

GREEN INDUSTRY NEWS

GOLF

Small course cutbacks are greater

While golf continues to be one of the more popular sports in the country, golf course superintendents are doing a lot of belt-tightening to try to neutralize some of the adverse affects the beleaguered national economy is leveling on the industry.

The smaller budget courses seem to be shouldering the burden the hardest, with some of the larger, more financially stable country clubs riding out the bad economy.

A handful of the 12 superintendents across the country contacted by WTT see a brighter future ahead, but half foresee the economy remaining static for the rest of the year.

"Recreation dollars are one of the

first things people have to trim," says Garland Parsons, superintendent of Pine Valley Golf Club in Wadsworth,

"Recreation dollars are one of the first things people have to trim" — Garland Parsons, Wadsworth, OH

OH. "We're going to try to operate as we have been until things get better."

All of the superintendents contacted said they are keeping a very watchful

eye on all expenditures and most have cut back beautification programs and preventive maintenance to concentrate on curative measures.

Dwight Ladd, superintendent at Mooresville Golf Club in Mooresville, ID, has cut back fairway fertilization on his nine hole course to only once in the fall.

"This is a 'mom and pop' course and we just can't afford it anymore," he said.

One course in the Kanawha County Parks and Recreation District in West Virginia had its first layoff in the modern history of the course, according to its superintendent, James Taylor, Sr.

Continued on page 12

CHEMICALS

Chemical industry defies weak economy

From 1980 to 1982, the home and garden chemical industry enjoyed strong sales and expanding markets despite the sluggish economy, according to Don Sell, senior marketing research analyst for Ciba-Geigy's Spectrum Home and Garden Products.

The industry showed substantial gains in the sales of insecticides, herbicides and fungicides, particularly in the Northern states, according to a three-year survey of key retailers in major metropolitan markets throughout the United States.

"It appears that the poor economy was no deterrent at all to growth in the industry, which posted a 42 percent increase in dollar sales during the three-year period," said Sell.

Measured against the increase in the Consumer Price Index for the period, the figure represents a real growth of some 25 percent for home and garden chemicals.

Overall, outdoor insecticides and herbicides continue to account for some 75 percent of home and garden chemical sales," Sell said. "But indoor insecticides and fungicides showed the biggest growth during the period, each enjoying a 69 percent increase in dollar sales."

Sell said the biggest surprise was the outstanding sales performance by retailers in Northern markets, with Southern states showing more moderate gains. However, Southern markets held the lead in the sale of outdoor insecticides.

To assess the industry's sales trends, Spectrum's market research team audited a cross-section of garden supply stores and mass merchandiser chains

across the nation, recording changes in inventory between April and August in 1980, 1981 and 1982.

Spectrum markets multi-purpose Spectracide insecticides and 33 Plus herbicides for home lawn and garden use.

ACQUISITION

Gilson Brothers acquires Sensation Corporation

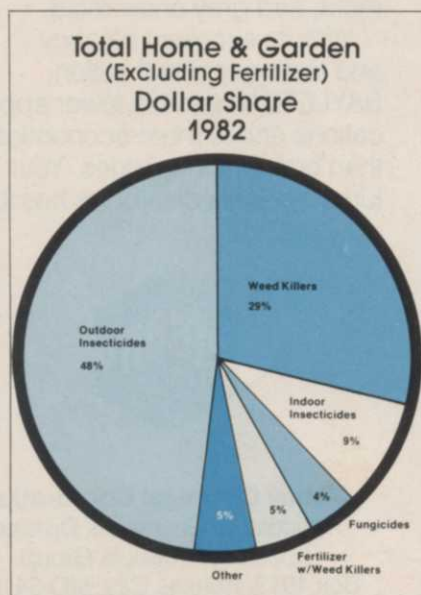
The Gilson Brothers Company of Plymouth, WI, has purchased the assets of the Sensation Corporation of Omaha, NE.

The announcement was made by Richard Blohm, president of Paragon Industries and Carl Johnson, president of the Sensation Corporation.

"Sensation will be a division of the Gilson Brothers Company and Carl Johnson, president, and John Kurtze, vice president of sales, and other key people will continue to operate Sensation on a 'business as usual' basis serving Sensation's customers as they have in the past," said Blohm.

Gilson is a leading manufacturer of outdoor power equipment and concrete mixers. It has recently acquired some companies who are geared toward producing products for the commercial market. Blohm said he hoped

Continued on page 92



GOLF

UPDATE

NGF's Rossi to retire

Don A. Rossi will retire from the National Golf Foundation effective June 1, after serving 13 years as its executive director.

