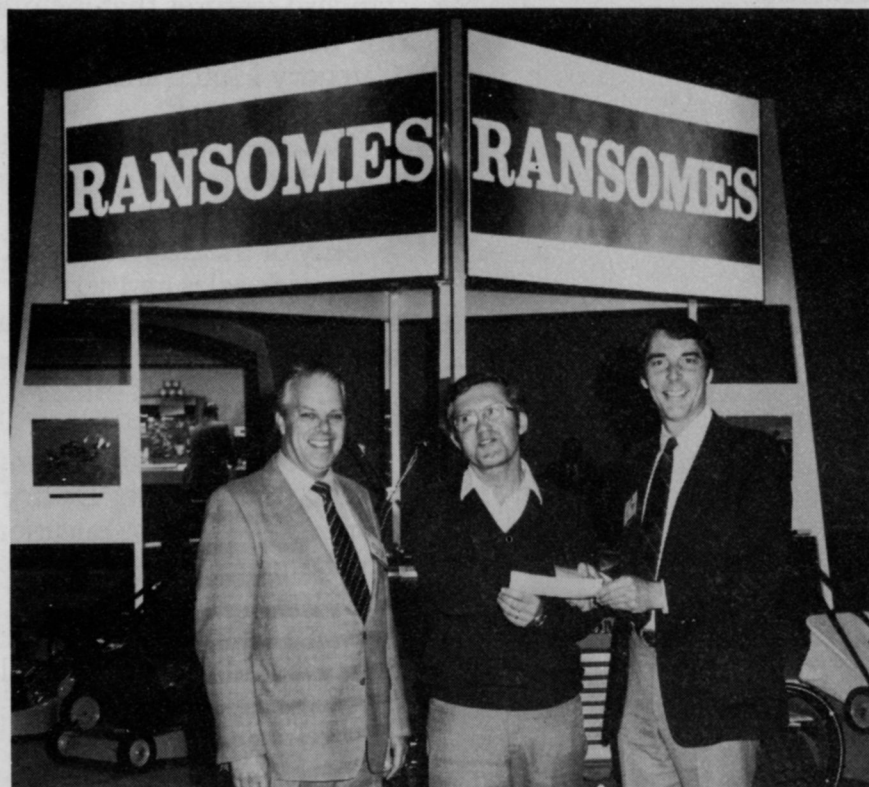


GREEN INDUSTRY NEWS



\$1000 is handed to Keith Scott (center), superintendent at Oak Ridge Country Club, Hopkins, MN, by **WTT Sales Manager Jim Brooks**. Scott was the top prize winner in **WTT's "Long Green Sweepstakes"** at the Golf Course Superintendents Association of America Convention in New Orleans. Looking on is Ransomes' **John Wilson**, grass machinery sales manager, at whose booth Scott registered for the sweepstakes.



The \$500 prize went to **Gary Stafford**, GCS at Cardinal Golf Club, Greensboro, NC. Stafford signed up at the Stauffer booth.



The \$250 prize went to **Paul Latshaw**, GCS at Oakmont Country Club, Oakmont, PA. Latshaw registered at Safe-T-Lawn booth.

ASSOCIATION

California green industry assembling educational coalition

In a recent meeting, selected members of the California green industry discussed the possibility of arranging general meetings of industry members on a large scale. The proposed sessions would give industry members a periodic chance to share and disperse information.

At the preliminary meeting in Sacramento, participants from the California Association of Nurserymen, California Landscape Contractors and the Department of Parks and Recreation recommended that the attending groups be made up of individuals who are representative of an entire segment of the industry rather than smaller, or local, groups. The conferences would also be limited to participants within the state.

Tentative plans called for the participating groups to submit a written report of their activities prior to the meetings and then follow it up with a presentation. The meeting would also serve as a forum for the exchange of publication lists and educational program information.

FERTILIZER

Milorganite cadmium warning eased

The Milwaukee Metropolitan Sewerage District soon may weaken its warning against using Milorganite fertilizer on gardens. The amount of cadmium in Milorganite, which led to the warning, has been cut in half.

Since 1926, the waste water treatment plant has made Milorganite from sewage that has been treated and dried. In 1978, the district placed this warning in a prominent position on Milorganite bag advertisements.

