

materials and methods which are being used against Dutch elm disease, according to Mauget.

Exact dates and locations will be mailed on request to interested persons.

Write: J. J. Mauget Co., P.O. Box 3422, Burbank Calif. 91504.

California Turf Exposition Set for January 29-30

A total facelift is in store for the 12th Annual Northern California Turfgrass and Environmental Landscape Exposition January 29-30.

The site again is the Hall of Flowers at the San Mateo County fairgrounds. A complete new floor plan has been developed and approved by exposition chairman Paul Albright and co-chairman Grady Simril which will provide 30 additional exhibit spaces.

Anyone interest in further information about the exposition can write P.O. Box 268, Lafayette, Calif. 94549, or call 415-283-6162

Green Chairman in Office Longer Aids Superintendent

Administrators and green chairmen should serve for a longer period with a vice chairman or second in line to provide a continuity of club policy without radical change, according to Charles Calhoun, consulting turf specialist.

He also says these administrators should familiarize themselves with the policies and practices of successful clubs by visitation or by attending meetings now and then to listen and ask questions.

"Overly frequent changing of green chairmen each often trying to install policy and practices he believes will solve all the problems of economics and at the same time offer better golfing is a problem," Calhoun said in the newsletter of the Iowa Golf Course Superintendents Association.

"Caught up in all this is the superintendent, who unlike the green chairman expects to hold a job for a reasonable length of time. Differences of opinion arises to a friction between superintendent and administrator and it is always the superintendent who goes, right or wrong."

Green Drainage Problem Solved by Nebraska Super

Maury Spence of Hillcrest Country Club, Lincoln, Neb., had difficult drainage problems on many of his 1928 greens, and his temporary solution to the problem may be of use to other superintendents across the country with the same problem.

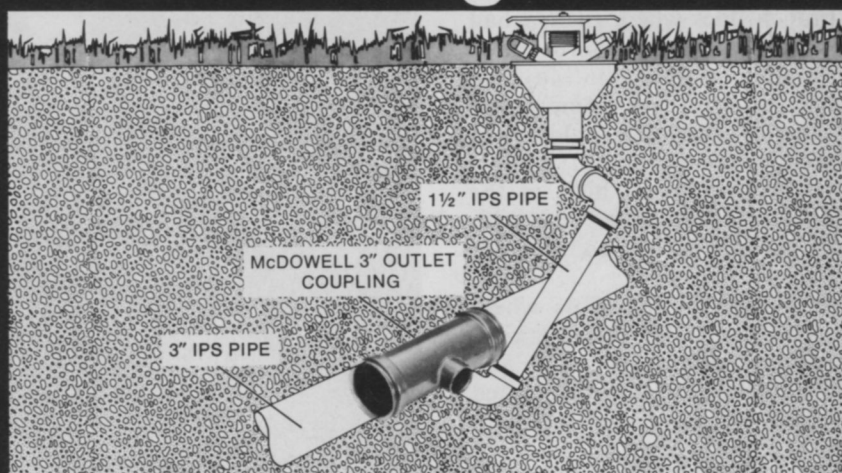
"In original construction the drain tile was placed 24 inches below the surface surrounded in a trench by rock," Spence said. "In exposing and inspecting the tile it was found to be clean and dry in most areas, suggesting the water had never reached it. Many of the greens have developed pocket areas which tend to hold water after a rain and stay softer than desirable from normal watering. The result on the smaller greens having this problem is thinning of the turf."

Spence said his club could not afford complete green construction, so an alternative temporary solution was worked out. He probed in his problem areas to locate the nearest

existing drain tiles. Then one square foot of turf one to two inches deep over the tile was removed. He then augered a hole about eight inches in diameter until the top of the tile was exposed, and cleaned the soil from the top of the rock surrounding the tile. Then he punched a silver dollar-size hole in the top of the tile, placed a two-inch layer of straw in the hole and a six-inch layer of pea gravel on top of the straw.

He then filled the hole with sand to the surface, flooded the hole to settle the sand and added more sand to reach the surface, and replaced the original turf. "I am happy to report that to date they are working much better than expected," Spence wrote in the newsletter of the Nebraska Golf Course Superintendents Association. "We have received considerable comment from the membership concerning the improved condition of the greens. Also, we have experienced two heavy rains since installation and these greens were the best-drained on the course."

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Vegetation Control Engineers Tour Herbicide-Treated Tracks

Seeing is believing! That's why Elanco Products Company invited railroad vegetation control engineers and railroad commercial application contractors to see results of demonstration plots treated with Spike 80W alone and in combination with a variety of weed-control chemicals.

The three-day tour began in Chicago at the Burlington Northern yard and mainline towpaths where a pre-emergence application of three pounds of Spike per acre had been made in early April. Tour takers observed the control of ground vegetation which greatly enhances ballast drainage and provides safer working areas for train and maintenance crews.

Chemical residual effectiveness was demonstrated at the next tour site in Kankakee, Illinois, on the Illinois Central Gulf branch line. Here, most of the plots had not been chemically treated since October, 1973, or October, 1974.

The group finished the tour in Lebanon, Indiana, on the Penn Central branch lines where Elanco had treated 27 different quarter-mile-long experimental plots in May and early June with post-emergence applications of chemicals alone and in tank-mix combinations. Also at this site, interest was high in the brush control experiment using 10, 20, or 40 percent Spike granular pellets.

On almost all the plots where Spike was used, Dr. Tom Perkins, Lilly coordinator, specialty and technical products research, rated the control for bluegrass, Canadian bluegrass, horsetail, ragweed, marehail, foxtail, spurge, and toad-flax as excellent.

Railroad personnel and commercial contractors left the tour with eyewitness evidence of Spike's residual characteristics and low-rate efficiencies and of the broader weed spectrum of tank-mix combinations. □



On the Lebanon, Indiana, Penn Central branch line, vegetation engineers and application contractors stop to make a thorough check of experimental plot results.



Foreground shows the results of an herbicide application made in May, 1975, compared to check area.

