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MALLINCKRODT PRESENTS NEW 1975 TURF PEST MANAGEMENT HANDBOOK

St. Louis, Mo., June 10, 1975

Just off the press is Mallinckrodt's brand new 1975 edition of the *TURF PEST MANAGEMENT HANDBOOK*. Compiled by Stan Frederiksen, Manager, Turf Products, and W. A. Small, Research Associate, the new HANDBOOK represents a comprehensive up-date of the HANDBOOK originally published in 1955 and last revised in 1966.

The new HANDBOOK offers many features not presented in the earlier editions. Featuring full color illustrations, it pictures several turf diseases not shown in the previous books which have become prominent in the turf management picture in recent years. In addition, attention is directed to other turf management problems, such as weeds, weedgrasses, including hard-to-control *Poa annua* (annual bluegrass), proper methods of spraying, control measures for various turf problems, and other features which will be of special interest to professional turf managers.

Various sections of the HANDBOOK, as well as a number of the color illustrations, have been provided and/or edited by outstanding turf authorities across the country.

The *TURF PEST MANAGEMENT HANDBOOK* is now available through Mallinckrodt distributors everywhere at a modest cost. (It carries a list price of under \$2.00.) According to the co-authors, the HANDBOOK will help turf managers avoid many significant turf problems and to solve a great many others.

The new volume comprises 62 pages, compared with the 48 pages of the last (1966) edition, and is expected to have a significant impact in the world of professionally maintained fine turf.



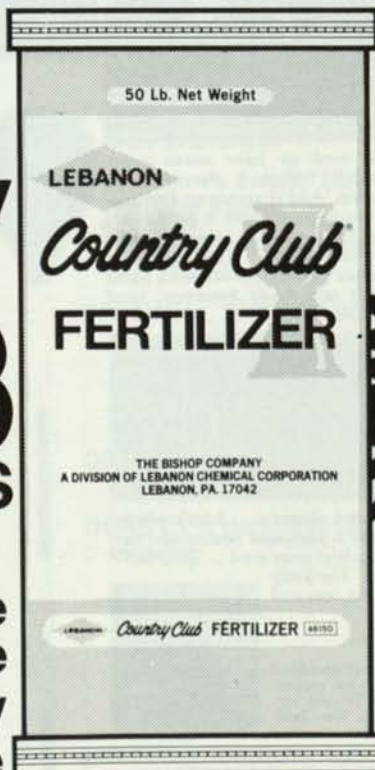
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Richard Valentine, Golf Course Superintendent at Merion Golf Club has some interesting ideas about turf management. Here are some experiences he has shared with us.



"I don't believe in heavy feeding, and that seems to suit Baron just fine. I never use more than three pounds of nitrogen per 1000 square feet per annum. Baron doesn't seem to need those high nitrogen applications that some people are using on bluegrass. And, less fertilizer means less fungus and thatch... I like that."



"We have a tradition to uphold here at Merion and, by golly I'm going to make sure we use nothing but the best. Baron Kentucky Bluegrass belongs here at Merion."



"I used to have much more thatch before I started using Baron. And it comes up fast too. I cut-in Baron and it germinates in 10 days... one half the normal time." Rich discusses Baron's quick growth with Peter Loft and Andy Sweeney, local supplier.



"Merion has lots of hillsides and slopes... here's where Baron really stands out. We use a Jacobsen Seeder and cut seed into the soil. You have to plant grass seed... you can't just throw it on the ground. The only place I don't use Baron is on the tees and greens, which are bentgrass."

Richard Valentine, Golf Course Superintendent at Merion Golf Club, Ardmore, Pa. is the second superintendent in Merion's famous 79-year history, succeeding his father, Joseph, who held the position for 54 years.



"We cut our fairways to one inch all year long. During our regular Fall renovation program on approaches and drive areas, we use a mixture of five bluegrasses... 75% of that mixture has been Baron. We'll use the same mixture next Fall."



"I've used Baron for four years on all my fairways and up to this date I haven't had one case of helminthosporium. Baron stays greener during the cold months and brightens up fast in the Spring."

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ADELPHI - A dense dark hybrid from Rutgers University.

ARBORETUM - An old-fashioned strain from Missouri for unparpered lawns.

ARISTA - A Dutch cultivar especially used in blends.

BARON - A vigorous, European cultivar, quick and economical.

BONNIEBLUE - Another notable Rutgers hybrid, unusually low and dark.

CHERI - Admired in Europe for sturdiness and bold texture.

FYLKING - A Swedish beauty of refined elegance; withstands low mowing.

GLADE - Dark, decumbent variety, resisting mildew so good in shade.

MAJESTIC - Richly-colored Rutgers hybrid, lengthy season and dwarf habit.