The cadmium level in Milorganite, previously linked to kidney damage, has fallen because the district is requiring industrial plants to treat

Continues on page 12

GOLF

UPDATE

Long Island superintendents elects officers

New officers and directors for the Long Island Golf Course Superintendents' Association were elected at the group's annual meeting. The new officers are: Peter Bass, Hauppauge Country Club, president; Richard McGuinness, Woodmere Club, vice president; Robert Matthews, Fox Run Country Club, secretary; Peter Ruggieri, Inwood Country Club, treasurer.

New directors are: Charles Brett, Nassau Country Club and Robert Kamp, Pine Hollow Country Club. Continuing as Directors are Joseph Alonzi, Huntington Crescent Club; Hank Heddesheimer, Cherry Valley Club; and Greg Vadala, Southward Ho Country Club. Edward Fufaro, Fresh Meadows Country Club, will serve as Past President and Ann Reilly will serve as Executive Secretary.

During 1982, the L.I. Golf Course Superintendents' Association will be involved with educational programs, golf, the Invitational Tournament, assistance to scholarship and research, publication of a newsletter, and establishment of a working club relations committee. L.I.G.C.S.A. is also co-sponsor of the 14th Annual Turf and Plant Conference held at the Colonie Hill Country Club.

NGF Workshop set for Disney World

The 1982 Golf Course Management Workshop will be held Nov. 28-Dec. 1 at the Americana's Dutch Resort Hotel in Lake Buena Vista, FL. The Workshop site is located in Walt Disney World Village Hotel Plaza. The four-day event will be sponsored by the National Golf Foundation for the eighth consecutive year.

The general sessions will feature outstanding speakers addressing topics of vital concern to golf facility owner/operators. The concept of roundtable discussions, so well received last year the Pheasant Run, IL Workshop, will again be held for public, private and municipal course representatives.

The 1981 Workshop proceedings are now available in a 50-page report. All Workshop attendees and speakers will be sent complimentary copies of the proceedings. The report also is available by request from NGF headquarters for \$25.

149 golf courses open in 1981

According to National Golf Foundation research, 149 golf courses opened for play in the U.S. during 1981. This represents a 13% increase over the 132 course openings reported during 1980. The leading states reporting course openings in 1981 were Florida with 26, California 10, Texas 9, Arizona and Michigan 8 apiece, Minnesota and Wisconsin 6 apiece, and Colorado, New York and South Carolina 5 apiece. These 10 states accounted for 59% of the total new course openings.

For the second straight year, Florida emerges as the nation's leader in combined course openings, construction starts and prospects with 84 in 1981 and 76 in 1980. California is second with 30. The only states not reporting some activity in golf course development during 1981 were Alaska, Delaware, Rhode Island and South Dakota.

Approximately 78% of the new private course openings in 1981 were part of planned real estate developments. Fifty-six percent of the new daily fee facilities were also associated with land development ventures. Fifty-eight of the 149 courses opening were additions to existing facilities, while of the 118 new construction starts in 1981, 53 were additions.

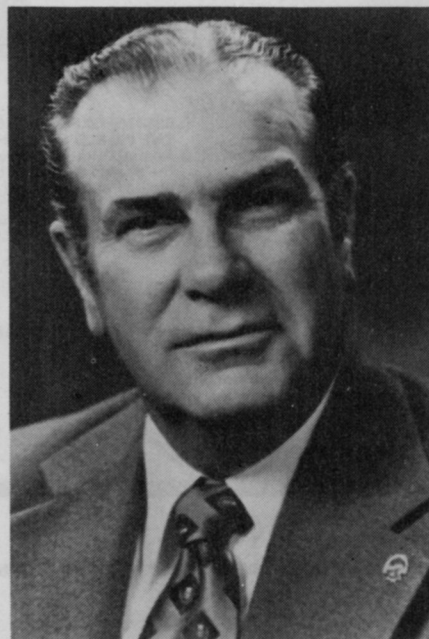
cadmium-laden wastes before flushing them into the sewer system.

The staff is now proposing that Milorganite bags be redesigned to include a "notice" rather than a warning about possible danger.

By law, Milorganite is classified as a specialty fertilizer for non-farm use. Its sales constituted about 10 percent of the U.S. market for fertilizer last year, about 60,000 tons.

EQUIPMENT**Jacobsen's Thomas to head expanded sales and service programs**

Roger Thomas, vice president of sales for Jacobsen Division of Textron, has been named to direct a new program for the expansion of domestic and international sales of all Jacobsen products.



Roger Thomas

Thomas has also been assigned the responsibility for all parts sales, all field service activities, technical publications and Jacobsen's product training center at Racine, WI. He is a veteran of 34 years with Jacobsen.

