

Train Asks for Support on Pesticides Issue

Environmental Protection Agency Administrator Russell E. Train called upon environmentalists to "rally together to fight" against current effort in the House of Representatives to weaken EPA authority in the field of pesticide regulation.

In a wide-ranging speech to the American Forestry Congress meeting in Washington on the 100th Anniversary of the American Forestry Association, Train called for a greater delegation of environmental responsibilities to State and local governments and for streamlining Federal Administrative machinery.

Train also attacked as "baseless" recent allegations in Congress and in the press and elsewhere that EPA's 1972 ban on DDT has any responsibility for the current outbreak of encephalitis.

"I have recently read several newspaper editorials which directly suggest that EPA and its 1972 ban on DDT bear major responsibility for the current outbreak of encephalitis—that we environmentalists are somehow to blame for the tragic deaths from this disease. One of these papers, the "Dallas Times Herald" is due credit for its honesty in subsequently stating: 'The editorial condemning the EPA for banning DDT was based on information which later proved incorrect. We regret the error.' The facts have not, however, deterred some members of Congress from making the same baseless charge on the floor of the House of Representatives or, indeed, the Secretary of Agriculture himself from repeating the same story on several occasions. What are the facts of the matter? First, DDT had largely been abandoned for mosquito control in the U.S. before the 1972 ban on DDT because mosquitos had become DDT-resistant. Second, EPA's 1972 DDT ban specifically excluded public health uses from the ban. Indeed, EPA has in recent months given permission for such use on several occasions (for example, on rabid bats) where requested by responsible health officials. We can act rapidly in such case. Third, at least ten products are registered and available for use against adult mosquitos, particularly malathion, and a good many more are registered for use against mosquito larvae. Against adult mosquitos, malathion is the product preferred by health agencies because of its superior knockdown power. Fourth, not a single health agency in the nation has requested the use of DDT in combatting encephalitis. Those are the facts."



From left: Dave Glenz, Dr. Fred Grau, Pat Fitzsimons and Bill Rose.

Golf Course Contractors Petition for Code Change

A petition to lessen the depth of underground low voltage cables in golf course irrigation is being filed with the National Fire Protection Association by the Golf Course Builders of America.

GCBA is urging 13 other trade groups in the golf and landscape industries to join them in urging that the present 24-inch is unnecessary for open spaces such as golf courses, parks, and recreation areas. Until

(continued on next page)

First West Coast Musser Tournament

The first west coast Musser International Turfgrass Foundation Golf Tournament was played at the Illahe Hills Country Club in Salem, Oregon, October 8, under rainy skies and with a turnout of 24 golfers and near golfers. Highlite of the one day event was the appearance of Pat Fitzsimons and Dave Glenz, fresh from the professional circuit, who lent their names to the tournament as a "good cause" event.

The Musser Foundation was established in honor of the late Professor H. Burton Musser for his pioneer contributions to the turfgrass field. The Foundation was organized with the express purpose of further developing turfgrass research and education through the establishment of Fellowships at institutions of higher learning.

Dr. Fred V. Grau, Turfgrass Consultant and President of the Musser Foundation, brought greetings to the field of golfers at a noon luncheon prior to an auction for the decided advantage of having either Pat Fitzsimons or Dave Glenz on six teams for six holes per team of the 18 hole tournament.

recently, underground control wires were buried 12 inches. The wiring activates valves and starts irrigation pumps.

Nick A. Siemens of Fresno, Calif., a golf course contractor and GCBA president-elect, is directing GCBA's action to change the national electrical code requirements. He has pointed out that golf course construction costs would increase because of the tremendous irrigation footage involved in the automatic irrigation system which requires from 10 to 40 miles of wire.

In addition to higher costs, Mr. Siemens says construction and maintenance hazards would result.

Formally, GCBA will ask the National Electrical Code Committee when it meets in December, to amend Exception 3 of Section 300-5 of the National Electrical Code to add golf courses to the exception now provided for residential branch circuits of 300 volts or less.

Harry J. Lambeth, executive director of GCBA's Washington office, urges other golf associations to join the effort.

