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eliminating several statewide programs in agriculture research and extension.

TREES

Davey forestry foreman seminar set for March

Hands-on training will be a key element in the Davey Tree Expert Company's 1983 Tree Care-Urban Forestry Foreman Training seminar. Sessions have been scheduled for March 21-April 1 at the Davey Horticultural Institute in Kent, OH.

The two-week program of lecture, demonstration and class participation in tree care maintenance operations is specifically designed for municipal, state, federal and institutional foremen, top trimmers and supervisory employees.

The format for the program is lecture, use of handout literature and reference books, audio-visual aids, demonstrations and student participation in the field. Classes will be 5½ days and two evenings per week. Student/instructor ratio will be 6 to 1 or less. Hands-on training is stressed and students are expected to perform the various functions and operate equipment under supervision. There will be tutors available nightly to assist students or for those desiring additional information.

Instructors for the program include:
- Ward Peterson, Senior Technical Advisor and Senior Climbing Instructor, teaching classes in climbing and tree care activities.

- Kenneth C. Miller, Ph.D., Senior Technical Advisor, will teach classes on insects and diseases and field diagnosis of tree problems.

- Richard E. Abbott, Vice President and General Manager, will teach the classes on appraisal skills.

- Roger Doucette, Operations Coordinator, will instruct the class on funding to the municipality by local, state and federal government grants and other money sources.

Subsequent programs will be June 6 to June 17, Sept. 19 to Sept. 30 and Oct. 17 to Oct. 28. Class size is limited to 12 students. Tuition for the two-week program is \$650 per student which includes reference books, handout literature, supplies, equipment rental fees, material for field operations and insurance.

For more information about the program or housing, call the Davey Environmental Services, 1-800-321-7572 or (216) 673-7352 or write 117 S. Water St., Kent, OH, 44240.

Sensation and its management would help Gilson increase its share in that growing market. Sensation hopes to expand its potential by drawing on the increased engineering, manufacturing and financial resources the Gilson Brothers Company can provide.

"We can now accelerate the development of new products and across-the-board we'll be able to serve our current customers even better than we have in the past," said Johnson.

The Sensation line of products will be produced at the Gilson Brothers Company's facility in Lexington, TN.

EDUCATION

Agricultural programs feel harsh budget cuts

Weed control and plant disease are two areas being hardest hit by budget cuts at the University of Idaho's College of Agriculture.

Budget cuts over the last year have necessitated the consolidation of six administrative units into three, reductions in on-campus instruction and additional cuts in research and extension work throughout the state, according to Raymond J. Miller, dean of the college.

"The College of Agriculture has only four people to deal with weed problems throughout the state," Miller said. "We have lost plant pathologists at a time when more attention should be given to the serious continuing problem of plant diseases in Idaho."

Clifton Anderson, associate agricultural editor for the university, said the turf and horticultural programs at the college have not been impacted as much as others.

"These programs were small to begin with," Anderson said. "We would not be able to maintain credibility if we cut them any more."

Because of the cutbacks in the 1982-83 budget, the College of Agriculture will undergo the following changes:

-The Department of Plant and Soil Science and the Department of Entomology have been combined as well as the Department of Animal Science and the Department of Veterinary Science.

-A new Department of Agricultural and Extension Education is being formed, combining the Department of Agricultural Education and the statewide 4-H program and adding extension education.

-All programs offered by the college are currently under reevaluation.

-In the UI Cooperative Extension Service, county programs are being realigned in order to eliminate in order to eliminate 10 staff positions.

