

GREEN INDUSTRY NEWS

California landscape show will go national in 1982

After the tremendous success of this year's Landscape Industry Show — 6,150 attendees and 200 exhibitors from all over the U.S. and overseas — the California Landscape Contractors Association has decided to make the 1982 show national. The 1982 show will be called the National Landscape Industry Show.

The 6,150 people attending the show, an increase of 23 percent over the 1980 attendance, included 2,660 registered as contractors. Hundreds of others registered as architects, designers, maintenance personnel, and parks/recreation personnel from various city, county, and state agencies.

The 200-plus exhibitors from the U.S. and Britain covered the entire exhibition hall of the Long Beach Convention Center. They represented plant materials, spas, financial services, light and heavy equipment, insurance services, irrigation and landscape supplies, decorative supplies, tools, and communication services.

During the final day of the show, exhibitors signed up for 71 percent of the space that is available for the 1982 National Landscape Industry Show, scheduled for April 29-May 1 at the Long Beach Convention Center. An expansion of the exhibiting time to three

days should allow more opportunity to travel and shop the floor.

This year's show opened with a ribbon cutting ceremony by Long Beach Mayor Eunice Sato assisted by committee representatives from the California Landscape Contractors Association who sponsored the show. The opening night, March 26th, was highlighted by the upbeat sounds of the wandering Mariachi Band.

On Friday morning those who were judged to have the most appealing exhibits were awarded trophies. The

winners were: Stone-Age Creations of Orange, CA, in the 10x10 booth category; Hydro-Dig, Inc. of Anaheim for the 10x20 booth category; and C & E Lumber, L & S Stakes, and Nightscaping for combining on the 20x20 booth for the second straight year. Marlin Industries of Huntington Beach, CA, won the open space category.

For information on the new National Landscape Industry Show, contact David Concannon at the CLCA headquarters, 1419 21st St., Sacramento, CA 95814, 916/448-2522.

PESTS

Budworm outbreak hits 143 million acres

The current outbreak of eastern spruce budworm, now in its seventh year, exceeds 143 million acres in the United States and Canada, according to Dr. David Thorud, director of the Northeastern Forest Experiment Station, USDA Forest Service.

Losses of spruce and fir timber are conservatively estimated to be 7.8 billion cubic feet, Thorud said. Recent research by the Canadian Forestry Service indicates that even if the outbreak were to collapse now, losses from the death of weakened trees may still triple in the next three to five years.

Two approaches are currently used to cope with the pest: aerial application of chemical and biological pesticides to protect trees; and expanded salvage efforts. A demonstration project in Maine led by station scientist D. Gordon Mott, University of Maine scientist John Dimond, and a project management group composed of industrial, private land, and state forest managers, showed that if pesticides are applied in conjunction with harvesting substantial savings can result. Pest managers in Maine saved more than two million dollars in 1980 by applying these principles, said Thorud.

The Canada-United States Spruce Budworms Research and Development Program (CANUSA) sponsors the proj-

ect. The U.S. and Canadian forestry agencies conduct their own research and the Northeastern Station, which administers the eastern CANUSA program, sponsors a competitive grants program. Since the program started in 1978, a total of 46 investigations have been initiated at 16 universities, according to Thorud.

CHEMICALS

Mobay launches group with 2 new products

The Agricultural Chemicals Division of Mobay Chemical Corporation has announced the formation of the Specialty Chemicals Division to direct the promotion and distribution of two new products, Bayleton systemic turf fungicide and Oftenol insecticide for white grubs. These new products will be combined with the company's Dylox, Sencor, Baygon, and Dasanit to serve the professional turf market.

Bayleton is a newly released fungicide for turf and ornamentals which has the advantage of extended control periods, up to 28 days. This length of time is more in line with routing for lawn care and landscape contracting firms. Researchers have recognized that fusarium blight control is high. The wettable powder should now be arriving at distributors.



Officers and directors of the American Society of Consulting Arborists selected for 1981-82 are: front row (l. to r.) Jack Kimmel, Ontario, Canada-secretary-treasurer; Arnold Webster, Iowa-vice president; John Duling, Indiana-immediate past president; Edwin Irish, Michigan-president-elect. Back row: Jack Siebenthaler, Florida-director; Edward Collins, New York-director; William Griffin, California-president; Erik Haupt, Massachusetts-director; and Kenneth Funk, Ohio-director. Dr. Spencer Davis (not shown) was reappointed executive director.