Beard Plans Expansion For Texas Turf Industry

Increasing demands by both industry and the public sector on the care and maintenance of turfgrass as well as for the development of new turfgrasses has led to an expansion of the turfgrass research program at Texas A&M University.

Heading this expansion effort is Dr. James B. Beard who has joined the staff of the Texas Agricultural Experiment Station, the state's agricultural research agency. He will give leadership to the environmental physiology, ecology and culture of turfgrasses.

"Increased leisure time, emphasis on beautification and demands for environmental protection have caused a boom in the turf industry of this state," said Dr. Jarvis E. Miller, Experiment Station director, in announcing the appointment of Beard. "The annual cost of maintaining turfgrass facilities (lawns, parks, golf courses, highway right-of-way) in Texas is estimated at \$350 million.

"We must strive to develop better turf varieties and improved

management practices, and this means more research involving turfgrass nutrition, shade tolerance, insect and disease resistance, and organic residue decomposition," noted Miller.

Ohio Turfgrass Show Slated for Dec. 2-4

The keynote address at the Ohio Turfgrass Conference and Show on Tuesday, December 2 will be given by Melvin J. Rebholz, Deputy Director of Resource Management in the Ohio Department of Natural Resources. Mr. Rebholz will address the Conference on the Recreational Industry in Ohio, with particular emphasis on areas relating to the turfgrass industry.

A number of outstanding programs have been planned for the Ohio Turfgrass Conference, December 2-4, at the Cincinnati Convention-Exposition Center. They include an entire session on *Poa annua* for golf course superintendents, a session on the latest from EPA and FIFRA regulations, and a personnel management session. Speakers from outside Ohio include Lee Record from the USGA Green Section, William Knoop from the Golf Course Superintendent's Association of America, Dr. Fred Ledebauer of Loft's Pedigreed Seeds, and Dr. James Watson from The Toro Company.

The equipment and product show will again prove to be the greatest available outside of a National Show. Over 50 exhibitors and 100 booth spaces have already been committed. Plan now for the Ohio Turfgrass Conference and Show. Don't miss it.

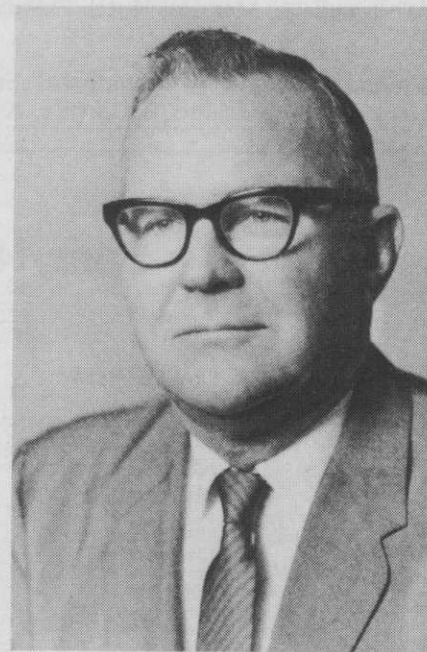
If you are involved in turfgrass management in any way, you cannot afford to miss this event. Headquarters hotel is Stouffer's Cincinnati Inn, 150 West 5th Street, Cincinnati, Ohio 45202, (513) 721-8600. Registration is \$10 for OTF members and \$20 for non-members. More details are available from Dr. David P. Martin, Ohio Turfgrass Foundation, 1827 Neil Ave., Columbus, Ohio 43210, (614) 422-2591.

Hawaii Turfgrass Assoc. Meets, Elects Officers

August 28th and 29th, 126 men and women gathered at the Ala Moana Hotel to exchange ideas for making Hawaii landscapes and golf courses more colorful and less expensive, during the 11th annual conference of the Hawaii Turfgrass Association.

In addition to electing a new slate of officers for the coming year, HTA members heard speeches from a variety of experts on subjects related to plant care and landscape maintenance. The convention also features six booths displaying the latest in turf grass products and irrigation equipment offered by Brewer Chemical, Occidental Chemical, Kuluwai Irrigation, Hodges Industries, the Inter-Island Equipment Company and the Thompson Products Company.

