicago.

The booklet was prepared to "assist golf course supts. in the selection, design and construction of new irrigation systems and in expanding or replacing existing ones," according to Thomas F. Wolfe, managing director of the association. "It is not intended to replace the architect and engineer," he adds.

An abundant water supply is the first requisite for a beautiful and healthy golf course, the booklet points out. Of equal importance is an efficient and dependable piping system to deliver the water properly. With water and a good sprinkler sys-



Thomas F. Wolfe (r), managing director of Cast Iron Pipe Research Association, explains a golf course irrigation system to Bill Ogden, pro at North Shore CC in Glenview, Ill.

tem, maximum benefits can be obtained from fertilizers, fungicides and chemicals whose uses are so vitally important in growing and maintaining vigorous, disease-free grasses.

Numerous Illustrations

The text is illustrated with maps, charts and photographs including a map of the United States showing the annual rainfall

THE TREND IS TO HARDIE



Ashbourne Country Club, Cheltenham, Pennsylvania

THE FINEST IN GOLF COURSE SPRAYING EQUIPMENT

Yes... the trend is to Hardie ... because with a Hardie, the beauty of your fairways, greens and club house grounds can be preserved with dependable case ... Hardie Hi-Pressure sprayers are available in sizes from 3 to 60 gallons per minute. Pressure is adjustable from 50 lbs. for weed spraying to 800 lbs. for hand spraying greens, shrubs, etc.

The Hardie Hi-Lo pressure regulator weed boom is considered by many Golf Course Superintendents as the ultimate in boom design and performance. Hardie also manufacturers a complete line of single and multi-nozzle spray guns for exacting green or shade tree work. There is a budget-priced Hardie Spray-

r, with either the famous long-lasting Hardie Douglas-Fir wood tank, or the conventional steel tank to meet your exact requirements. See your Hardie dealer soon, or write for illustrated literature.

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in inches in various sections of the country. This enables the supt. to estimate the number of rainless days and the amount of water he will need to provide by irrigation. Thus it helps him to specify the capacity of his sprinkling system.

Other charts include:

- 1. "Equation of pipes" showing the number of pipes of various sizes needed to equal the carrying capacity of pipes of a larger size.
- Assemblies of valves for fairways and tees, gravel sump drains and sod cups and valves.
- 3. Federal specifications for cast iron pipe and mechanical joints.
- 4. Thickness and weights of pipes of various diameters by the feet and by length.
- 5. Flow capacities for various sizes of pipe.

Operate in Sections

Since a system designed to irrigate the entire grounds at one time is not economically feasible, the booklet warns that a "schedule for operating the watering system in sections is an important factor in preparing the basic design."

Under the heading, "General Design

Considerations," the booklet points out that:

BALTIMORE 11, MARYLAND

- 1. Determining the water system is a hydraulic problem that must be balanced with the source of supply, pumping pressure and available water volume.
- 2. The need for irrigation varies with the rainfall and evaporation rate in individual states. (The map showing anticipated rainfall by areas is included to help supts. estimate their needs.)

Other sections of the booklet include: types of irrigation systems; operating schedules; selection of proper pipe sizes; pumping equipment; sprinkler and nozzle spacing and installation methods which are copiously illustrated with photographs of actual installations.

Copies of the booklet can be obtained by writing to Cast Iron Pipe Research Association, 3440 Prudential Plaza, Chicago 1, Ill.

Statistics released by the Ladies PGA late in August showed Mickey Wright to be the leading money winner. She had collected \$14,137 and had won 7 tourneys.



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The Ryan Greensaire puts any green in better playing condition, keeps it playable immediately after coring. Players really appreciate the way the green holds chip shots, the improved putting control the "feel" of the green gives them. You'll rate the Greensaire your most important greens tool before this season is over. Call or write for specifications and a demonstration.