THE ASSOCIATIONS

Backbone of the Green Industry

American Association of Nurserymen

230 Southern Building
Washington, DC 20005

Robert F. Lederer, Executive Vice President

Officers: Palmer W. Bigelow, president; L. J. Hilscher, vice president; Ernest A. Tosovsky, treasurer; Henry A. Weller, John B. Wight, Jr., Ernest A. Tosovsky, Hugu Steavenson, L. J. Hilscher, Itsuo Uenaka and Louis Hillenmeyer, Jr., directors.

Members: 2,509

1975 accomplishments: Prime objective was to establish national recognition for the nursery industry through such programs as the following. National Landscape Awards — annual program to publicly recognize those firms making significant contributions to environmental improvement through landscaping. Nursery Industry Cooperatives Advertising Program — national marketing program to position nursery industry's products and services in mind of consumer through use of national advertising themes. Green Survival — environmental action campaign which emphasizes vital role of plant material in the eco-system. There is a strong emphasis on bicentennial planting programs that is officially recognized by the American Revolution Bicentennial Administration. Also includes a Green Survival City program which recognizes cities which have proven to be actively involved in environmental improvement. Public Information Services — expansion of this program to include monthly public service announcements on radio and newspaper packages. Other objectives in-

cluded cooperation with the U.S. Dept. of Interior's Johnny Horizon program and *My Weekly Reader* in green survival and education of youth to importance of plant materials; important legislative representation in Congress and federal agencies on wage-hour laws, OSHA, taxation, pesticides, energy, transportation, plant labeling, quarantines, federal research, postal rates, consumer affairs, farm labor, price and wage controls. The association also celebrated its 100 anniversary in 1975.

1976 goals: Expansion and improvement of all programs and activities, with heavy emphasis on bicentennial/green survival promotion activities and continued vigilance on all legislative activities to protect and enhance nursery industry position.

American Society of Consulting Arborists

122 Lakeview Avenue
Milltown, New Jersey 08850
201-821-8948

Spencer H. Davis, Jr., executive director

Officers: O. J. Andersen, president; F. Earle Martin, president-elect; William P. Lanphear, vice president; F. L. Dinsmore, secretary-treasurer; W. Roland Shannon, past president. Walter J. Barrows; Wilfrid Wheeler, Jr., Nat P. Dunn, Arnold H. Webster, directors.

Members: 150

1975 accomplishments: Acceptance by insurance services offices of our recommendation to raise payments on homeowners policies for tree losses. This increase effective the

first of this month in six trial states. The committee on shade tree evaluation completed the revision of the evaluation booklet which has been printed in cooperation with other associations entitled "A Guide to the Professional Evaluation of Landscape Trees, Specimen Shrubs and Evergreens." The membership is now present in 32 states, two Canadian provinces and in Brazil.

1976 goals: We hope that the Internal Revenue Service this year will accept our proposals to allow casualty loss claims on private properties based on value of trees as distinguished from the before and after valuation of properties as a whole. The allowance is now made for business properties and we are endeavoring to have the same consideration given to the private property owners. Would hope for the increased payments on tree losses on homeowner insurance policies in all states. A public relations program will be conducted in cooperation with other associations to obtain national recognition of the new shade tree evaluation methods recently set forth. We will try to obtain qualified members in the areas of the U.S. and Canada not presently served by ASCA members.

American Sod Producers Association

Association Building
9th and Minnesota
Hastings, Nebraska 68901
402-463-5691

Bob Garey, executive director

Officers: Norm LeGrande, president; Charles Lain, vice president; Glenn Rehbein, secretary; Tom Thornton, treasurer; Charles Davis, past president; Parker Shirling, E.

Backbone of the Green Industry *(from page 33)*

John Hope, Paul Florence, Jack Kidwell, board of directors.

Members: 268

1975 accomplishments: Annual mid-winter conference in Tuscon, Arizona attracted a record attendance. Summer field days and convention in July in Kansas City were likewise most successful events. Publication of a brochure which included summaries of federal regulatory agencies as well as interpretations of various state agencies on a number of subject areas which have ruled that sod production is within the definition of agriculture for regulatory purposes was compiled and distributed to the membership. Periodic reports regarding rulings involving the industry were also made available to the members. The office of legal counsel William Harding was utilized in quite a number of occasions by various members who encountered difficulties with regulatory agencies either at the federal or state level. Continuation of a nationwide survey to determine people actually in the sod production industry and extent of their operations. Membership roster was printed and distributed. Work was begun on a multi-colored brochure to be made available to the membership for uses in promoting sod and the use of sod and caring for sod. A logo to be symbolic of the national organization was in its initial stages.

1976 goals: Annual mid-winter conference set for Clearwater, Fla. February 5 and 6. Annual convention and field days in Newport, R.I. July 28 and 29. Brochure on the promotion, use and care of sod will be made available to members. The brochure and new logo should be a help to members. There will be continued expansion of legal services for members. The availability of uniform accounting systems will be promoted. The quality and number of publications from ASPA will be improved and strengthened. Increased cooperation with state and area sod producing organizations will be emphasized.

Associated Landscape Contractors of America

1750 Old Meadow Road
McLean, Virginia 22101
703-893-5440

Thomas Hal Stewart, executive director

Officers: Lew Hammer, president; Ronald A. Ahlman, president-elect; Duane Nelson, vice president; William C. Byers III, vice president; Dick Brickman, treasurer; William Thornton, secretary.

Members: 400

1975 accomplishments and 1976 goals: Continued membership growth, establishment of a series of business seminars for landscape contractors, establishment of a network of specialty committees each concentrating on a different aspect of landscape contracting, including erosion control, irrigation, maintenance, interiorscape, design/build, and golf course building. Also, emphasis and improvement of the image of the industry, and sponsorship of summer seminars for high school and junior college students at Mississippi State University.

Garden Centers of America

230 Southern Building
Washington, DC 20005
Nate McMullen, administrator

Officers: Jack Schneider, president; Gary Gern, vice president; John Horton, secretary-treasurer; Larry Bachman, Curtis Smith and Daniel Capper, directors.