LANDSCAPE

CONTRACTOR NEWS

IPA and ALCA/ILD discuss mutual efforts

The two major national trade associations for the interior landscape field, the Interior Landscape Division of ALCA and the Interior Plantscape Association, met for two days in early May to discuss potential areas of cooperation.

John Shaw and Carol Felix, executive directors of ALCA and IPA respectively, and five other association officers made plans to form a permanent liaison committee. It was the first time the groups have come together and they will now meet three times a year near Washington, D.C.

Areas of possible joint effort include: establishment of this permanent liaison committee; endorsement and continued cooperation in the programming of the National Tropical Foliage Short Course; support for the National Council for Interior Horticultural Certification; mutual member discounts at educational seminars; mutual promotion of educational activities; joint sharing of resource personnel; establishment of a mutually developed, industry wide code of ethics; and cooperation on association projects and publications.

Nurseryman-contractor relation explained

The interaction between the wholesale nurseryman and the landscape contractor will have a major impact on the future of the industry, according to a new publication, *Crystal Ball Report IV: Landscape Contractor & Nurseryman*.

The report gives six goals which frame the future of the industry, analyzes the relationship between the two businessmen, notes problems seen in relationship by groups, and develops directions for improving relationships and easing industry into the best operating position in the future. The Associated Landscape Contractors of America prepared the report with the assistance of the American Association of Nurserymen. Copies are \$10 each from ALCA, 1750 Old Meadow Road, McLean, VA 22102.

Milwaukee Technical wins student field day

With the home field advantage, Milwaukee Area Technical College defeated five other schools at the fifth annual ALCA Field Day held in early April. The students of the two-year program also did a fine job of organizing and running the event.

Mississippi State ran second in the competition and Ohio State took third. Oklahoma State, Michigan State, and Ohio Agricultural Technical Institute also competed. For its victory, MATC received a plaque and traveling trophy, which it retains until next year's event.

The competition included a landscape design problem, cut and fill estimating, maintenance estimating, small engine troubleshooting, indoor plant identification, woody plant identification, rope and saddle tree climbing, a dump truck obstacle course, landscape construction, Bobcat operation, and mower operation. Jim Bakke was student chairman and John Schaeffgen was faculty advisor to the student club.

First joint show held in North Carolina

Nurserymen, landscape contractors, and landscape architects got together for the first time in Charlotte, NC, to discuss mutual challenges of the future. The event attracted nearly 1,000 businessmen and 140 exhibitors in an astonishing first effort.

News from page 8

Oftanol is an insecticide which has performed well in research trials for white grubs. This insecticide does not need to be watered in as do insecticides which get tied up in thatch. The five percent active granule applied in mid-July can provide season-long control of grubs and surface feeding insects. Oftanol will be available in July and only in 20 or more eastern states. The insecticide is applied at 40 lbs. per acre for turf. A federal label is pending and the product will first be labelled under state local needs labels.

CONFERENCE

Arboriculture society meets for 57th annual

The annual conference of the International Society of Arboriculture, scheduled for August 9-12 at the Boyne Mountain Lodge near Boyne Falls, MI, should provide the latest information for those working in the profession.

Theodore Haskell, general chairman, and local ISA members, have selected "A Tree ISA Thing of Beauty" as the theme. The program will update all phases of tree care at a time when managers know their current problems and equipment deficiencies and can take answers home with them.

A large array of commercial products and equipment for the tree care industry will be displayed and demonstrated. Educators and researchers will hold a concurrent meeting to exchange views on current education and research programs. Top-rated tree climbers throughout the U.S. and Canada will compete in the sixth annual jamboree contest.

For more information, contact: E. C. Bundy, ISA Office, P.O. Box 71, Urbana, IL 61801.

UNIVERSITY

Virginia Tech names Fretz as hort head

Thomas Fretz has been chosen to head the Virginia Tech Department of Horticulture. He assumes responsibilities from C.L. McCombs, who has served as department head since 1971.