According to Jacobsen President John Dwyer, Thomas' promotion will be in line with an addition of new products that will be unveiled in the fall of 1982. Jacobsen's new products will respond to the changing requirements, specifications and expectations of its domestic as well as its international markets. "Roger Thomas has many years of experience with turf grasses

Continues on page 14

NLA/GCA clinic mirrors business needs

The 1982 Landscape/Garden Center Management Clinic held at the Galt House, Louisville, KY, attracted over 500 attendees. At the clinic, sponsored by the National Landscape Association and the Garden Centers of America, participants and speakers agreed that increased attention to business management and marketing can turn 1982 into a good year for the industry.

Clinic observers noted that education sessions focusing on personnel and financial management techniques and other business topics were well attended. One of the well received innovations of the clinic was the buzz sessions where attendees have the opportunity to ask questions, share knowledge or clarify an opinion expressed by the speakers during the day's sessions. Jack Siebenthaler, horticultural consultant; Leroy Hannebaum, landscape consultant; and Frank Lester, management consultant, all took part in buzz sessions following their seminars.

Other highlights of the meeting included presentation of NLA Residential Landscape Awards, GCA Display Awards and recognition of GCA's Tenth Anniversary.

Design courses offered in Arizona

The Arizona Landscape Contractors' Association is sponsoring courses in residential landscape design, landscape construction details and advanced landscape drawing. The courses are open to professional contractors, landscape architects/designers, college students and swimming pool designers and will be offered July 22-31 in Scottsdale, AZ.

The three courses are part of a nationally recognized program offered annually since 1973. This year the program will also be offered in Pennsylvania and Ohio. Each course is limited to 60 students and will be taught by members of the Ohio State faculty. Instructors this year are Jot Carpenter, chairman of the landscape architecture department and former president of the American Society of Landscape Architects; Fred Buscher, OSU Cooperative Extensive Service; and Norman Booth, landscape architecture faculty.

Forty-four landscapers pass exam

Although a complicated, six-step application process prevented many landscapers from taking the test, 44 of 50 who sat for the first National Council for Interior Horticultural Certification exam passed. The exam was held during the Interior Plantscape Association Convention last year in St. Paul, MN.

Even with the 88% success rate, the general feeling among exam-takers was that it was more difficult than expected. NCIHC Chairman Donald Gammon noted a general comment was that the questions in the review manual were easier than the actual questions. Horticulture questions make up 35% of the exam, design 15%, business 20%, and maintenance 30%. Minimum levels have been established for each section and anyone scoring below the minimum on any section fails the exam.

Besides passing the exam, candidates must be approved by a majority vote of the nine-member NCIHC board of governors before being certified. Certification exam applications may be requested from the National Council for Interior Horticultural Certification, P.O. Box 17148, Washington, DC 20041.

and turf care machines," said Dwyer. "He and his people are looking forward to broadening our distribution line of heavy duty products with these new product introductions later this year."

Jacobsen centralizes equipment shipping

Dealers of Jacobsen lawn and garden care equipment are now able to receive delivery within a week after placing their orders, due to the recent completion of a new base distribution center in Memphis, Tennessee. According to John W. Shriver Jr., executive director of product distribution, the new facility will reduce out-of-stock conditions, processing, shipping, and delivery times.

The new structure is able to hold 100,000 lawn mowers. That capability, combined with computerized administrative support services and high speed fork lifts, enables the orders that are processed throughout seven regional distribution centers to be shipped within 48 hours.

BUSINESS

Southwest best manufacturing climate

A report released by the Alexander Grant and Co. accounting firm and the Conference of State Manufacturers Associations (COSMA) rates the southwestern states as the most conducive area in the U.S. for business. Florida, Texas and Colorado were the top three states, individually, in the ranking.

The regions that exhibited the worst climate for businesses were the New England Mid Eastern and Great Lakes States.

The data was compiled from replies by 38 state manufacturers associations. In their answers, the associations first weighted the factors as the relative importance of each to the region. Each state was then scored for the factors.

The most recent survey calculated the rankings by using 22 business factors, rather than the 18 that had been compiled last year. Five categories of factors included local and state government fiscal costs, availability and productivity of the labor force and state regulated labor costs.

The state and local fiscal policies were judged by the amount of state and local taxes, the rate of change in taxes, the state's expenditure growth vs. its

Continues on page 16

Budget exterminating pesticide programs

President Reagan's firm resolve to decrease the regulatory burden where he feels the federal government has intruded excessively and unnecessarily has hit hard at EPA and USDA pesticide regulatory programs. In fiscal year 1983, EPA pesticide activities would be cut by \$3 million and 84 employees from the 1982 figures of \$51 million and 661 employees.