Total membership: 335 firms

1975 accomplishments: First joint management clinic with National Landscape Association; new employe orientation guide; wage and fringe benefit survey; successful 1975 membership promotion program.

1976 goals: To be set at year-end board of directors meeting.

Golf Course Builders of America

725 15th Street N.W.
Washington, D.C. 20005
202-628-0555
Harry J. Lambeth, executive director

Officers: Frank A. Underwood, president; Nick A. Siemens, president-elect; Edward A. Hunnicutt, vice president; E. M. Witter, secretary; Eugene M. Brown, treasurer.

Total membership: 40

1975 accomplishments: Compiled

and studied golf course construction contracts; worked closely with golf course architects in seeking to establish certain standards; promoted quality golf course construction; published a national biographical directory of members to assist golf course owners and architects to check construction references and quality or work of members contractors; held an annual meeting for discussion of golf course construction problems.

1976 goals: Key objective is to amend the National Electrical Code established by the National Fire Protection Association to provide that low voltage underground cables used in irrigation of golf courses be at a burial depth of 12 inches instead of the present 24 inches. The sixth annual meeting and dinner will be held during the GCSAA Minneapolis convention.

Golf Course Superintendents Association of America

1617 St. Andrews Drive
Lawrence, Kansas 66044
913-841-2240
Conrad L. Scheetz, executive director

Officers: Palmer Maples, Jr., president; Richard W. Malpass, vice president; George W. Cleaver, secretary-treasurer; Charles G. Baskin, past president. Louis D. Haines, Melvin B. Lucas, Jr., Charles H. Tadge, Gordon C. Witteveen, Theodore W. Woehrl.

Total membership: 4,012

1975 accomplishments: Topping 4,000 mark in membership; published comprehensive profile of golf course superintendent and course operations; specialized seminars on turf nutrition and golf course landscaping were added to GCSAA courses; speakers bureau established; began collecting materials for library and established lending and sales section; position paper on fertilizer use given nationwide distribution; pesticide seminar widely accepted as standard; dealt with OSHA regulations; certification program showed outstanding growth; publicity program helped increased public awareness of superintendent's role during major tournaments; newsletter sent to superintendent association around the world.

1976 goals: Celebration of 50th anniversary; personal and professional advancements for superintendent sought through combination of

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12 West Covina, CA
Holiday Inn
San Bernardino Freeway
14 San Jose, CA
Holiday Inn Downtown
16 Sacramento, CA
Holiday Inn South
US 99 at 47th
19 Portland, OR
Holiday Inn, 10 N. Widler
21 Salt Lake City, UT
Holiday Inn Airport
23 Phoenix, AZ
Holiday Inn Airport
26 El Paso, TX
Holiday Inn Airport
28 Oklahoma City, OK
Holiday Inn Airport West
30 Kansas City, MO
Holiday Inn Airport

February

2 Tallahassee, FL
Holiday Inn Downtown

February (Cont.)

4 New Orleans, LA
Holiday Inn Airport
6 Houston, TX
Holiday Inn Airport
25 Nashville, TN
Holiday Inn Airport Southeast
26 Memphis, TN
Holiday Inn Airport
27 Atlanta, GA
Holiday Inn Airport

March

2 Gaithersburg-Rockville, MD
Holiday Inn
3 Hershey, PA
Hershey Hotel
4 West Philadelphia, PA
Marriott City Line Ave.
5 Freehold, NJ
American Hotel
15 Pittsburgh, PA
Holiday Inn Parkway West

March (Cont.)

16 Syracuse, NY
Holiday Inn East
17 Boston, MA
Holiday Inn Gov't. Center
18 Long Island, NY
Holiday Inn Hauppauge
Long Island
22 Cleveland, OH
Holiday Inn Airport West
23 Cincinnati, OH
Holiday Inn Riverfront
Covington, KY
25 Peoria, IL
Holiday Inn East
29 Grand Rapids, MI
Holiday Inn East
31 Milwaukee, WI
Holiday Inn Airport South

April

2 Minneapolis, MN
Holiday Inn Airport #1
5 Omaha, NE
Holiday Inn I-80 at 72nd



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(Location)

NAME(s) _____

Representing _____

Address _____

Phone _____

Backbone of the Green Industry *(from page 34)*

regional education programs and expansion of association's annual national conference program and publicity and publications helpful to superintendent's image; technical turf management subjects will be treated through audio-visual aids and publications; education advisory council will be utilized to develop educational programs and materials; members will be constantly advised of new government developments as they apply; finalization of member pension plan; closer relationships between association and other organizations

International Shade Tree Conference

3 Lincoln Square
P.O. Box 71
Urbana, Illinois 61801
217-328-2032
E. C. Bundy, executive secretary

Officers: Jack R. Rogers, president; Hyland R. Johns, Jr., president-elect; Yvon Fournier, vice president; E. B. Himelick, executive director; Dan Neely, editor.

Members: 2,607

1975 accomplishments: Completed revision of shade tree evaluation publications; increased sponsorship of arboricultural research programs by extending financial support to projects at three universities; continued legal establishment of changing the not-for-profit corporate status and name of the organization from International Shade Tree Conference to International Society of Arboriculture, effective Jan. 1; finalized establishment of a Memorial Research Trust Fund, donations to which are recognized as tax-deductible; enjoyed the 51st annual convention meeting, where substantial pledges for fund were received.

1976 goals: Will activate broad promotional program to publicize shade tree evaluation publication with the assistance of a public relation firm; will initiate a bicentennial tree recognition program jointly with the National Arborist Association; will continue to promote the existence of new Memorial Research Trust Fund by soliciting contributions.

National Agricultural Aviation Association

Suite 459
National Press Building
Washington, D.C. 20045
202-638-0542
Farrell Higbee, executive director

Officers: James L. Maxwell, president; James V. Kedder, vice president; Paul E. Hursh, secretary; Dennis M. Dixon, treasurer.

Members: 1,075

1975 accomplishment: Published monthly magazine called "The World of Agricultural Aviation;" maintained Washington office to assist members; maintained a sizable library for ready research; monitor government agencies.