Fretz begins his role at Virginia after heading the horticulture department at Kansas State University since 1979 and, previous to that, serving as associate professor at Ohio State University. He has been editor and publications chair-

GOVERNMENT

UPDATE

man for the American Society for Horticulture.

Fretz received his undergraduate degree in agriculture from the University of Maryland in 1964. He achieved his master's and doctorate at the University of Delaware.

NEW GROUP

Wisconsin organizes turfgrass association

The Wisconsin Turfgrass Association, which held its organizational meeting last fall, has set its first aim at establishing a more comprehensive research turf program specifically for Wisconsin growing conditions and problems.

Plans are underway to work closely with the University of Wisconsin, School of Agriculture, to upgrade turfgrass research in the State of Wisconsin. Dr. Gayle Worf, University of Wisconsin extension plant pathologist, has agreed to organize the initial research efforts.

Initial members represent sod production, golf course maintenance, landscape contracting, lawn care, and other allied turf fields. Membership is open to any person or organization interested in improving Wisconsin's turfgrass program.

For information and applications, contact Tom Harrison, 1218 Winn Trail, Madison, WI 53704.

NEW GROUP

Massachusetts forms forum for pesticides

A forum of people interested in a rational approach to pesticides has organized in the state of Massachusetts to disseminate accurate, unbiased information to the public.

Members of the group, Rational Approach to Pesticides, are involved in the everyday application or distribution of pesticides for protection against insects, rodents, diseases, weeds, and nematodes. Officers are planning to discuss their goals with the state's governor and other legislators.

The following state associations are members of R.A.P.: Associated Landscape Contractors, Golf Course Superintendents Association, Arborist Association, Association of Professional Foresters, Farm Bureau Federation,

Continues on page 51

Gorsuch Gets Nod for Top EPA Post

Despite early grumbling that Colorado lawyer Anne Gorsuch was not qualified or sensitive to the environmental cause, both Houses unanimously approved her nomination as well as the nomination of her deputy John Hernandez.

EPA insiders believe Gorsuch will direct a total reorganization of the agency and say she is greatly influenced by Secretary of the Interior James Watt, who has already established a record scorned by some environmentalists.

Responding to questions from the Senate Committee on Environment and Public Works, Gorsuch said she was committed to regulatory reform, finding the least costly options, giving states more of the responsibility and more incentive, and changing the image that EPA employees are "mad environmentalists."

Hernandez, a former dean of the New Mexico State University College of Engineering, also stressed increased environmental enforcement by states. He pointed out that the agency has highly qualified people who have too often been rushed to make determinations on scientific matters, thus wasting the agency's money and making decisions without adequate consideration of their economic impact.

NAA, PLCAA to assist in EPA urban study

The Environmental Protection Agency has solicited the assistance of the National Arborist Association and the Professional Lawn Care Association of America in a survey of urban pesticide usage. The associations will help in development of the questionnaire for the survey and their members may then be asked to participate in the confidential survey.

According to NAA, the data from the survey will be used for risk/benefit analysis, environmental monitoring, and improved registration and enforcement procedures. NAA also sent out a special mailing to members stressing the seriousness of following label guidelines and taking needed precautions to guard contamination of water, bird feeders, dog dishes, children's toys, and adjacent property. NAA must be communicating the signals it is getting from EPA.

Year extension of FIFRA likely at \$62 million

Both the House Agriculture Committee and the Senate Subcommittee on Agricultural Research and General Legislation are expected to approve legislation extending the Federal Insecticide Fungicide and Rodenticide Act to 1983 and extending the existence of the Scientific Advisory Panel to 1985.

Rep. Fithian (D-IN) voiced the need for additional funding to support states in applicator recertification and to maintain the current level of pesticide registration decisions. The one year program extension indicates a review of FIFRA implementation by EPA will take place before further funding is approved. The House bill has passed committee and the Senate bill will enter hearings this summer.

Elanco aquatic control has permit extended

An aquatic herbicide containing fluridone has received an extension for its experimental use permit from the Environmental Protection Agency according to Elanco. Tolerances for fluridone residue in fish have been established so fish from the test lakes can be consumed.

