WHAT MAKES DITCH WITCH THE LEADER?



PRODUCT Ruggedness, dependability, ease of operation and low maintenance costs - just some of the reasons the Ditch Witch J20 is the leader in its class. This 18-horsepower trencher has the price and size of a compact, with design advantages of bigger Ditch Witch models. The J20 gives you rigid-frame construction for stability and safety, four-wheel drive with a choice of tire options, auto-type power steering and full hydraulic convenience controls, a fullyhydraulic backfill blade and much more. The digging chain is driven directly through the J20's three-speed transmission while travel speed during trenching is controlled hydraulically. Why not let Ditch Witch demonstrate the J20 on your job site? See for yourself why Ditch Witch is the leader.



The industry's leading dealer organization helps maintain Ditch Witch's role of leadership. Ditch Witch dealers do their best to supply equipment that fits each customer's individual needs. Then they support their product line with unmatched service. With Ditch Witch, an obligation begins with every sale. If you need a part, your dealer will get it to you—fast. If something goes wrong, his factory-trained servicemen will fix it. Every Ditch Witch dealer is a trained professional who believes in his product. He treats each customer honestly and fairly and provides the best possible service. Is it any wonder Ditch Witch is the leader?

FOLLOW THE LEADER!



... offering a full line of trenching equipment from 7-HP to 65-HP.

CHARLES MACHINE WORKS, INC., P. O. Box 66, Perry, Oklahoma 73077

TRACTOR, 8-12 HP AMF Western Tool Division Allis-Chalmers Corp. Ariens Company Avco New Idea J. I. Case Deere & Co. Ford Tractor Operations, North America International Harvester Co. Massey-Ferguson, Inc.
Simplicity Mfg. Co.
Smithco, Inc.
Speedex Tractor Co.
Wheel-Horse Products
Yardman, The Leisure Group, Inc.

TRACTOR, 13-20 HP
Allis-Chalmers Corp., Outdoor and
Leisure Products Avco New Idea
J. I. Case
Deere & Co.
Economy Tractor
Ford Tractor Operatons, North America America
General Electric, Outdoor Power
Equip. Operations
Hesston Corporation, Ind. Div.
International Harvester Co.
Kubota Tractors, Inc.
Massey-Ferguson, Inc.
Outdoor Power Equip. Div., FMC Corp.
Simplicity Mfg. Co.
Speedex Tractor Co.
Tradewinds, Inc.
Wheel-Horse Products Yardman, The Leisure Group, Inc.

TRACTOR, 21-60 HP Allis-Chalmers J. I. Case Deere & Co. Ford Tractor Operations, North America International Harvester Co. Kubota Tractors, Inc. Massey-Ferguson, Inc.
Satoh Tractor c/o NEDA
Slope Tractor, Inc.
Tradewinds, Inc.

Waldon, Inc.

TRACTORS, 61-150 HP

Allis-Chalmers J. I. Case Deere & Co. Ford Tractor Operations Massey-Ferguson, Inc. Waldon, Inc.

TRACTORS, 151 and up HP Deere & Co. Ford Tractor Operations International Harvester Massey-Ferguson, Inc. Waldon, Inc.

TRACTOR, CRAWLERS Allis-Chalmers Deere & Co. International Harvester Co.

TRAILERS

Beatty Trailers
The Champion Co.
Clark Equipment Trailer Div.
Deere & Co. Fayette Division, Dayton-Walther Harvestall Industries, Inc. Jacobsen Mfg. Co. Lakeside Mfg. Corp. Lawn Medic, Inc. Magline, Inc. Maxey Manufacturing Co., Inc. Miller Tilt-Top Trailers, Inc. Rogers Bros. E. R. Schwartz Mfg. Co.

Selma Trailer and Mfg. Co. The Snow Company Trailevator Div., Magline, Inc. Wheel Horse Products, Inc.

TRASH COMPACTORS Air Rake Manufacturing Corp. Piqua Engineering, Inc.

TREE INJECTORS

Creative Sales Ferti-Feeder Tree-Ject Company

TREE MOVERS (See Spade, Tree) CareTree Systems
Davey Tree Expert Co.
Ideal Crane Div.
Schutt's Equipment Co.
Vermeer Manufacturing Co.