1976 goals: Will hold national convention this month in Las Vegas, with technical sessions and exhibits with over 130 companies displaying products. Total attendance will be over 2,500 persons. Continue member services in addition to convention.

National Arborist Association

3537 Stratford Road
Wantagh, New York 11793
516-221-3082
Robert Felix, executive secretary

Officers: Thomas A. Morrison, president; Royd Haney, first vice president; Gerald E. Farrens, second vice president; Kenneth Kirk, secretary; Larry Holkenborg, treasurer; Bruce M. Walgren, Walter E. Money and Erick H. Haupt, directors; George Tyler, associate director; W. Roland Shannon, past president.

Members: 255

1975 accomplishments: Set up joint bicentennial tree recognition program with International Shade Tree Conference; established a working relationship with the federal Environmental Protection Agency; increased the membership of the association as well as exposure as an important force in the tree care industry.

1976 goals: Intend to participate in bicentennial celebration by recognizing certain significant 200-plus year old trees; will expand educational programs to encompass not only employees and other tree

workers but as an educational process for public; will continue to build membership and exposure in order to better serve tree care industry.

National Landscape Association

230 Southern Building
Washington, DC 20005
F. Raymond Brush, administrator

Officers: Donald E. Johnson, president; Dale K. Manbeck, vice president; Richard Kauffman, secretary-treasurer; board of directors include Manbeck, Kauffman, Gerald W. Harrell, Tom Gilmore, Frank L. Tomlinson, Richard L. Ammon and Joe Wayman.

Members: 596 firms

1975 accomplishments: Projects carried out were correspondence bidding exercises to help members evaluate their bidding practices; management clinic; annual residential design awards programs; annual landscape tour; periodic "News Notes" to keep members informed; compilation of various landscape business forms; and current survey of landscape practices in area of wages and fringe benefits.

1976 goals: Will continue publishing representative landscape business forms; again co-sponsor management clinic in Louisville, Ken., Feb. 22-25; with Michigan State University conduct a study of landscape management accounting systems; develop a landscape salesman's handbook; increase frequency of "News Notes;" conduct another landscape tour.

Professional Grounds Management Society

1750 Old Meadow Road
McLean, Virginia 22101
703-893-7787
Thomas Hal Stewart, executive director

Officers: Allan Shulder, president; Tom Lepping, treasurer; C. Francis Lay, vice president; Donald J. Comes, Fred W. Garret, Owne H. Walker, Dick Connelly, Wayne Casey, Robert W. Doherty, John Brugeman, Bernard Nees and Anne O. Seaman, board of directors.

Members: 600

1975 accomplishments: Network of local groups and membership campaign launched.

1976 goals: To continue membership growth and publication of "Estimating Exercise for Grounds Managers."

Sprinkler Irrigation Association
 13975 Connecticut Avenue
 Silver Spring, Maryland 20906
 Walter D. Anderson, executive secretary

Officers: W. J. Ogle, president; Kenneth B. White, Jr., vice president; Taylor Ramsey, treasurer. William H. Barnard, Paul Cochran, Joseph Fiala, Jack Kouns, W. J. Liddell, Edward H. Newbegin, Charles S. Putnam, R. A. Wahl and Raymon York, directors.

Total membership: 425

1975 accomplishments: Employment of full-time educational director and sponsorship of three basic turf irrigation short courses; publication of fourth edition of "Sprinkler Irrigation" with inclusion of material on turf irrigation; expansion of programming at annual technical conference to include concurrent sessions on turf irrigation; publica-

tion of "Wastewater Resource Manual."

1976 goals: Amendment of the National Electrical Code Section 300-5 regarding requirements for burial of underground control cables at 12 instead of 24 inches; development of a code for landscape irrigation installation; continued expansion of programming related to turf irrigation through publication conference and continued scheduling of a minimum of three turf irrigation short courses a year.

Utility Arborist Association

c/o Bernard E. Swisher, Forester
 Columbus & Southern Electric Co.
 215 N. Front St.
 Columbus, Ohio 43215
 614-226-6411
 Richard E. Abbott, executive director and editor

Officers: Swisher, president; G. A.

Kihl, president-elect; E. T. Nease, vice president; W. B. Clowney, secretary-treasurer; Ruffin Van Bossuyt, Jr., Edward F. Bramann, Jr., Hyland R. Johns, Leo D. Creed, Robert E. Stein, Huey P. Sykes, J. E. F. Winter, I. O. Bauer, directors.

Members: 400

1975 accomplishments and 1976 goals: Has pursued its objectives of providing continuity for investigative efforts in the field of utility arboriculture, acting as a responsible and knowledgeable source of information for its members and other interested, and providing those in the field with an organization of the broadest international base to participate in and draw from. The organization meets annually, six newsletters are mailed, committee work includes studies of tree growth control, tree selection, right-of-way maintenance, training and liaison with Edison Electric Institute. □

WEEDS TREES AND TURF

1975 Article and Author Index

A

	Issue Page
ASPA Builds Membership (ed)	Aug. 6
ASPA Market Survey, Inventory of Sod Growers (ns).....	Aug. 39
Abbott Joins Davey Tree Leaves Post at Ohio Power (ns) .	Sept. 25
'Adelgids': The Aphid Controversy by Dr. R. Lee Campbell (fa).....	Mar. 32
Aerial Application, Techniques, Systems, and Precautions by W. E. Chappel, J. S. Coartney and J. A. Weidhass (fa).....	Nov. 20
Agrico Chemical Company Plans to Construct New Ammonia Plant (gn)	June 14
Agrico Marketing Group Redefines Ag Sales Areas (ns)	Jan. 68
(Air Pollution) What Role Do Trees Play in Cleansing the Air? by Bruce R. Roberts and Alden M. Townsend (fa).....	July 38
Air Products Expands With 250 Ton/Day Ammonia Plant (ns).....	Mar. 52
Aldrin/Dieldrin, EPA Says "Case Closed" on (gn)	July 12