The new administration hopes that streamlining product reviews, reducing time on registration and tolerance applications and new management reforms will result in more work being done with less money and staff. Reductions are more drastic in USDA. The Animal and Plant Health Inspection Service plans only minimal funding for the imported fire ant, boll weevil, gypsy moth and pink bollworm programs and no funds for golden nematode, grasshopper, West Indian sugarcane root borer, noxious weeds and witchweed programs. Revoking federal domestic quarantines for many of these regulated pests (gold nematode, gypsy moth, pink bollworm and witchweed) is under consideration.

The U.S. Forest Service cuts will spell the end of the federal cost sharing suppression programs aimed at chronic pests. The service is slated to lose 1751 positions and eight research facilities. Priority would be given only to protecting Federal lands and timber resources from major outbreaks of pests leaving state and private interests to protect their own lands.

Congress directs change in mower regs.

The U. S. Congress has directed the Consumer Product Safety Commission to change its safety standard for certain walk-behind power lawn motors. These are the rotary types in which the cutting blade stops within three seconds after the operator releases the handle and the engine stops. If the mower's starting controls are within 24 inches of the top of the handle or if there is a protective foot shield completely around the mower housing, they will meet the safety standard and can be marketed. These features will provide adequate safeguards for the feet and the hands of the user. About 77,000 injuries occur each year from contact with the blades of walk-behind mowers.

Pesticide use survey in Pennsylvania

Commercial nurseries are known to use pesticides extensively but there being only limited information available it is informative when a survey comes to light. Recently Pennsylvania State Extension Service interviewed 167 nurseries in seven southeastern counties of the state. The nurseries owned about 8,000 acres with about half of that in field production and only 20 acres under some type of structure.

Only 20 nurseries used about 800 pounds of rodenticides, mostly Warfarin and zinc phosphide and one nursery accounted for 300 pounds. There were no nematocides and only 39 pounds of the fumigant, methyl bromide. 65 nurseries (39%) used no herbicides—most of them growers with less than 20 acres. Over 1100 pounds of post emergence herbicides were used with glyphosate (Roundup) accounting for 61% of the total. Almost as much Simazine (47%) was used as all of the other 2 tons of pre-emergence herbicides. It has been the basic material in nursery weed control programs for many years. There were only 25 cases of crop injury with herbicides. Over 7600 pounds of insecticide were used with the top three being carbaryl, malathion and Diazinon.

Of particular interest to me was the result that the Extension Service was the primary factor (38%) in the selection of pesticides by the nursery men. Previous experience, salesmen and other growers represented 42% of the responses.

revenue growth, debt and welfare costs.

The availability and productivity of the labor force was estimated by assessing the amount of vocational education in the state, totalling the number of manhours lost and the average hours worked in a week. State regulated employment costs were figured using unemployment compensation, unemployment, net worth, maximum workers' compensation payment and the workers' compensation rates. The labor cost estimations utilized a combination of hourly wage, the change in that wage and the cost of unionization.

Other manufacturing costs were taken in to account such as energy costs, environmental controls, population density and the change in population.

CHEMICALS

Garnett to manage Chipco Products

Jerry Garnett, from May and Baker Division of Rhone Poulenc in the United Kingdom, has been named product manager for Chipco turf and landscape products.



Jerry Garnett

Jerry will move to Monmouth Junction, NJ, from the U.K. Before joining May and Baker, Garnett spent ten years launching new products for Fisons, now BFC Chemical.

Lebanon promotes Mengle, four others

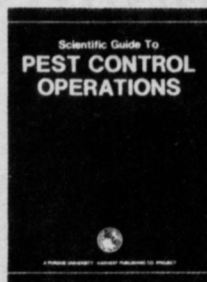
Lebanon Chemical Corp. recently announced five new appointments to their staff.

Paul Mengle was promoted to sales

Continues on page 18

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is planned for October 1982 with product back on the market by January 1983.

Although the product will lose its patent protection in 1984, Diamond Shamrock elected to invest more than \$20 million in reconstruction.

NURSERY

C.A.N. offers plant identification slides

Plant identification slides have been developed by the California Association of Nurserymen, Sierra College, Cal Poly and their Certification Committee. Designed as a study aid for prospective California nurserymen, the collection includes almost all of the plants in the Retail Nurseryman's Manual.