TREE WRAPPINGS
Bartlett Mfg. Co.
Bemis Mfg. Co.
American Excelsior Corp.

TRENCHER

Arps Corp. Charles Machine Works Charles Machine Works
Davis Mfg.
Digz-All Trencher Co.
Ground Hog, Inc.
Moody Sprinkler Co., Inc.
Toro Irrigation Division
Towner Mfg. Co.
Vermeer Mfg. Co.

TRIMMERS, HEDGE AND

GRASS, PARTS
Bartlett Mfg. Co.
The Black & Decker Mfg. Co. Bunton Co. Gandy Company Goodall Div. Grandberg Industries **HMC** Jacobsen Mfg. Co. K-D Mfg. Co. Lindell Ind., Div. Lindell Pattern Works Works
Melnor Industries, Inc.
H. K. Porter, Inc.
Rowco Mfg. Co., Inc.
Seymour Smith & Son, Inc.
Stihl American, Inc.
Tallman Equip. Co. Inc.
Village Blacksmith
Yazoo Mfg. Co., Inc.

TRUCK, ACCESSORIES
Maxey Manufacturing Co. Inc.

TRUCK, FORESTRY Asplundh Chipper Co. Mobile Aerial Towers, Inc.

TRUCK, LIGHT-HAULING, UTILITY Cushman, OMC-Lincoln HMC Jacobsen Mfg. Co. Wayne Engineering Corp.

TRUCK, UTILITY BODIES
Fibre Glass Products

TUBING (Also See Hose) American Hose & Reel Co.

TURF VEHICLES Club Car, Inc. Cushman, OMC-Lincoln HMC Jacobsen Manufacturing Co. Jeep Corporation Otis Elevator Company, Special Vehicle Div. Ryan, OMC-Lincoln Smithco

The Snow Company The Toro Company Wheel Power Corp.

UNDERWATER WEED HARVESTER (See Aquatic Weed Harvester)
A.O.A. Research & Development, Inc. Air-Lec Industries, Inc.
Aquamarine Corporation
Aquanautics, Inc.
Aquatic Controls Corp.
Mud Cat, Div. of National Car Rental The Vandermolen Co.

UNDERWATER WEED RAKE Aquanautics, Inc. Aquatic Controls Corp.

UNLOADERS

Dico Co., Inc.

UTILITY TRAILERS

Beck Mfg. Co. Miller Tilt-Top Trailers, Inc. Trailevator Div., Magline, Inc.

Air Rake Manufacturing Corp. Alis-Chalmers Mfg. Co. Arctic Mizer Ariens Co.
Billy Goat Industries, Inc.
The Black & Decker Mfg. Co. Deere & Co. E-Z Rake, Inc. Giant-Vac Mfg. Inc. Hesston Corp., Lawn Equipment Div. Jacobsen Manufacturing Co. Jacobsen Manufacturing Co.
Lindell Industries, Div. of Lindell
Pattern Works
MTD Products, Inc.
Nunes Manufacturing
Parker Sweeper Co.
Ryan, OMC-Lincoln
Simplicity Mfg. Co., Inc.
Sweepster, Jenkins Equip. Co.
Swenson Spreader & Mfg. Co.
Tennant Maintenance Systems
Turf Vac Corp. Turf Vac Corp. Wheel-Horse Products

VALVES (Also See Irrigation Valves) Aqua-Dial Hypro Division, Lear Siegler, Inc. Inject-O-Meter Mfg. Co.

VALVE BOXES Ametek, Plymouth Plastics Division

VERTICAL SLITTERS, TURF Rental Equipment Mfg. Co. Ryan, OMC-Lincoln

VIBRATORY PLOWS Charles Machine Works Davis Mfg.

WASHERS, HIGH PRESSURE Century Engineering Corp. Fimco, Inc. Walsh Mfg. Co. Wayne Engineering Corp.

WEED BARRIER Sea Guard, Inc.

WELDERS American Lincoln Corp.

WINCH (Also See Hoist) Fairmont Hydraulics Hoffco, Inc. Ideal Crane Div. International Harvester Co. Maasdam Pow'r Pull, Inc.

He's got a horse. Wheel Horse, of course!