-Additional savings are to be made by



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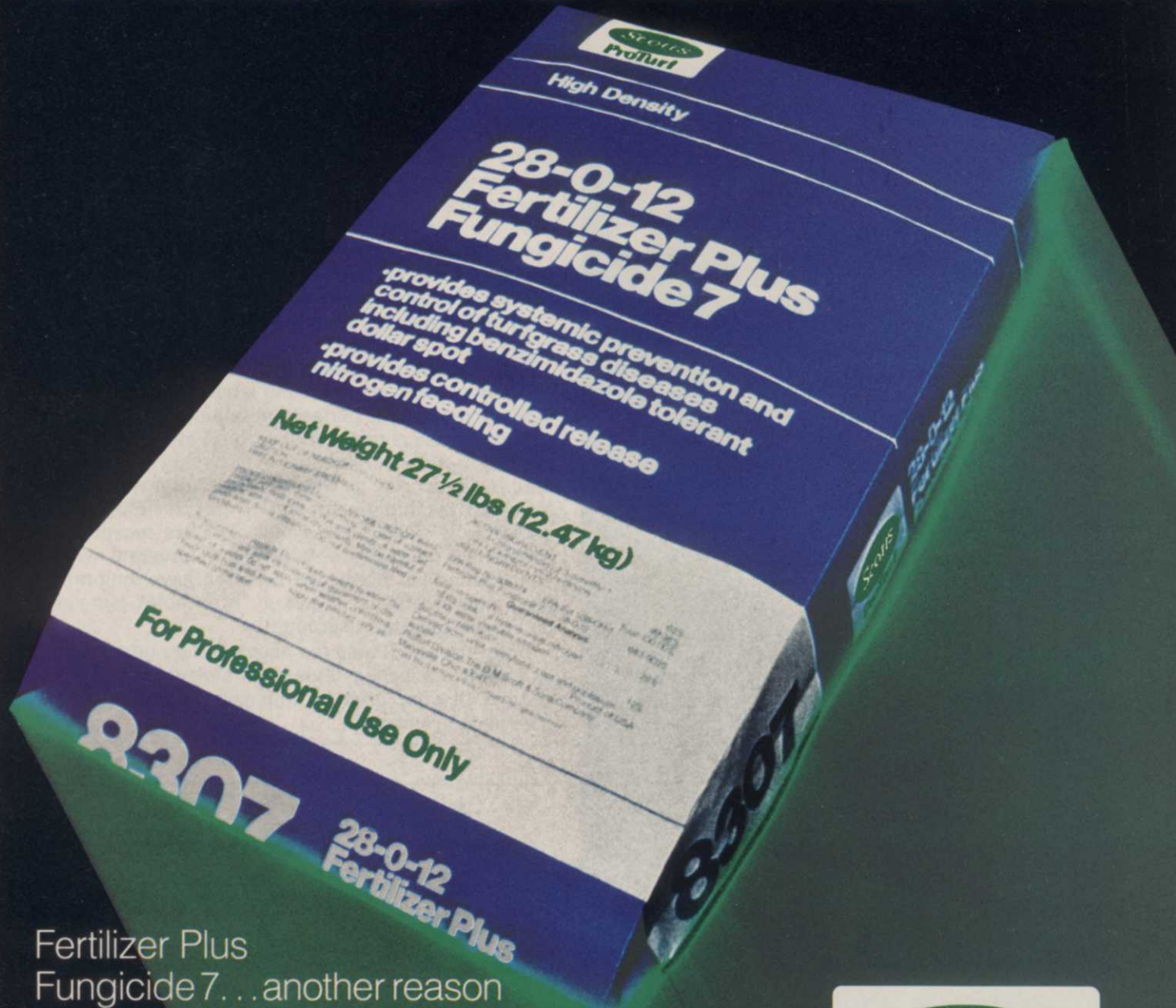
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Car Paths from page 50

fic bond) - Used at 2-3 inch depths, depending on ground. This is a very resilient material and does present some periodic weeding and edging problems.

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In formulating your paths, ground conditions and traffic patterns are two important considerations. If conditions vary, it would be in your best interest to have whoever is going to do the work walk the course to inspect the different areas needing to be dealt with. Many people feel paths should be installed on new courses only after the course has been open from six months to a year; allowing the superintendent to get a feel for the traffic pattern, taking safety and playability into account. Others feel paths can be designed along with the new course. On existing courses, the superintendent and pro will have a good working knowledge of traffic patterns and how they relate to that operation.

Cost factors to consider include: material cost, pre and post grading, material and labor, direct labor, machinery rental and budget limitations. A golf course can vary these considerations from having an outside contractor doing the whole job to having the superintendent and crew performing this improvement or using any combination of club to outside help that the budget will allow. Most contractors are receptive to providing you with the best overall program within your limitations. Some courses even have long range programs consisting of two to three holes per year, taking cost factors into account.

I hope you will take the above factors into account and contact a local golf course architect firm or other courses in your area to help you gain the specific knowledge you need. **WTT**



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their members what they're doing. They don't feel the members need to know. Pakkala believes in the exact opposite. He prefers to have his duties and projects in writing and keeping the membership well-informed. It is standard policy for Golf Force to submit a monthly report to the club on the superintendent's progress. (This is done less frequently during the dormant season.)

Pakkala believes the superintendents of today owe a debt of gratitude to the past generations of

superintendents. "We're in a better position to deal with management and members because of the older superintendents," said Pakkala. "Today budgets, salaries and research are better because of the groundwork they laid. The new guys coming out of the universities have really turned things in golf around with the way they maintain courses."

Larry Pakkala is one of those new guys. He likes challenges and that is one of the main reasons he joined on at St. Andrews.

While the club has the Nicklaus organization solidly behind it there is still much work to be done. "Nicklaus has developed a corporation that is designed to better golf," said Pakkala. "That is why he is involved with St. Andrews. The club has some ideal benefits. It is 20 minutes from Manhattan and two minutes from public transportation. We expect to appeal to the international business clientele of New York." He added that the club will probably sponsor a major tournament in 1988 to celebrate the centennial of golf.

St. Andrews is getting back on its feet and regaining the glory of being the oldest golf club in the United States. Larry Pakkala is a major force behind that effort and when it is completed, maybe he'll stay or maybe he'll go on to the next challenge. There might be a clue in this statement to WTT, "One of these days maybe I'll have a big, chunky budget, but I don't know if I could work with it." **WTT**

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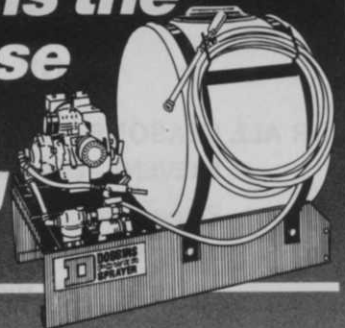
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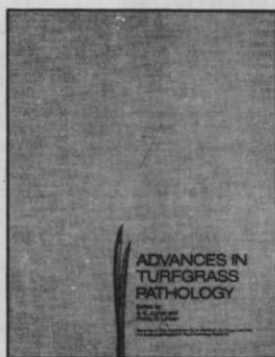
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