Rossi, 64, has been on special assignment for the Foundation since Jan. 1 and will continue on a consulting basis after his retirement, according to NGF President Frank M. Smith Jr. At press time, there were no immediate plans to name a successor.

Many of the National Golf Foundation's ties with major golf organizations worldwide as well as in the U.S. have been credited to Rossi. In 1976, in conjunction with the British Golf Foundation, Rossi organized and participated in the first annual international golf development meeting in London. Rossi also played a role in the formation of the Allied Association of Golf "in order to have a better idea of what we (the major golf organizations) were doing so that we didn't duplicate efforts."

Rossi said he was especially proud of the development of the Associate Member program and the growth of the Golf Market Report. The Associate Member program has grown in 14 of its 17 years of existence while the Golf Market report, which reaches all NGF members, has kept pace.

"Will I be sad to leave the Foundation?" asked Rossi. "Unequivocally, yes. The Foundation begins a new era under Frank Smith and he has proven himself a dynamic leader. With Frank and our very golf-oriented Board of Directors, our future will be bright."

Berman is NCA president

Harold B. Berman has been elected president of the National Club Association, effective until the annual meeting in May 1983. The vacancy was created by the death of NCA President Sam M. Berry.

Berman has been a member of the NCA Board of Directors since 1974, and served as its vice president for four years. He is a past president of the Columbian Country Club of Dallas, Carrollton, TX, and serves on the Board of Directors of the Quadrant Club, Dallas, TX. Berman is past president and a director of the Texas Recreation and Sports Association.

A native Texan, Berman is president of the law firm of Berman, Fichtner and Mitchell of Dallas. His firm specializes in estate planning and probate, but also practices real estate, corporate and club law. As a member of the American Bar Association, Berman served as NCA's keynote speaker at the recent ABA meeting requesting that the group rescind its policy redefining private clubs as public accommodations. The rescission was voted on favorably.

Afaganis keynoter at CGSA show

Ernie Afaganis, CBC Television sportscaster, will be the keynote speaker at the 24th Annual Canadian Turfgrass Conference and Show March 13-16 at the Edmonton Inn, Edmonton, Alberta, Canada.

A native of Alberta, Afaganis has been golfing for more than 40 years, starting out as a caddy at the Old Country Club in Lethbridge.

Afaganis is in his fourth season as host of CBC Sports, "Sportsweekend" and has covered the Commonwealth Games in Brisbane. His golf show, "Par 27", seen in Alberta, is in its 19th year.

The 34th Annual Turfgrass Conference and Show will also feature more than a dozen experts from all segments of the turfgrass industry and a three-day trade show with the latest in turf maintenance equipment and supplies on display. For more information, contact the Canadian Golf Superintendents Association, 698 Weston Road, Suite 32, Toronto, Ontario, M6N 3R3, (416) 767-2550.

Larger courses, however, such as Lakeside Golf Club in Hollywood, CA, Woodmere Country Club on Long Island and Mariner Sands in Stuart, FL, are holding their own.

Mike Heacock at Lakeside said his budget will increase for 1983.

"We have tightened up on our procedures, though," he said. "We still buy anything we can justify. We've also gone to reclaimed water to irrigate, but more for conservation purposes than economic."

Richard McGuinness at Woodmere

"... We work on a dormant feed program and it's proven very cost-effective" — Mike Heacock, Lakeside Golf Club, Hollywood, CA

says his course has kept right in step with inflation.

"This type course (18-hole, private) is somewhat recession-proof," he said. We also have excellent maintenance procedures. We work on a dormant feed program and it's proven very cost-effective."

Mariner Sands is part of a real estate development and cannot afford to cut back any of its beautification plans because the course is the main selling point of the housing development, according to its superintendent Kevin Downing.

Superintendents are getting help from chemical suppliers eager to meet their supply needs economically.

Superintendents are getting help from chemical suppliers eager to work with them in meeting their supply needs efficiently and economically.

Jim Ross, superintendent at the Santa Teresa Golf Club in San Jose, CA for the past year, said the dealers he uses have been helpful in giving 90 to 120 days same-as-cash.

Robert Mitchell of Lockhaven Country Club in Alton, IL, said his suppliers are agreeing to "split deliveries."

"That way we can buy in bulk, but not have to store what we buy until we need it," Mitchell said.