The new HTA board is: Walter Nagorski, president, Army Golf Association superintendent; Lindy Loo, vice president State Department of Accounting and General Services; William Hurter, secretary, B. Hayman Co., Inc. marketing representative; Robert Wood, treasurer, Hawaii Loa College chief maintenance engineer; Jim Barr, executive secretary, Occidental Chemical marketing representative.



Walter Nagorski, president.

Top 100 Products Award Goes to Dow's N-Serve

N-Serve nitrogen stabilizer has been selected among the 100 most significant new technical products of the year in the annual "I-R 100" competition sponsored by "Industrial Research" magazine.

An award was presented to Dow Chemical U.S.A. at a formal awards banquet at the Museum of Science and Industry in Chicago, September 18, as the event launched a month-long exhibit of "I-R 100" award winners to the public.

N-Serve nitrogen stabilizer provides a new concept in fertilizer management and conservation.

Faced with fuel and fertilizer shortages, everyone is concerned about saving trips over the grounds and making certain that every pound of fertilizer placed in the ground is fully utilized.

The recovery of fertilizer nitrogen by plants in the year of application amounts to about 50 percent. Biological transformations, losses by leaching and losses as nitrogen gas to the atmosphere are primary causes of this low rate of utilization.

N-Serve inhibits the action of the soil bacteria that rapidly converts ammonium nitrogen to nitrate ions preventing leaching from the soil and loss to the atmosphere.

Ohio Turfgrass Field Day Features Research Data

Ohio State University's 1975 Turfgrass Field Day offered a refreshing approach to the typical classroom-type turfgrass sessions.

On Wednesday, October 1, an estimated 100 turfgrass growers, managers, and golf course superintendents got a first hand look at work conducted by Ohio's top turfgrass researchers. The program was hosted by Ohio State's Department of Agronomy and Cooperative Extension Service, Ohio Agriculture Research and Development Center and the Ohio Turfgrass Foundation.

The field day consisted of a ten-stop program. Each stop highlighted current research in the areas of turf disease, thatch, localized dry spots on sand greens, turfgrass cultivar evaluations, insect control,

glyphosate and bluegrass cultivars under low fertility.

Dr. Dave Martin recommended, from his research data, a variety of cultivation practices for the control and elimination of thatch problems. His tests also involved several organic materials currently on the market for the control of thatch.

Most superintendents agree that Phythium blight was their largest turf disease problem this year. And

doctorate research by J. L. Saladini indicated that Phythium may be more of an unknown problem than superintendents realize. He stated that the fungus may be active in the turf root zone long before any typical symptoms are present. "Preliminary activity by this fungal disease causes considerable root loss thereby reducing the recuperative potential of the surviving turfgrass," Saladini said.

How to Make \$900 Profit*... And Get the Jump on Iron Chlorosis, too!



Here's a "triple-play" you can't refuse. Buy our Combination Bulk-Pak before Dec. 15 and we will give you 50 Mini-Caps absolutely free. THAT'S \$47.50 WORTH OF FREE MINI-CAPS. Total retail value of this special offer is \$183.40. If you are a commercial applicator you can realize more than \$900 in profit from the trees you can treat (see chart at right). No matter how you look at it you can't lose with this deal.

*If You're an Applicator Here's an Idea of What You can do with this Offer!

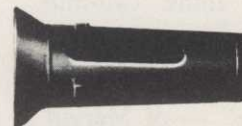
You can treat:

25 3" DBH trees @ \$17.50 ea.	\$437.50
16 7" DBH trees @ \$23.00 ea.	368.00
7 14" DBH trees @ \$34.00 ea.	238.00
Total Income	\$1,043.50
Cost of Goods (at retail) ..	135.90
Profit	\$ 907.60

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Builders Champ

Golf Course Builder John C. Floyd Jr., of Nashville, (right) receives the 1975 Moore Golf trophy from David Canavan, president of Moore Golf, Culpeper, Va., for his victory on the Grand Hotel's course at Point Clear, Ala., during the summer meeting of the Golf Course Builders of America. Floyd, who directs golf construction for Site Preparation Inc., defeated other contractor golfers and will hold the trophy until the 1976 GCBA tournament in Monterey, Calif. Canavan was the president of the Golf Course Builders of America.