MERION - Leading bluegrass of outstanding beauty, but suffers some disease.

NUGGET - A dwarf selection from Alaska, "tops" for summer looks and shade.

PENNSTAR - Highly refined European bloodline of unusual grace and beauty.

PRATO - A sprightly cultivar from Europe, doing very well in blends.

SODCO - A dwarf, slow-growing composite bred for sun and shade.

SYDSPORT - A broad-bladed Swedish cultivar, bold and bright.

PRENNIAL RYEGRASSES - The improved ryegrasses are now as attractively fine-textured as is bluegrass. Seed sprouts quickly, and seedlings are vigorous. Bluegrass is generally included with ryegrass for permanence, better spreading, and neater mowing.

COMPAS - An attractive Dutch selection, often used as a nursegrass.

DERBY - A dark, dense polycross tolerant of fairly low mowing.

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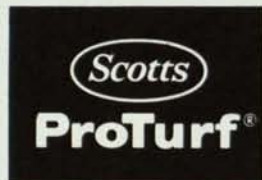


Richard Trevarthan, Supt.

Dick will be our host at our August 11th meeting at Prestwick Country Club, Frankfort, Ill. Frank is only a short distance south of Chicago. Bring your golf clubs and enjoy a game of golf on Blue Grass Turfgrass.

The happy young bride-to-be gushed, "Darling, when we get married I'm going to cook and darn all your socks."

Said he, "Oh, that won't be necessary, dear, just darn them."



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ILLINOIS TURFGRASS FOUNDATION, INC.

Turfgrass is very important in our everyday life. We commonly appreciate it for its' aesthetic values - highway road sides, parks, cemeteries, home lawns, golf courses and general landscaping. However, few people know that the oxygen produced by the grass plant is very important. An area of turfgrass 25 feet by 25 feet (625 square feet) can produce enough oxygen to support the lives of four people. An average golf course (130 acres) can produce enough oxygen for 36,400 people.

The Illinois Turfgrass Foundation is a non-profit organization that was formed to initiate and carry on research in the culture and maintenance of turfgrass. The University of Illinois has conducted this research program that has been funded by an annual allocation from the Legislature of the State of Illinois, the subscription of memberships, grants from private industry and a few donations. Recently, however, an adverse decision by the State Legislature has reduced the operating capital of the Illinois Turfgrass Foundation to an extent that the future of this program is in jeopardy.

Therefore, in an effort to raise funds to support turfgrass research at the University of Illinois, the Illinois Turfgrass Foundation will be sponsoring a golf day on August 25, 1975 at the Indian Lakes Country Club, 232 West Schick Road, Bloomingdale, Illinois. Tickets will be sold for \$30.00 per person and will include golf, golf cars, hors d'oeuvres, dinner and an opportunity to win many prizes. Additional contributions will be significantly appreciated. The donor of each \$100.00 will receive an additional free ticket. Additional information may be obtained from your golf course superintendent or the golf day chairman, Roger LaRochelle, 219-844-0330.

We hope that everyone will be able to participate in this event. Today, more than ever, because maintenance costs have increased substantially and turfgrass areas are being used extensively, it is our responsibility to acquire as much knowledge as possible. Your acknowledgement of and donation to the Illinois Turfgrass Foundation will contribute to the product of our efforts.

We hope that you will make every effort to support this important research program. The excellent condition of our turfgrass areas and the development of many improved strains of grass are the results of research. Your participation is very necessary for this program to continue.

SAFETY TIPS FOR THE LAWN MOWING SEASON

Careless use of a power mower can turn a carefree summer into a nightmare.

By following these precautionary steps, you can help prevent injury to yourself and others.

1. Know how to operate a power mower - READ your owners' manual.
2. Pick up any sticks, stones, wire and any other debris in your lawn so they are not thrown by the blade.
3. Never refuel a running or hot mower.
4. Keep pets and children away from a running mower.
5. For self propelled mowers, make sure it is in neutral before starting the motor.
6. Keep feet out of reach of blades while starting and running the mower.
7. Do not run mowers in an enclosed area especially where there is little air circulation.
8. Never walk away from a running power mower - always stop the motor.
9. Check periodically to make sure all nuts are secure and blade or blades are sharp.
10. Do not cross walks, drives or roads with a power mower still running.
11. Never pull a mower up a hill or towards you to avoid slipping and getting a foot caught by a spinning blade.
12. Disconnect spark plug when working on a mower. If electric, make sure it is unplugged and do not use when grass is wet.