Many superintendents who've never used growth retardants and select-

ive killers are now using them to try to cut even more maintenance corners.

Courses are still trying to make improvements within the boundaries of their budgets and many share the same feeling as Richard McGuinness of Woodmere.

Maureen Hrehocik, Associate Editor

HORTICULTURE

Raulston recipient of NC State Chadwick Award

J.C. Raulston, Ph.D., a professor of horticulture at the North Carolina State University/Raleigh, has received the L.C. Chadwick Educator's Award. The award, presented annually by the American Association of Nurserymen, recognizes outstanding horticulture instructors in the classroom and in the industry.

Raulston has traveled extensively compiling industry nursery techniques to use in his classroom instruction. He has developed a 430-page teaching manual on nursery production and management, which is used as a standard reference source. Raulston is active in the Student Horticulture Club

and is a lecturer on horticultural topics to the public and nursery industry.

SEED

Williamson names Doyle national accounts manager

Thomas J. Doyle has been named national accounts manager of the Eastern Region for Garfield Williamson, Inc., a lawn seed and fertilizer supplier in the Northeast. Doyle worked for 12 years with the O.M. Scott Company where he was Salesman of the Year for eight of the 12 years, has chain-store merchandizing and promotion experience and has worked for a major food brokerage firm serving the New York metropolitan area.

EQUIPMENT

Toro reports smaller loss in first quarter

The Toro Company reported a net loss of \$2.3 million or 48 cents per share on sales of \$32.5 million for its first quarter which ended Oct. 29, 1982.

The loss compares with a net loss of \$6.5 million or \$1.24 per share on sales of \$23.8 million in the first quarter the previous year.

The size of the loss was reduced by a non-recurring net gain of \$466,000 after tax resulting from the retirement of industrial revenue bonds in Mason City, IA.

Toro President Kendrick B. Melrose said he was pleased with the results from the first quarter which is historically the company's weakest.

"Our turnaround continues on schedule and I would expect the company to show a quarterly profit in the very near future," Melrose said. "However, we remain concerned about the softness of the consumer economy in all of the markets we sell."

Stephen F. Keating, chairman of Toro's Executive Committee, said the greatest factor in the 37 percent increase in sales was the increase in snowthrower business where sales improved from \$2.8 million in fiscal 1982 to \$11.4 million this year.

"We have had reasonably good retail movement of snowthrowers this fall," Keating said, "especially in areas that experienced heavy snowfall late last

Continued on page 16

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LANDSCAPE

UPDATE

Architects averaged \$31,700

The average salary of a recent American Society of Landscape Architects survey was \$31,718. Pacific region landscape architects have the highest income (\$34,507) and midwestern LAs have the lowest (\$28,566). Public architects make less than private and academic practitioners according to the survey.

The average woman in the survey had less experience, education and a much lower income, but not out of line with experience scales for men. Nine out of ten respondents in the survey were men.



Susan Gannelli of Lebanon, OH, and Dale Steadman of Westlake, OH, are instructed by Fred Buscher of the Ohio Agricultural Research and Development Center during the seventh annual landscape design short course held recently in Wooster. More than 1,400 in six states have benefitted from the seminars since 1976.

Gibbons nears PGMS presidency

Often the critical election for association officers is the president-elect rather than the president. This is true for the Professional Grounds Management Society who just elected Jim Gibbons, horticulturist for the San Diego Zoo, president elect. Fred Rigger of the Padonia Corporation in Cockeysville, MD, is president for 1983.

George Eib, superintendent of Forestry and Landscaping for Kansas City, MO, was elected vice-president. Mort Rolsky of Pro Care in Indianapolis, IN, was elected vice-president. Mort Rolsky of Pro Care in Indianapolis, IN, was elected treasurer.

NEWS from page 15

winter. Our distributor inventories are being worked down, and we are sold out of the new gas power shovel and several other snowthrower models at the factory level."

Toro's international business showed an improvement during the quarter and its irrigation business was off slightly.

Keating said the company is optimistic about the second quarter because of expectations for "reasonably strong" lawn mower orders based on heavy initial demand for the company's new line of 2-cycle engine walk mowers.

Toro is the nation's largest independent manufacturer and marketer of lawn care and outdoor maintenance products.



Russell Vandehey, left, an Oregon State University senior, receives a \$500 TUCO Turf Scholarship from Randy King, a representative of TUCO at the recent 36th Northwest Turfgrass Conference in Yakima, WA. The scholarship is awarded for scholastic ability, personal integrity and career interest in turfgrass management. TUCO is part of the Upjohn Company.