Toro's Windom Employees Ratify 3-Year Contract

The Toro Company today announced that agreement has been reached with the employees of its manufacturing plant at Windom, Minn., on a new three-year labor contract extending through Sept. 30, 1978.

A Toro spokesman said that "a large majority" of the 475 employees concerned ratified the terms of the new contract yesterday before the expiration of the previous agreement. They are members of Local 1956 of the International Association of Machinists and Aerospace Workers. Local president, Emil Horkey, headed the union negotiating team.

In addition to a wage increase, the new agreement provides for improvements in holiday and vacation schedules and in insurance protection.

USDA Plant Permit Office Relocated to Hyattsville

Travelers or importers wishing to bring foreign plants, soil, or plant products (fruit or vegetables) into the United States now must send their applications for federal permits to a new address.

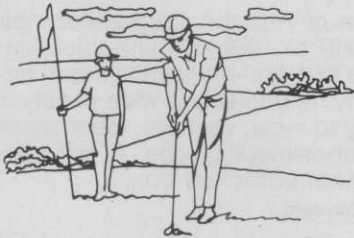
After 30 years in Hoboken, N.J., the five-person permit-issuing office of the U.S. Department of Agriculture (USDA) has moved to Hyattsville, Md. The move consolidates manpower and record-keeping at Hyattsville.

James O. Lee, deputy administrator of USDA's Animal and Plant Health Inspection Service, explained that permits are required under federal regulations designed to protect America's plant life from destructive foreign plant insects and diseases.

Horticultural Perlite...

The multi-purpose soil conditioner for turf, containers and propagation.

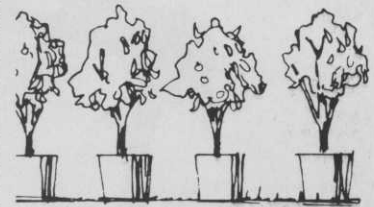
Professional landscapers and grounds maintenance men have long made Horticultural Perlite one of their main 'tricks of the trade'. It's an ideal soil conditioner that



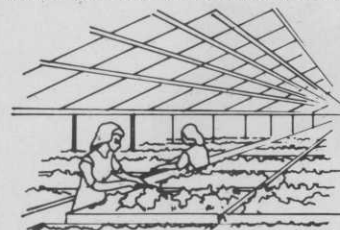
helps promote "a sea of green velvet". You see, by preventing compaction, it keeps the soil loose enabling more oxygen to reach and help nourish the root system. And because Horticultural Perlite also retains three to four times its weight in moisture, it keeps the root network moist long after watering. The result is a beautiful blanket of green growing on a thick healthy, robust root-system that not only keeps grass beautiful, but prevents **golf courses, institutional and campus**

lawns and residential lawns from getting soggy, mushy or soft underfoot.

Nurserymen find Horticultural Perlite practically indispensable for **container grown plants and shrubs** because of its ability to retain moisture, and to keep the mixture around the root environment loose. It is also a great "starting mixture" for transplanted stock as it helps reduce the incidences of transplant shock. And because Horticultural Perlite is sterile and non-toxic, it won't rot, decompose, disintegrate or break down. Nor will it help promote insect life. Being light in weight, Horticultural Perlite makes container moving light work and shipping costs a lighter expense. It's not only ideal for your plants — Horticultural Perlite is ideal for your business.



For **plant propagation**, Horticultural Perlite soil mix is almost as important as sunlight. Because of its water-retention characteristics, this mixture maintains an even distribution of moisture to stimulate fast root development in cuttings and to speed seed germination. Most important, by keeping the starting mixture loose, Horticultural Perlite permits a freer flow of oxygen to help nurture the new growth. This also makes transplanting easy; without root damage; and without undo shock. Horticultural Perlite is inert matter that can last indefinitely in your seed beds. It is sterile, odor-free and can't promote insects or bugs. It is a



great asset for the new beginnings of plant life.

Perlite Institute, Inc.

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