The 380 slides each depict a tree or a shrub in the landscape, a closeup of the branch or stem, and another closeup of the fruit or flower. Groundcovers and bedding are shown on single slides.

Both C.A.N. members and non-members can buy the slides by contacting Elaine Thompson Publications and Certification Director for C.A.N.

Two promotions at Amfac Garden

Two new senior vice presidents have been named at Amfac Garden. A nursery division of Amfac's Horticulture group, it produces turf, foliage and ornamental plants.

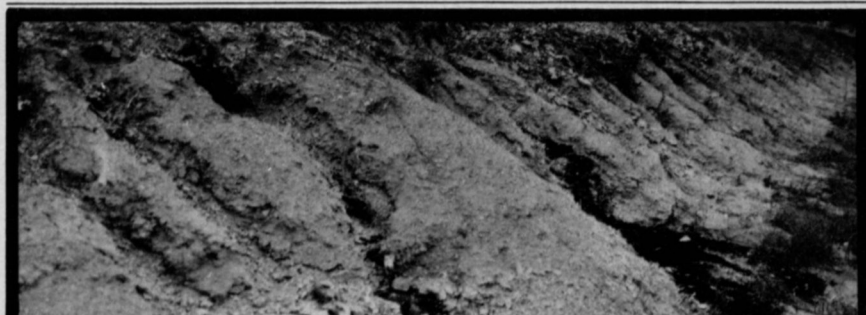
William C. Rowe is now the senior vice president of operations where he will assume responsibility for Cac-Turf, Perry's and Hawaii operations. Rowe is a CPA who left Arthur Anderson in 1974 to join Amfac.

The senior vice president of sales and marketing is Ralph J. C. Evans who comes to this post from the office of vice president and general manager of Amfac Garden. Both men are headquartered and live in Ventura, California.

Proposed pesticide rule changes

Certain pesticides, not labelled for use on greenhouse crops, may become available to flower growers through a proposed EPA policy change. The Society of American Flower Growers, American Association of Nurserymen, and the National Association of Forest

Continues on page 84



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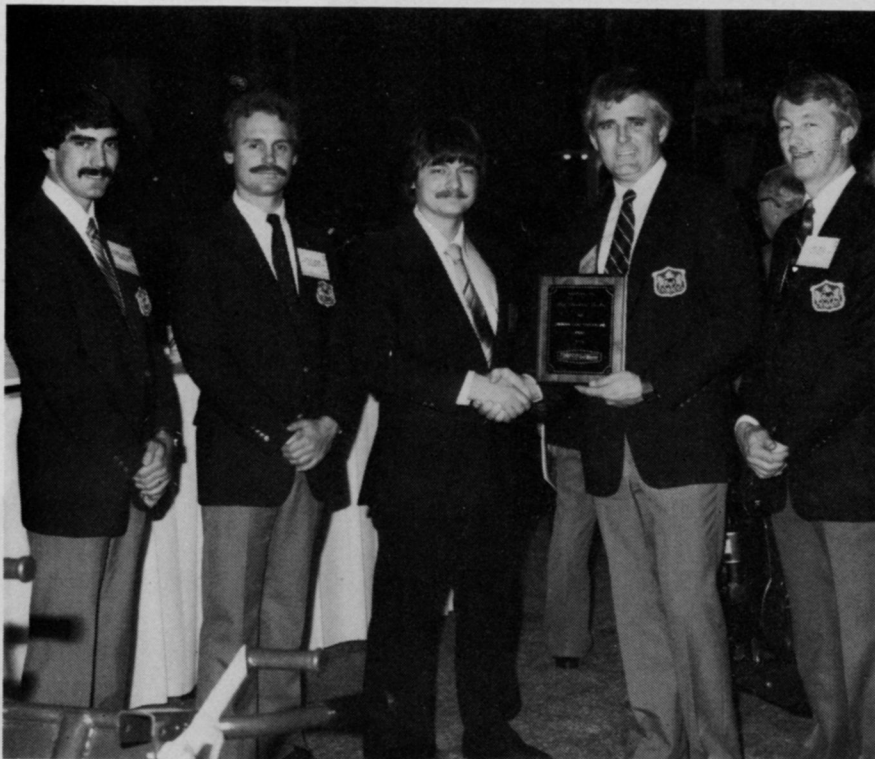
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Turfco/National Mower presented Boyd Distributing with its "Outstanding Sales Performance Award." Pictured are (left to right): Mike McPhilomy, Steve Hagan, Boyd; Scott Kaercher, Turfco; Larry Eggleston, Dan Boyd, Boyd.