(Amchem) Solving the Drift Problem (fa)	Feb. 16
American Association of Nurserymen's Centennial Convention to be Held in Chicago (ns)	Jan. 24
American Society of Consulting Arborists (ASCA) Convened in St. Petersburg (cr).....	Apr. 37
American Sod Producers Visit Midwest Farms (cr).....	Sept. 26
Amur, The White, Controversy by Alva Burkhalter (fa).....	June 26
Anti-Transpirants, Do They Improve Transplant Success? (fa).....	Oct. 39
Applicator Training, Certification, Butz, Train Call for Cooperative Effort (ns)	Mar. 36
(Applicators, Custom Lawn) Lawn Care Business is Changing . . . Are You? by Stanley L. Weber (ge)	Oct. 14
Aquatic Herbicides in Irrigation Water by Robert C. Hiltibran (fa)	Feb. 48
Aquatic Plant Management, A Long Range Look At, by William N. Rushing (fa).....	June 22
Aquatic Plant Management is a National Concern (cr).....	Sept. 29

(Aquatic Weed Control) The White Amur Controversy by Dr. Alva P. Burkhalter (fa).....	June 26
Arbor Day, National, Committee Seeks Support for Bill (ns).....	Apr. 30
Arbor Day, Shade Tree Federation Supports (ns).....	Jan. 24
'Arboriculture, Journal of', New Publication Announced by Shade Tree Conference (ns).....	Mar. 65
Arborists Group, Municipal, Elects Officers for 1975 (ns).....	Jan. 68
Arborists, New York, Elects '75 Officers, Directors (ns).....	Mar. 51
Associated Landscape Contractors Elect 1975 Officers (ns).....	Feb. 24
Associations, The, Backbone of the Green Industry (fa).....	Dec. 33

B

(B.t.) One Mistaken Notion (fa).....	Mar. 10
Bacillus Thuringiensis Tests, Budworm Target of Maine's (ns).....	Mar. 50
Bark Industry Plans Florida Meeting (cr).....	July 28
Barnett Elected Chairman of ICI United States, Inc. (ns).....	Feb. 24
Beard Plans Expansion for Texas Turf Industry (ns).....	Nov. 23
(Beetle, Japanese) A Chemical Resistant Grub . . . A New Control Approach (fa).....	Dec. 14
Beetle, Japanese, Quarantine, Expanded in Sections of Eight States (ns).....	Feb. 54
(Beetle, Southern Pine) Federal Agencies Launch Joint Attack on Forest Pests (ns).....	Feb. 55
Beker Industries, Zoning Exception for, Opens Door to Florida Mine (ns).....	Mar. 42
Bermuda Grass, Varieties of, Tested for NPK Response (nf).....	Dec. 24
Big Canyon Golf Course, an Engineering Marvel by W. Scott Lamb (fa).....	May 60
(Bio Dethatch) Product Removes Thatch (ns).....	Jan. 55
BlueBird Names Distributor (ns).....	Jan. 56
Bravo, Proposed Plant to Produce Daconil, Fungicide (ns).....	June 32
Budworm, Spruce, Carbide's Seven 4 Oil Insecticide Registered for (ns).....	July 26
Budworm Target of Maine's Bacillus Thuringiensis Tests (ns).....	Mar. 50
(Business) Green Industry Custom Services (ed).....	July 11
Business, Green Industry, During Inflation Period (ed).....	Feb. 6
(Business) Green Industry Outlook for 1976 (ed).....	Dec. 11
(Business, Tree Care Industry) How Do We Meet The Challenge by Robert Felix (ge).....	May 13
Businesses, Small, to Gain Penalty-Free OSHA Advice (ns).....	Feb. 28
Butz, Train Call for Cooperative Effort in Applicator Training, Certification (ns).....	Mar. 36

C

Calamco and Occidental to Combine Headquarters (ns).....	Jan. 36
California Fertilizer Association Supports Turfgrass Research Programs (ns).....	Jan. 25
(California Plant and Soil Conference) Turf, Ornamentals Session Highlighted at Conference (cr).....	Jan. 56
California Turf Exposition Set for January (cr).....	Dec. 31
California Turfgrass Council Aid Research With \$6000 (ns).....	Mar. 36
Carbide's Sevin 4 Oil Insecticide Registered for Spruce Budworm (ns).....	July 26
Central Plains Turfgrass Elects Officers for 1975 (ns).....	Jan. 36
Century/Rain-Aid Supply Corp. New Turf Distributor for Rain Bird (gn).....	Nov. 12
Chain Saw Safety, Proper Handling for, by Blake Stretton (fa).....	Apr. 45
Chemicals Resistant Grub . . . A New Control Approach (fa).....	Dec. 14
Chemicals, Toxic, Dow US General Counsel Testifies on (ns).....	Aug. 38

(Chemicals) Turf Disease Shutout (fa).....	Apr. 14
Chipper, Buy A, That Fits Your Needs by Karl P. Schoepner, Jr. (fa).....	July 14
(Chlordane, Heptachlor) EPA Wording Misleading, Says Morris (ns).....	Sept. 22
Chlordane, Heptachlor, Train Stops Manufacture of (nf).....	Sept. 22
(Chlordane, Heptachlor) USDA Informs Velsicol of Intervention in Public Hearings (gn).....	Sept. 8
(Chlordane, Heptachlor) Velsicol Asks for Temporary Restraining Order (nf).....	Sept. 22
Ciba-Geigy Louisiana Plant Awarded for Safety Record (ns).....	May 34
Coachella Valley, Greener by the Year (fa).....	Oct. 24
Composting, Sewage Sludge, From Waste to Resource (fa).....	Feb. 42
Contract Application, High Flying (fa).....	Nov. 38
"CORE" Manual, Guide for Commercial Pesticide Applicators, EPA Releases (gn).....	Oct. 10
Corrosion on a PVC Irrigation System by Dr. L. W. Gleekman (fa).....	May 24
Croft, Edward, Associate of O. M. Scott & Sons Company Dies (o).....	July 33
Cushman Says "End of Line" (ns).....	Aug. 22