When your business depends on a lawn and garden tractor, it's important that you have the right tractor. That's why the Wheel Horse ABCD's of tractoring is so important to you. It gives you four series of tractors from which to choose. Once you've decided on the horse-power and features of a particular series, you can choose a model that most nearly fits your needs. It's as simple as:

The economy line, featuring the A-800 Ranger electric and recoil start tractors. For mowing small to medium-size lawns. A 32" mower is standard. Dimensions for A Series tractors: Width, 30½"; Length, 56"; Height, 36½".

Compact value leaders, recommended for intermediate-size lawns and small gardens. This series includes the B-80 4-speed and the B-100 Automatic. Dimensions for

Tractors with more power, more versatility, designed for medium or large-size lawns and gardens. A choice of four C Series models is available — the C-120 and C-160 Automatics and the C-100 and C-160 8-speeds. Dimensions for C Series tractors: Width, 36"; Length, 65"; Height, 43".

B Series tractors: Width, 35"; Length, 63"; Height, 40".

Top-of-the-line Wheel Horse tractors, big on horsepower and exciting features. The D-200 Automatic, with a 19.9 HP twin-cylinder engine, is the biggest, toughest Wheel Horse tractor yet. Designed for large lawns and gardens, the D Series also offers the D-180 and D-160 Automatics. Dimensions for D Series tractors: Width, 45"; Length, 75"; Height, 45".

With the ABCD's of tractoring,

Wheel Horse also offers 29 attachments to give professional results to all the outdoor maintenance work you do...to save you time...and to add to your profits.

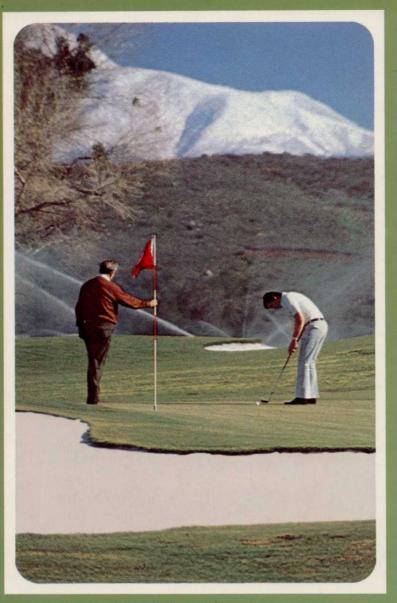
Get the complete story today at your Wheel Horse dealer. Ask him for a free copy of our new 1974 catalog or write to us.

Wheel-Horse Products, Inc. Dept. WTT, 515 W. Ireland Road, South Bend, Indiana 46614

The basics of tractoring are as simple as ABCD ...by Wheel Horse, of course.







San Vicente C. C./Ramona, California Ready for play one year after start of construction.

Choosing an automatic controlled system should be like going to a good smorgasborg: the more you have to choose from, the greater your satisfaction will be.

That's why it's important to get together with Buckner during your initial planning stage. Because Buckner makes seven different types of controllers—more than anybody else.

And that means that Buckner can work with these seven systems to deliver exactly the control system your course should have. These systems range from sophisticated two-wire, solid-state set-ups to basic units where cost is the prime requisite:

Binar® offers the ultimate in two-wire central control. Eliminates field controllers and miles of costly wire. Solid state circuitry provides trouble-free performance. You can scramble individual control valves for maximum program flexibility.

CP-2 provides advanced central programming where field controllers are needed for on-course inspection and maintenance. Syringe and omit cycles. Watering of fairways, tees and greens can be completed in less than nine hours.

711 is the perfect automatic in-field controller for large turf areas. This 11-station system features 0-60 minute control. Waters fairways, greens and tees in less than nine hours.

The ICM series offers three systems: The 12E has 12 control stations, the Dual 12E has two 12E units with two clocks, and the 24E has 24 control stations and one clock, where longer watering times are permissible.

The BR-10 delivers dependable performance at a rock bottom price for a dual program with ten stations.

If you're planning new watering systems, now's the time to get together with the Buckner Agri-turf Division of Johns-Manville. We'll take the time to figure out exactly what you should have. Then we'll supply it. Because we have more kinds of controllers, heads, valves and pipe than anybody in the business.