Products are pushing the EPA to allow pesticides approved for use on food crops to be applied to non-food nursery crops.

Manufacturers have been prevented from registering these chemicals for non-food use because the high cost of testing is not borne out by the small market. But, as director of the SAF, Betty Sapp explains, "if a pesticide poses no unreasonable risk to man or the environment when applied to food or feed crops, then there should be no unreasonable risks when applied to nursery or greenhouse crops."

Because the products in question will not be tested by manufacturers on nursery crops, there will be a clause in the policy exempting the manufacturer from any damage inflicted upon specialty plants.

GOLF

Wolf from honored by Michigan supers

Clarence H. Wolf from has received the first Distinguished Service Award from

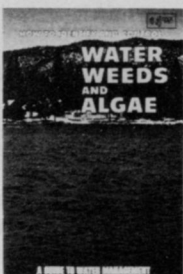
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the Michigan and Border Cities Golf Course Association. He was cited for over fifty years of service at the Maple Lane Golf Club.

Wolf from began at Meadowbrook Golf Course, in 1923 where he recalls moving rough and fairways with horses. He moved soon after to the Western Golf Club and then to the Jackson Masonic. Joining the Maple Lane Golf Club in 1931, he has since been involved in building and rebuilding most of the 54 holes.

SEED

Trumbull joins Oregon Fine Fescue Commission

Dan Trumbull has been named executive secretary of the Oregon Fine Fescue Commission. He takes over from Scott Lamb, who left to pursue personal interests.

In joining OFFC, Trumbull brings with him an extensive background in public relations and business management. OFFC is a state commission

funded by grass seed growers. "The purpose of the commission is to promote research and development of fine fescue," said Trumbull.

PARKS

Park Service tabs Tom Ritter

The National Park Service has named Thomas Ritter as the new assistant National Park Service director for park use and operations. This office has responsibility for ranger activities, visitor services, natural resource management and special programs.

Ritter is an 18 year veteran of the Park Service, and was most recently the superintendent of Voyageurs National Park, Minnesota.

IRRIGATION

Safe-T-Lawn names Dvorak sales manager

Nick Dvorak has been named sales manager for Safe-T-Lawn, Miami, FL.

Dvorak will assume responsibility for the marketing of all Safe-T-Lawn products.

A 20 year veteran of the irrigation industry, Dvorak started as an irrigation design trainee at Buckner Manufacturing. His most recent position was as vice president of sales and marketing at Royal Coach/Buckner Sprinklers.

RESEARCH

Noer Foundation okays \$14,000 in research grants

The Board of the O.J. Noer Research Foundation approved more than \$14,000 in turf research grants at its annual meeting during the GCSAA convention.

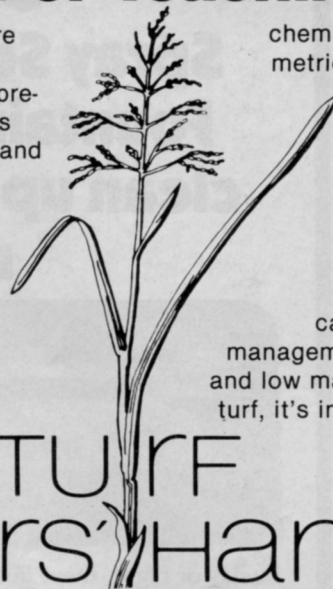
The Board approved an extension in funding to Texas A&M's Jim Beard for spring dieback research which has been stymied by unusually warm winters.

Nine new members, including Weed Trees & Turf Sales Manager James Brooks were approved for membership in the Noer Foundation.

Finally, An Aid For Teaching Turfgrass

Superintendents, Contractors, Lawn Care Managers, New, On-the-Job Reference. The Turf Managers' Handbook is a comprehensive, organized approach to turfgrass science and care. It has been designed and written by leading turf specialists from Purdue, Dr. William Daniel and Dr. Ray Freeborg, for on-the-job reference and as a text for students.

The book contains 150 illustrations and 96 color photographs. Data includes 240 tables and forms. Included are specifications for rootzones, employment, calculations for



chemical applications, and extensive metric-imperial conversion. Business and technical aspects of turfgrass management are covered in this 424-page book.

Planning, purchasing, hiring, construction, and plant selection are put together for easy on-the-job reference. Markets covered include lawn care, sod production, golf course management, cemeteries, athletic fields, and low maintenance areas. If it concerns turf, it's in the Turf Managers' Handbook.

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