D

(DDT) Aerial War on Two Fronts: Tussock and Gypsy Moth (fa).....	Mar. 16
(DDT) EPA Hearings On (gn).....	Apr. 13
(DDT) Train Asks for Support on Pesticides Issue (ns).....	Nov. 22
Daconil, Diamond Shamrock Corp. Introduces Liquid (ns).....	Feb. 52
Daconil, Proposed Plant to Produce, Bravo Fungicide (ns).....	June 32
Dacthal Available but Tight According to Manufacturer (ns).....	May 30
Dennis, Al, Mount Sinai's, Heads Turfgrass Council (ns).....	Oct. 38
Design Awards Program, 1975, At Texas Landscape Meeting (cr).....	Aug. 39
Diamond Shamrock Corporation Announces Expansion (gn).....	Oct. 10
Diamond Shamrock Corp. Introduces Liquid Daconil (ns).....	Feb. 52
(Digz-All, Inc.) Wind King Mfg. Company Underwent Transfer of Ownership (gn).....	Dec. 12
(Dimilin) Experimental Compound Gets Temporary Nod From EPA (ns).....	Sept. 24
Disease Problems, Anticipate (fa).....	Sept. 11
Dixon Initiates New Plant With Open House and Tours (ns).....	May 34
Dollar Spot Control Integrating Systemics and Contacts by P. O. Larsen (f).....	Mar. 46
Dow Chemical Opens West Coast Derakane Plant (ns).....	May 30
Dow Chemical Research Data on 2,4,5-T Reviewed by EPA (gn).....	Oct. 10
(Dow Chemical) Search for a "Super Fungicide" (fa).....	Sept. 38
Dow's N-Serve, Top 100 Products Award Goes to (ns).....	Nov. 25
Dow to Open 2,4-D Plant, Bolster Supply for 1976 (ns).....	Oct. 32
Dow US General Counsel Testifies on Toxic Chemicals (ns).....	Aug. 38
Drainage Problem on Greens Solved by Nebraska Super (ns).....	Dec. 31
Drift Problem, Solving the (fa).....	Feb. 16
Drip Irrigation, First Centralized Library Set Up For (ns).....	Oct. 34

E

EPA Boss, Train, Establishes Administrator's Pesticide Policy Advisory Committee (gn).....	Nov. 12
EPA, Legislative Action Introduced for Abolishment of (ed).....	Nov. 11
EPA, National Movement to Abolish (gn).....	Nov. 12
EPA Office of Research and Development Undergoes Reorganization (gn).....	June 14

EPA Releases Public Opinion Poll (gn)	Nov. 12
EPA Sets Up Agreement For Noise Testing Lab (ns)	July 27
EPA's 'Guidelines for Registering Pesticides' Comes Under Fire From DuPont (gn)	Oct. 10
(E-Z Go) Manufacturer Reintroduces Utility Truck to Turf Industry (ns)	May 35
Economy Up, Earning Power Restored, Says Simon (ns)	Aug. 24
Energy Saving Suggestions for Turfgrass Managers by James A. Fischer (fa)	Jan. 65
Environmental Stress, USDA to Back Research On (ns)	May 37
(Equipment) Buy a Chipper That Fits Your Needs by Karl P. Schoeppner, Jr. (fa)	July 14
(Equipment) Even Tough Ones Do Better With Care by Curt Schmidler (fa)	July 18
(Equipment) Good 'n Cheap by Elmer Mott (ge)	Sept. 28
(Equipment) Hydraulic Maintenance is Back by J. L. Love (fa)	Aug. 16
(Equipment) Keeping Firestone in Championship Condition by Peter Miller (fa)	Aug. 26
(Equipment) Kemp Soil Shredder (ns)	Jan. 24
(Equipment) Proportional Mixing: A New Sprayer Idea (nf)	May 66
(Equipment) Reducing Maintenance Costs — And Keeping the Quality Up (fa)	Oct. 20
(Equipment) Repair or Replace? An Economical Guide to Mower Life Expectancy by J. R. Watson (fa)	Aug. 12
(Equipment) Royer Acquires New Line of Land-Clearing Machines (ns)	Dec. 30
(Equipment) Skid Steer Loaders, The Little, Big Machines (fa)	Aug. 17
(Equipment) To Design a Better Sprayer by Raymond G. Hill (fa)	Feb. 44
(Equipment) Tree Spade vs. Bare Root Planting by Robert A. Cool (fa)	Nov. 14
Eronator, The, A Boost For Water Quality (fa)	May 56
Europeans Examine U. S. Implant System by Warren Wolfe (fa)	Aug. 14
(Evergreen Helicopters) Aerial War on Two Fronts: Tussock and Gypsy Moths (fa)	Mar. 16

F

FIFRA, House of Representatives' Agriculture Committee Defeats Amendment to (gn)	Oct. 10
FIFRA Not Extended, Congress Indicates Some Dissatisfaction (gn)	Nov. 12
FMC Division to Sponsor Display Contest For Dealers (ns)	Mar. 65
FMC Recalls 100 Workers (ns)	Feb. 30
(Felix, Robert), Association Profile (fa)	July 16
Fertilization, Irrigation, With Sewage Water is Seen (nf)	Dec. 26
(Fertilizer) Non-Farm Fertilizer Usage (ge)	Jan. 23
Fertilization, Proper Turf, Increases Wear Tolerance (nf)	Dec. 28
Fertilizer, The Rational Approach by George E. Osburn (fa)	Apr. 19
Fertilizer, Turf, Supplies O.K. But Prices Higher Than '74 (ns)	Mar. 54
Fire Ant Control Extended, Soil Movement Restricted (ns)	Oct. 34
(Fire Ant Control) Memorandum of Understanding Signed by USDA Under Secretary (gn)	Dec. 12
Firestone, Keeping in Championship Condition by Peter Miller (fa)	Aug. 26
Fischer, Jim, Gravely Names, Marketing Vice President (ns)	Dec. 28
Foliar Nutrients, Potentials of, Subject of Cornell Research (ns)	June 31
Forest pests, Federal Agencies Launch Joint Attack on (ns)	Feb. 55
Forest Service Announces Move of 3 Research Units (ns)	Feb. 27
Forest Service Directors Located at Field Stations (ns)	Jan. 56
Forest Service Man Cited for Tree Decay Research (ns)	Feb. 40
(Forklifts) Even Tough Ones Do Better With Care by Curt Schmidler (fa)	July 18
Freedom of Information Act, New Amendments to (gn)	Mar. 12