EQUIPMENT

OMC Lincoln announces sales contest winners

OMC Lincoln, manufacturer of the Cushman Front Line tractor-mower, recently announced the winners of a nationwide sales contest for its dealers' salesmen. To qualify, salesmen had to meet unit goals within a specified time. Winners were then picked at random.

First prize winner of the Caribbean cruise was Jerry McKee with Lawn & Turf, Inc., Conyers, GA. Second place winner was Jerry Adank, Illinois Lawn Equipment, Inc., of Orland, Park, IL. He will receive a trip to Atlanta, GA, coinciding with the annual Golf Course Superintendents Association of

Continued on page 18

UPDATE

EPA director speaks to OTF

Edwin Johnson, director of Pesticide Programs of the Environmental Protection Agency, told delegates of the Ohio Turfgrass Foundation Show in December that pesticide registration procedures have been adjusted and registration activity has increased. The result looks like more new fungicides, growth regulators, and insecticides in the near future.

However, Johnson indicated preliminary results of a pesticide user survey to golf courses show a much higher amount of pesticides per acre used than in agriculture or nursery. Such data could draw critical attention to the use of pesticides by superintendents in the future.

The fact that Johnson, a national figure who has served three administrations as director of pesticide programs, spoke at a state turf conference shows a greater involvement by EPA in state affairs and the increasing sophistication of state turf conferences.

Johnson said pesticide registration activity has increased by half due to efforts to catch up on backlogs, shorten turnaround, and meeting with manufacturers before they submit registration documents.

Johnson urged showgoers to take advantage of comment periods for hearings on legislation to get their views across. He cited an example recently where no comments were received from the nursery or forestry industries on legislation affecting them.



Followup shows fewer waste sites

A phone followup of a hazardous waste site permit applications found that a fifth of those sites were not actually handling hazardous wastes or were no longer in business. A second part of the application procedure will seek to better identify hazardous wastes stored on sites according to EPA.

Most waste handlers are small operations except for underground injection wells. However, landfills and incinerators are the primary off-site handlers of hazardous wastes. Only 125 facilities said commercial hazardous waste management is their primary business. EPA originally identified 9,863 facilities to survey and the phone followup says only 7,800 of these handled hazardous waste in 1981.

Tax loss limit may cut tree work

Effective January 1, 1983, casualty losses as a tax deduction are limited to 10 percent of adjusted gross income. This change, "will have a significant effect on the need for tree evaluations for tax purposes," says Robert Felix, executive director of the National Arborist Association. The need for evaluations and appraisals for insurance purposes remains.

America Show. Third place winner of \$500 in cash was John Barry with Sawtelle Brothers, Swampscot, MA.

LANDSCAPE

20 colleges attending ALCA Field Day

Richland College in Dallas, TX will host the Seventh Annual ALCA Student Field Day, scheduled for March 25-27. Over 20 colleges have already planned to participate in this year's events.

The ALCA Student Field Day is a three-day competitive event among students from horticulture programs from colleges and universities across the country. Students have a chance to compete in events which are directly related to the skills necessary in the horticulture industry. The students are also able to meet professional landscape contractors.

For more information, call Richland College at (214) 238-6314 or ALCA at (703) 821-8611.

TURF

Golf, lawn care highlighted at Penn. Turfgrass Show

Educational sessions in Golf Management and Lawn Care and Grounds Maintenance will highlight the 1983 Pennsylvania Turfgrass Conference & Trade Show, Feb. 28 to March 3 at the Hershey Lodge & Convention Center, Hershey, PA.

The General Sessions Monday afternoon and Tuesday will include discussions on gypsy moth, aerial application of fertilizer and pesticides, the turfgrass seed industry, urban turf management, toxicology, cemetery maintenance, use of microcomputers, ornamental maintenance and turf management at the Greenbrier in West Virginia.

Wednesday and Thursday's programs will offer separate sessions for golf turf and lawn care and ground maintenance. Golf turf sessions will focus on sand injection of greens, sand selection, managing turf under moisture stress, fairway renovation, disease research, winter injury to perennial ryegrass, insects on golf courses, colonial bentgrass breeding, nitrogen uptake and high temperature stress.