Cooperative Extension Service
421 North County Farm Road
Wheaton, Illinois 60187
Telephone: 682-7486

COMING EVENTS

- September 16, 1975—University of Illinois Turfgrass Field Day, Urbana
- September 23, 1975—University of Illinois-ISFA Pot Plant School
- December 10, 1975—Illinois Turfgrass Conference, Ramada Inn, Champaign
- January 12-14, 1976—Mid-Am, Arlington Park Towers, Arlington Heights
- January 15, 1976—Pesticide Clinic, Holiday Inn, Rosemont
- February 9, 1976—Illinois Seminar For Commercial Arborists, Sheraton O'Hare, Rosemont

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THINK FOR YOURSELF

Most people, simply by applying a few sound principles, could think more effectively than they do. Too many of us are awed by the experts, preferring to let them do our thinking for us. We fail to realize three fundamental principles about thinking, which, if recognized, will strengthen our confidence in our own ability to think!

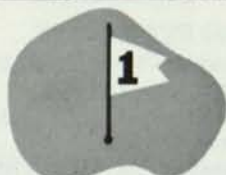
1. Knowledge doesn't come from books—it comes from human observations and deductions. That's how it got in the books in the first place. The most important knowledge we possess comes from observing and thinking, not from reading books or listening to professors.

2. It's always worthwhile to try to think for yourself. Study the available facts and apply your own imagination and logic. Sometimes you can find the right answer—or perfectly good answer despite lack of experience.

3. Be wary of the "expert". If what he says doesn't agree with what you have seen and deduced for yourself, make allowance for the fact that he may be wrong. Books and experts often are. — John Luther

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GLADE, A GLAMOROUS NEW BLUEGRASS

The Glade cultivar of Kentucky Bluegrass, an ideal shade grass and beautiful as well, is another outstanding turf release from Rutgers University, leading bluegrass breeding center in the country. Glade spent 10 years in Rutgers' proving grounds, after discovery in an Albany, New York lawn by Dr. Reed Funk. It was consistently acclaimed for rich color, low growth, and, above all, for better tolerance to diseases apt to be troublesome in shade.

The Vaughan-Jacklin Seed Company further verified the reliability of Glade through widespread test plantings in all parts of the country. Glade received a plant patent in 1972, and Vaughan-Jacklin secured exclusive rights for bringing it to market. About four years are required before the handful of seeds a breeder collects from the mother plant can be translated into a marketable supply. While field performance is closely observed, the "temperament" of the grass is assessed so that proper weeding, fertilization, and other cares will assure seed of the highest possible quality and economy. Glade came through with flying colors.

Like Fylking, Merion, and similar top bluegrasses grown agriculturally in the Pacific Northwest (in contrast to the older practice of gathering seed from unpedigreed pastures), Glade seed is unusually clean and wholesome. It combines virtues found both in Fylking and Merion, sprouting rapidly like Fylking, but approaching Merion in the abundance of seed to the pound that allows it to be sown so lightly.

Though the heavy demand for this shade grass seed may not be fully met this year even with a bumper crop, sod growers, skilled in nursing a light seeding into luxuriant sod, will help extend the supply.

Doyle Jacklin
Agronomist

IN THE SAME VEIN

A professional is a man who can do his job when he doesn't feel like it. An amateur is a man who can't do his job when he does feel like it.

James Agate

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Personal: Married, 5'11", 180 pounds, 24 years old

Professional Objective: Golf Course Superintendent

Education: B.S. 1973 Pennsylvania State University

Major: Agronomy, Option: Turfgrass

Experience April 1973 to Date: Clinton Country Club. **Assistant Superintendent.** My responsibilities included every phase of course maintenance: mowing, irrigation, chemical and fertilizer application, irrigation line repair, equipment repair, purchasing, budget preparation, and overseeing the construction of the new nine holes.

Experience 1972 to 1973: Pennsylvania State, Joseph Valentine Turfgrass Research Center. **Turf Technician.** Worked on disease, insect, and weed control, fertilization application, seedbed preparation and seeding. I have also become acquainted with the various brands of maintenance equipment.

Summer 1971: Sewickley Heights Golf Course, Sewickley, Pa. **Greenskeeper.** Received practical experience of summertime golf course maintenance.

Background: Brought up in the Western and Central Pennsylvania areas. Wife is a Registered Nurse. Have one child born January, 1975.

Interest: Primarily interested in outdoor activities: hunting, fishing, hiking and various sports, e.g. golf, baseball, football.

PUNKY GALLS ON JUNIPERS

Prune-size punky galls won't hurt your Junipers. But since they are a stage of the cedar-apple rust fungus, they have plenty of potential to spread the fungus to crab apples, hawthornes and other plants.

Rain causes the galls to produce bright orange tendrils from which fungus spores are blown to nearby crabapples. During summer, orange blotches on the crab apple trees blemish foliage and cause severe leaf drop. Handpicking the galls will help control the disease.