Freeport Minerals Raises Sulphur Price, Opens Mine (ns)	Feb. 36
Fungicide, Proposed Plant to Produce Daconil, Bravo (ns)	June 32
(Fungicide) Scotts ProTurf Introduces New (ns)	Apr. 31
Fungicide, Search for a Super (fa)	Sept. 38
(Fungicides) Diamond Shamrock Corp. Introduces Liquid Daconil (ns)	Feb. 52
(Fungicides) Dollar Spot Control, Integrating Systemics and Contacts by P. O. Larsen (fa)	Mar. 46
Fungicide, Systemic—Their Role In Turf Disease Control by Dr. R. W. Smiley (fa)	Jan. 30
Fusarium Blight Control, Practical Ideas for Bluegrass Health (fa)	June 10
Fusarium Blight, Homeowner Sod Problems by Charles L. Cooper (fa)	Apr. 27

G

Gas, Natural, Federal Power Commission Considering Decontrol of (gn)	Nov. 12
GCSAA 1975 Executive Committee (cr)	Mar. 24
GCSAA Show Attendance: 4,899, New Orleans Turfgrass Meeting (cr)	Mar. 24
Game Time to Give Award (ns)	Oct. 31
Garden Pro, Inc., Triple Damage Patent Infringement Suit Against (gn)	June 14
Gerber, Carl Reed, Named Associate Assistant Admin- istrator EPA Office of Research & Development (gn)	Sept. 8
Gingery Appointed Member of Mailers Advisory Group (ns)	Feb. 58
Golf and Operations Course—Western Texas' New Program (ns)	Feb. 32
Golf Architects New Survey Examines Slow Play Problem (ns)	Dec. 49
Golf Architects, President of, Lands American Designers (ns)	Feb. 30
(Golf Cars) Anti-Dumping Case Against Melex, U.S.A. (gn)	Dec. 12
(Golf Cars) Cushman Says "End of Line" (ns)	Aug. 22
Golf Cars Imported From Poland Pend Investigation (gn)	May 14
Golf Course Builders' Pres. Re-elected to Second Term (ns)	May 40
Golf Course Contractors Petition for Code Change (ns)	Nov. 22
(Golf Course, Linwood) Greener by the Year (fa)	Oct. 24
(Golf Course) Keeping Firestone in Championship Condition by Peter Miller (fa)	Aug. 26
(Golf Course Maintenance) Anticipate Disease Problems (fa)	Sept. 11
(Golf Course Maintenance) Reducing Maintenance Costs—And Keeping the Quality Up (fa)	Oct. 20
(Golf Course) One Million-Dollar Challenge by Gary T. Grigg (fa)	Jan. 10
Golf Courses, Financing Municipal (nf)	Apr. 41
Golf Courses Last Refuge for America's Greenbelts (ns)	June 34
Golf Vehicle Photorama (fa)	Sept. 14
Grass, Natural, vs. Artificial Turf, Which Costs More to Maintain? by Melvin J. Robey (fa)	Oct. 11
Gravely Dealer Group Holds First Meeting in Florida (ns)	Feb. 40
Gravely Names Jim Fischer Marketing Vice President (ns)	Dec. 28
Greenbelt Buys Moody, Nees (ns)	July 26
Green Chairman In Office Longer Aids Superintendent (ns)	Dec. 31
Gypsum, Measuring the Nutritive Values of, Minerals and Management by Dr. Guy Tewari (fa)	June 18
Gypsy Moth, and Tussock, Aerial War on Two Fronts (fa)	Mar. 16
(Gypsy Moth) Bulletin Says Even Gypsy Has Many Natural Foes (ns)	Aug. 38
(Gypsy Moth Control) Experimental Compound Gets Temporary Nod From EPA (ns)	Sept. 24
Gypsy Moth Control, Northeastern Scientists Study (ns)	Oct. 32
Gypsy Moth, Eastern Study Traces Six-Year Infestation (ns)	June 31
Gypsy Moth Infestation Discovered in Illinois (ns)	Sept. 24

(Gypsy Moth) One Mistaken Notion (fa)..... Mar. 10
 "Gypsy Moth", Say: (nf)..... July 49

H

Hawaii Irrigation Supply Named Distributor for
 Weather-matic in Hawaiian Islands (gn)..... Oct. 10
 Hawaii Turfgrass Association Meets, Elects Officers (cr).... Nov. 23
 Hawthorn, Thornless, Pioneered in Ohio (fa)..... Jan. 66
 Hayman, B. Co., Inc., Moves to New Facility (gn)..... Dec. 12
 Henk, Harold, San Antonio's, Named Turfgrass
 President (ns)..... Jan. 68
 Herbicides, Aquatic, In Irrigation Water
 by Robert C. Hiltibran (fa)..... Feb. 48
 (Herbicides) Dacthal Available But Tight According
 to Manufacturer (ns)..... May 30
 (Herbicides) Dow to Open 2,4-D Plant Bolster
 Supply for 1976 (ns)..... Oct. 32
 (Herbicides) Railroad Weeds: One Headache You
 Can Do Without (fa)..... May 10
 Hesston Corp. Lawn Equipment Division Moves
 Headquarters (gn)..... Mar. 12
 Hesston's Production Tripled By Move to Larger
 Facility (ns)..... Mar. 60
 (Hill, Jerry) High Flying Contract Applications (fa)..... Nov. 38
 Huber Ranch Sod Nursery, "Instant Lawns for Home
 and Industry" by Tom Stundza (fa)..... Nov. 26
 Hughes Appointed Director of Forest Research
 Staff (ns)..... Jan. 66
 (Hyacinth Control Society) Aquatic Plant Management
 is a National Concern (cr)..... Sept. 29
 Hyacinth Society Members Plan July Meeting
 In Texas (cr)..... Apr. 31
 Hyacinth Society to Meet in San Antonio (cr)..... June 30
 Hydraulic Maintenance is Back by J. L. Love (fa)..... Aug. 16