New fungicide enters registration process

Ciba Geigy Corp. has submitted an application to register TILT 3.6E, a member of the triazole family of fungicides, for rusts and powdery mildew in grasses grown for seed. This use is often a preliminary step to registration for turf uses. Ciba Geigy has been working on fungicides for extended control in turf. Bayleton by Mobay was recently labelled for 28-day control of diseases in turf.

Mosquito Control Superintendents Association, Nurserymen's Association, Tree Wardens & Foresters Association, New England Chemical Association, and New England Pest Control Association.

TRADE SHOW

Equipment exposition to display the latest

The International Construction and Utility Equipment Exposition (ICUEE), scheduled for Johnson County Industrial Airport near Kansas City, MO, will include the latest technology in utility service and construction equipment.

The 1981 exhibit on August 11-13 will contain telescoping and articulated cranes, aerial and digger derricks, underground construction equipment, and a number of other smaller tools and equipment related to utility service and underground construction industries.

This year's exposition will be the seventh and largest since 1966. For more information, contact: Rae Rupp, c/o ICUEE '81, Suite 1632, 333 North Michigan Avenue, Chicago, IL 60601, 312/332-2037.



President of the Maryland Turfgrass Council, John Strickland, presents a check for the MITF Turfgrass Research Fellowship Fund to Fred Grau, president of the Musser Foundation. The money came from the proceeds of the second annual Mid-Atlantic Turfgrass Booster's Tournament held last fall at the Baltimore C.C.

MARKETING

Group kicks off flower/plant promotion

Flower and plant producer associations from all parts of the country and abroad met in St. Louis recently to initi-

ate a research and promotion program for flowers and plants. Called Floraboard, the program focuses on market research, advertising, and promotion to spotlight uses of flowers and plants.

"These groups came to this meeting on March 11 to talk turkey," said Walt Preston, chairman of the Floraboard task force. Discussion by the twenty-eight associations represented centered on the role of producer groups in

the upcoming Floraboard program. According to the proposed Floraboard legislation, producer associations will be certified to select the nominees that will serve on Floraboard.

A high majority of the producer group representatives at the meeting indicated they would personally support Floraboard. More than a third of those present committed their associa-

Continues on page 54

"Sound Conditioned" M & M Brush Chippers

for... less noise... more efficiency

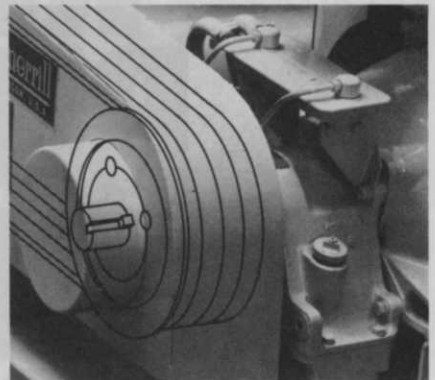


Applying engineering designs which "Sound Conditioned" our industrial scrap reduction machinery, Mitts & Merrill can modify our brush chippers for low noise levels. At the same time, those engineering features which have made Mitts & Merrill the leader for years have been retained.

*Copyright Mitts & Merrill, Inc., 1973, 1974, 1975. All rights reserved.

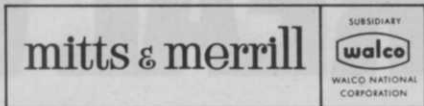


Staggered knife pattern, for years a Mitts & Merrill feature, has always resulted in a lower noise level. First, by segmenting the noise source. Second, through smoother cutting action. Third, by producing smaller chips.



Optional torque converters and the heaviest steel cylinder — even without an external flywheel — combine to give positive cutting action under the most rugged conditions. Isolates the engine from shock. Minimizes maintenance.

Plus • Positive safety-lock pin for greater operator safety • Swing-away, folding feed chute protects cutting chamber; allows instant access and increases maneuverability • Heavy duty construction includes coil spring, torsion-type suspension, and box tubular steel frame.



Dept. WTT 52, 109 McCoskry St., Saginaw, Michigan 48601

Circle No. 113 on Reader Inquiry Card

tion's support to Floraboard on the spot, based on earlier contact with their boards and membership. The remaining associations are committed to getting responses from their associations soon.