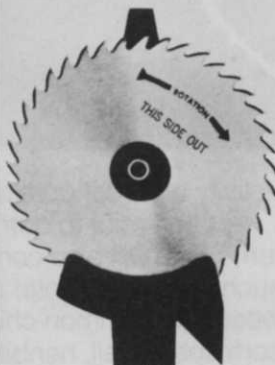
The lawn care and grounds maintenance sessions will feature presentations on pre and post-emergent weed control, stadium and practice field

Continued on page 84

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management, high school athletic field maintenance, customer turnover, identifying pesticide injury, troubleshooting lawn problems and sprayer maintenance.

Also on Thursday morning, a special General Session will be devoted to presentations on aquatic weed control and pond management in the environment, pH and pesticide stability and growth retardants.

Pre-registration is \$45, registration at the door is \$50 and includes educational sessions and admittance to the Trade Show. For more information, contact Christine E. King, Pennsylvania Turfgrass Council, 412 Blanchard St., Bellefonte, PA 16823.

CHEMICALS

Diamond Shamrock tags Mitchell for V.P.

Kenneth P. Mitchell has been named vice president of the Specialty Chemicals Group of the newly-formed Chemical Unit of Diamond Shamrock Corporation, a Cleveland-based commodity and specialty chemicals operation.

Mitchell joined Diamond Shamrock

in 1964 as a salesman. Prior to his new position, he served as vice president/general manager of the Process Chemicals Division. In his new capacity, Mitchell will be responsible for the company's agricultural chemicals, animal health process chemicals and metal coatings divisions, as well as Duolite International.

SEED

Walkiewicz tapped for ASA presidency

Charles Walkiewicz, vice president of Vaughan-Jacklin Corporation, Bound Brook, NJ, has been elected president of the Atlantic Seedsmen's Association. The trade association represents the lawn, garden, farm seed and allied industries in the Northeast United States.

Walkiewicz began his 35 years in horticultural distribution as a billing clerk with McHutchinson & Co. He worked with William H. Neiman & Co. as general manager in charge of operations and when it was sold to Vaughan's Seed Company in 1971, he transferred there as assistant to John Vaughan, working his way up to his

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WTT 23

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present position of vice president.

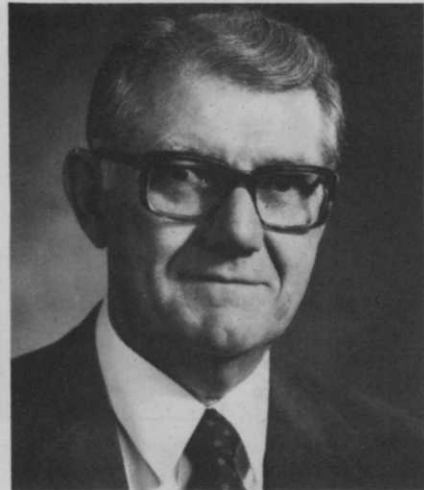
He has been trustee, treasurer and past president of the New Jersey State Florists Association, past chairman of the New Jersey Ornamental Horticultural Advisory Board, past trustee and treasurer, and is currently president of the New Jersey Flower & Garden Show and a member of other trade associations.

TREES

Brogan named to Lewis Tree Service presidency

Philip J. Brogan has been promoted to president of Lewis Tree Service Inc. in Rochester, NY.

Since joining the company in 1970, Brogan has been manager of the Syracuse Branch office, overseeing all residential, municipal and utility tree



maintenance crews. In 1978, he was promoted to executive vice president for the Lewis Tree Service, Inc. and was responsible for marketing, customer relations and company-wide safety programs.

He is a registered landscape architect in the state of New York, an active member of the International Society of Arboriculture, past president of the New York State Arborist Association, ISA Chapter, and current secretary-treasurer of the American Society of Consulting Arborists.

TURF

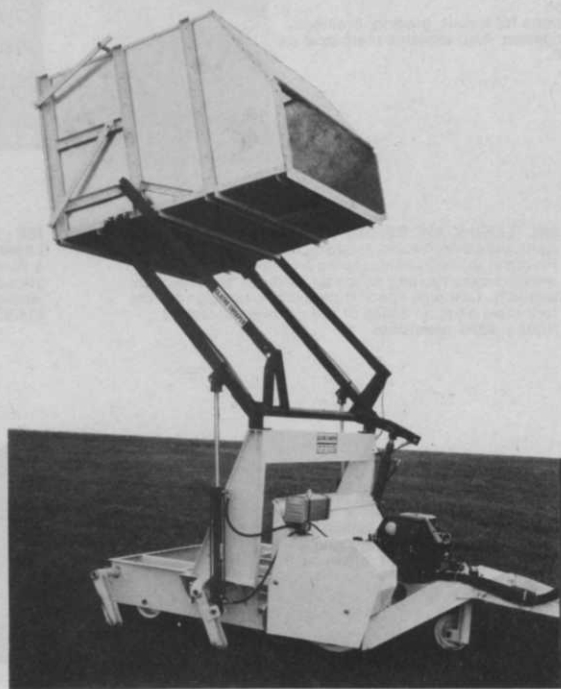
Turf-Seed's "Midnight" rated No. 1 in bluegrass