I

IBDU, Slow Release — Promising New Tests by
 Dr. W. H. Daniel (fa)..... Jan. 14
 (I & E Supply, Inc.) Smith Turf Changes Name (ns)..... Jan. 36
 I-H Announces Rebate on Most Industrial
 Equipment (gn)..... May 14
 (ISTC) New Publication Announced by Shade
 Tree Conference (ns)..... Mar. 65
 (ISTC) Symposium Features Shade Tree
 Evaluation (cr)..... Aug. 49
 Inflation, Four Ways to Fight by
 James A. Fischer (fa)..... Feb. 56
 (Insecticide) Carbide's Seven 4 Oil Insecticide
 Registered for Spruce Budworm (ns)..... July 26
 Insecticides, New Synthetic, Shown to be Less
 Toxic (ns)..... Feb. 27
 (Insecticides) One Mistaken Notion (fa)..... Mar. 10
 (Insects) Penn State Chemist's Findings Contradict
 Current Theories (ns)..... Jan. 64
 International Harvester Continues Merging
 Efforts (ns)..... Nov. 34
 International Society of Arboriculture, The
 Second Fifty Years (cr)..... Sept. 12
 International Trade Commission to Conduct
 Investigation on Imported Golf Cars (gn)..... July 12
 (Ironwood Country Club) Greener By The Year (fa)..... Oct. 24
 (Irrigation) Coachella Valley, Greener
 By The Year (fa)..... Oct. 24
 Irrigation, Drip, First Centralized Library
 Set Up For (ns)..... Oct. 34
 Irrigation, Fertilization With Sewage Water
 Is Seen (nf)..... Dec. 26
 Irrigation Gold Mine (fa)..... May 42
 Irrigation Installation, Protecting Your Investment
 in an, by Bob Cloud (fa)..... May 38
 Irrigation System, Corrosion on a PVC by
 Dr. L. W. Gleekman (fa)..... May 24
 Irrigation Water, Aquatic Herbicides in, by
 Robert C. Hiltibran (fa)..... Feb. 48
 (Island Hills Golf Club) Reducing Maintenance
 Costs—And Keeping the Quality Up (fa)..... Oct. 20

J

Japanese Beetle Quarantine Expanded in Sections
 of Eight States (ns)..... Feb. 54
 Junk Yard Owner Salvages Image (fa)..... Dec. 18

K

Kepone, Life Science Products Co. Stops
 Manufacture (ns)..... Oct. 31
 (Kouns) An Irrigation Gold Mine (fa)..... May 42

L

Landscape Association, National, Elects
 New Officers (cr)..... May 37
 Landscapers Association 'Gear Up' for Florida
 Meeting (ns)..... Jan. 25
 Landscaping, Horticulture, In Need of Trained
 People (ns)..... July 28
 (Lansing Street Trees) Tree Spade vs. Bare Root
 Planting by Robert A. Cool (fa)..... Nov. 14
 Lawn-Boy Equipment, Advertising Agency
 Named for (ns)..... Feb. 30
 Lawn Care Business is Changing . . . Are You? by
 Stanley L. Weber (ge)..... Oct. 14
 Leasing, Distributor, Program for International
 Harvester Industrial Equipment (gn)..... Mar. 12
 Leisur-AID Moves to Iowa (ns)..... Jan. 56
 Lethal Yellowing Research Boosted by New
 State Funds (ns)..... Aug. 22
 Life Science Products Co. Stops Kepone
 Manufacture (ns)..... Oct. 31
 Little, A. D., Inc., Awarded Contract to Investigate
 New Pest Control Techniques (gn)..... July 12
 (Loaders, Skid Steer) The Little, Big Machines (fa)..... Aug. 17
 Loft, Peter, Lofts Pedigreed Seed, Announces Opening
 of Loft/New York (gn)..... Sept. 8

M

Maintenance Costs, Reducing, and Keeping
 the Quality Up (fa)..... Oct. 20
 (Maintenance) Even Tough Ones Do Better With
 Care by Curt Schmidler (fa)..... July 18
 (Maintenance, Turf) Natural Grass vs. Artificial
 Turf, Which Costs More to Maintain?
 by Melvin J. Robey (fa)..... Oct. 11
 (Management) University Grounds Director Cited
 for Managerial Skill (ns)..... Apr. 30
 Manganese Remains Soluble in New Patent
 Fertilizer Use (ns)..... Dec. 28
 Maryland Sod Conference to Study Current
 Troubles (cr)..... Feb. 52
 Maryland's Sod Industry Seeks State
 Assistance (nf)..... July 33
 Mauget, J. J., 30 Educational Seminars
 Announced by (ns)..... Dec. 30
 (Medicaps) Europeans Examine U.S. Implant System
 by Warren Wolfe (fa)..... Aug. 14
 Melex, U.S.A., Anti-Dumping Case Against (gn)..... Dec. 12
 Melnor's Midwest Rep. Retires After 20 Years (ns)..... Jan. 68
 Metasystox-R Inject-A-Cide Applicators Received
 EPA Registration (gn)..... Sept. 8
 Metric Conversion Program, President Ford Issues
 Statement on (gn)..... June 14
 Microfoil Background by "Tex" Waldrum (nf)..... Nov. 40
 Midwest Regional Turf Foundation Newly Elected
 Officers (cr)..... Apr. 36
 Monsanto Company's Agricultural Division
 Reorganized (gn)..... Feb. 8
 Moody Sprinkler Co., Inc. and Safe-T-Lawn, Inc.
 Sign Manufacturing and Marketing
 Agreement (gn)..... Dec. 12
 Moore Golf Trophy Received by John C.
 Floyd, Jr. (ns)..... Nov. 27
 Mosquito Control Pesticide, EPA Grants Limited
 Use Registration to New (ns)..... May 30
 (Moth, Douglas Fir Tussock) Federal Agencies Launch
 Joint Attack on Forest Pests (ns)..... Feb. 55