GOLF

Superintendents must analyze water use

Faced with severe watering restrictions, golf course superintendents must collect records of actual water usage and persuade governing bodies who allocate supplies, says Palmer Maples Jr., CGCS, Golf Course Superintendents Association director of education.

"If you are required to cut back by a certain percentage, it is vital that you know where your water actually goes," says Maples. Your records should be broken down into course areas, priorities, and a weekly and monthly schedule.

Next, Maples suggests establishing the impact of your golf course and those around you on the economy of your

area. It is very important that you be able to show that your golf course and golf community are industries, which, if severely curtailed, could cause a significant impact on the local economy in terms of jobs, taxes, and revenue loss. It is also important to show that the economic hardship would not be limited to one club or a group of clubs.

"Use the economic impact not as a hammer but as a base to seek changes in any unreasonable situation," says Maples. "Offer to do your part as other industries are doing theirs. This approach will demonstrate the concern of the golf industry and its readiness to cooperate in a time of restricted water use."

As the situation worsens, political action by superintendents may become a necessity. In 1977, golf courses in the Monterey, CA area were able to show that severe restrictions on watering would lead to wide-ranging economic hardships on the tourist-dependent local economy. And today, New Jersey golf course superintendents are spearheading two statewide coalitions aimed both at relaxing the restrictions and educating the public.



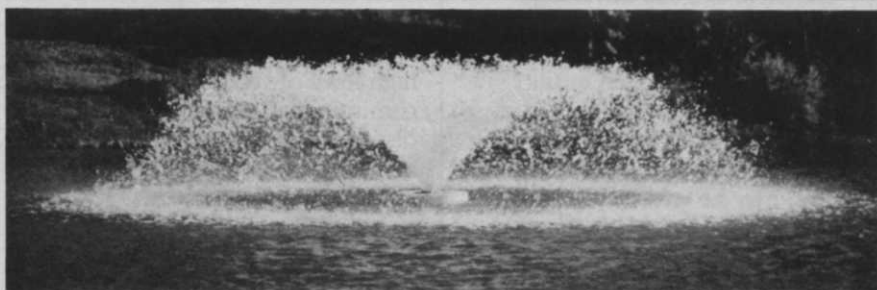
The National Arborist Association elected new officers and directors at its annual meeting. Seated from left to right are: Robert Mullane, secretary, White Plains, NY; Eric Haupt, president-elect, Sheffield, MA; Walter Money, president, Rockville, MD; Lee Lesh, vice president, Saratoga, CA; and Neil Engledow, treasurer, Indianapolis, IN. Standing from left to right: Bruce Walgren, immediate past president, West Hartford, CT; Robert Bartlett, director, Stamford, CT; Frank Harder, director, Hempstead, NY; William Owen, director, Portland, OR; and George Tyler, director, Amherst, NH.

AWARDS

Anheuser-Busch gets energy award

Anheuser-Busch Companies, Inc., has received the President's Award for Energy Efficiency for a project which daily recycles one million gallons of effluent from the company's Jacksonville brewery that were formerly sent to the city's waste treatment facilities. The liquid brewery waste, high in nutrients, is piped one mile north of the brewery to a 300-acre site, where it is used as a fertilizer in the growing of company-owned turf.

The land application project consumes 10 percent of the energy required by conventional waste water treatment. Furthermore, the use of nutrients in growing turf reduces fertilizer costs, as well as the amount of energy needed to produce fertilizer. Another advantage is that the brewery by-product streams supply the land with essential irrigation water.



**OTTERBINE
Spray Sculpture Floating
Fountains. Now you can
clean up ponds and lakes
naturally.**

These self-contained water quality improvement systems help you keep unsightly algal growth and objectionable odors under control naturally, without costly chemicals.

And their sparkling spray displays may dramatically change the natural beauty of your ponds and lakes.

For free information contact

**Otterbine Aerators
Barebo Inc**

RD#1, Main Street East, Emmaus PA 18049. 215-965-6018

Circle No. 107 on Reader Inquiry Card

**Perform a
death-defying
act.**

**Have your
blood pressure checked.**

Give Heart Fund
American Heart Association