In a progress report recently issued by the United States Department of Agriculture, Beltsville, MD, Midnight Kentucky Bluegrass was rated the top variety among 84 entries. First year quality ratings were taken from 26 lo-

Continued on page 90

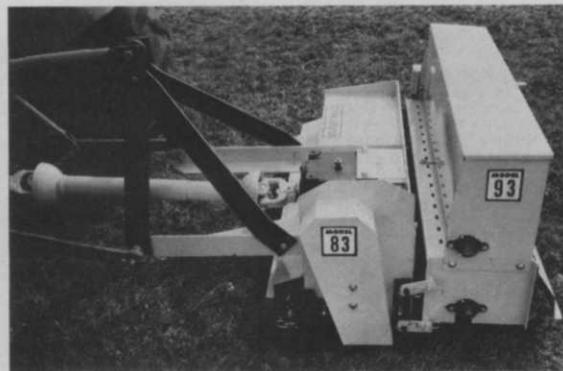
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NEWS from page 85

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Midnight's most unusual characteristic is its dark, blue-green color. Its overall disease resistance, density and wide range of adaptability contributed to its first-place rating. Midnight is recommended for use in sod production, lawns, golf courses, parks, and athletic fields. It is a product of Turf-Seed, Inc., Hubbard, OR. The 1982 crop production is nearly sold out. Availability will improve in the fall. For more information, write or call Turf-Seed, Inc., P.O. Box 250, Hubbard, OR (503) 981-9571.

The Specialty Products Group was formed last year to market Mobay's expanding list of chemicals to the professional turf and pest control fields.

Allen Haws, Manager of Specialty Chemical Sales for the Specialty Products Group, says, "We're finding out exactly what our customers want and need. Based on our research results so far, we're focusing on their application, packaging and information problems."

HORTICULTURE

HRI to publish new horticultural findings

The Horticultural Research Institute will publish "The Journal of Environmental Horticulture" early in 1983.

Edited by Dr. Thomas A. Gretz, head of the Department of Horticulture at Virginia Polytechnic Institute and State University, the Journal is designed to rapidly communicate relevant research findings to a broad readership in the nursery and scientific communities. Papers considered for publication will be reports of original research, either basic or applied, and review articles related to environmental horticulture. Each article will include a non-technical summation of how the information presented will be of value to the nursery industry.

"The Journal of Environmental Horticulture" will be a quarterly publication after its introduction early next year. Regular subscription prices will be \$25 a year. Contact the Horticultural Research Institute, 230 Southern Building, Washington, D.C. 20005.

CHEMICALS

Stauffer Chemicals selects ad agency

Stauffer Chemical Company of Westport, CT, has chosen Barker Campbell & Farley for the advertising and sales promotion of its Agricultural Specialty Products. The Virginia Beach, VA, based ad agency will represent products including Betasan crabgrass control, Devrinol pre-emergent weed control, Vampan fumigan, Imidan tree insecticide, Aspon turf insecticide, and others. Barker Campbell & Farley organized their horticultural and agricultural group in May 1982. J. Robert Stiffler, senior vice president of the agency, will be the account supervisor.



American Association of Nurserymen Governor John Chiapelone, left, of Burlingame Garden Center, Burlingame, CA, presents a \$1,570.53 check to AAN Executive Vice President Robert Lederer. The check from the California Chapter of the AAN will go toward the Horticultural Institute's Endowment Fund Founder's Grant. The gift will be added to the \$9,050 already contributed by individuals, business firms and associations to the Founder's Grant. Earnings will be used to support the HRI Endowment Fund's operating expenses.

CHEMICALS

Mobay goes nationwide to talk to customers

Mobay Chemical Corporation, Specialty Products Group, of Kansas City, is currently conducting nationwide interviews of pest control operators, golf course superintendents, landscape architects and commercial lawn care operators to refine its knowledge of the specialty chemicals market.

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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