Agri-turf Division, Johns-Manville, P.O. Box 232, Fresno, Ca. 93708

Now you can get exactly the automatic control you need:

Because we make more automatic controllers than anybody else.

Because we have m ☐ I'd like information	Division, Johns-Manville of ore to work with. tion on Buckner automation a Buckner expert abou	c control syst	ems.
Name	Title	t a Baomior of	Otom
Address			
City	State	Zip	

Green Industry Associations Report Objectives And Goals

EDITOR'S NOTE: Accomplishments by an industry as new and dynamic as the Green Industry can best be achieved through organizations and associations. Bodies of people united for a common cause, sharing in the mistakes, rejoicing in the rewards, active as a unit, and aggressive as a team—these are the qualities which build industry-wide recognition. These are the attributes which distinguish dynamic from static. These are the parameters of success.

In November, WEEDS TREES AND TURF polled leading organizations of the Green Industry. We asked, in addition to identifying information, for three organization objectives which were met in 1973. Further, we requested the organizations to state three goals they planned to achieve in 1974. Their answers are given below.

ASSOCIATED LANDSCAPE CONTRACTORS OF AMERICA, INC.

1750 Old Meadow Road, McLean, Virginia 22101. Tel. (703) 893-5440

Thomas Hal Stewart, Executive Director

Officers and Directors: Jerry J. Lankenau, president; Ralph Stout, Jr., president-elect; Lew Hammer, vice president; Ronald A. Ahlman, vice president; Duane Nelson, Secretary; William C. Byers, Treasurer; Norman Gray, past president. Regional Directors: Jack Brem; Philip Thorson; Wally SaBell; Vern Smith; Larry Bisel; Jake Branyon; Roy Zehren; Dick Brickman; John D/Ginto; Ritch Skelton; Robert Hutt; Ed Helmke; Jerry Murdock; Isaiah Crosby. Directors At Large: Joe Korematsu; David Johnson; Bill Thornton; George Hederhorst; Ray Gustin, III. Associate Directors: Tom Edgren; Parker Shirling; Tom Clark; Wil Schulze; James Chester; Sandy Lee.

Total membership: 400.

OBJECTIVES MET IN 1973: 1. Publication of Planting Specifications, jointly produced by ACLA and the American Society of Landscape Architects; 2. Publication of Handbook of Landscape Architectural Construction, jointly produced by ALCA and the American Society of Landscape Architects; 3. Publication of Handbook of Business Forms For The Landscape Contractor.

GOALS TO ACHIEVE IN 1974: 1. Series of local meetings of landscape contractors under the sponsorship of ALCA to bring problems and solutions to the grassroots level. 2. Task Force meeting on single problems between landscape contractors and landscape architects at several points across the country; 3. Publication of Contracts and General Conditions which will have been accepted jointly by ALCA and ASLA.

AMERICAN SOCIETY OF CONSULTING ARBORISTS

12 Lakeview Avenue, Miltown, New Jersey 08850. Tel. (201) 821-8948

Spencer H. Davis, Jr., Executive Director

Officers and Directors: Walter P. Morrow, Sewickley, Pa., president; W. Roland Shannon, Milford, Pa., president-elect; O. J. Andersen, Houston, Tex., vice president; F. Earle Martin, Toronto, Ont., Canada, secretary-treasurer; L. C. Chadwick, Columbus, Ohio, past president. Directors: Leslie S. Mayne, Burlingame, Cal.; Frederick R. Micha, Rochester, N.Y.; William P. Lanphear, Cleveland, Ohio; Charles H. Michler, Lexington, Ky.

Total membership: 100.

OBJECTIVES MET IN 1973: 1. Increased materials in case history files for member use; 2. Increased publicity which resulted in increased requests for ASCA Membership Directory; 3. Increased background materials on legal aspects of tree evaluations.

GOALS TO ACHIEVE IN 1974: 1. More realistic methods for evaluations of shade trees and acceptance by Internal Revenue Service; 2. Closer association with insurance adjustors and their viewpoints on tree evaluations; 3. Continued increase in publicity for ASCA.

AMERICAN SOD PRODUCERS ASSOCIATION

Association Building, 9th and Minnesota, Hastings, Nebraska 68901. Tel. (402) 462-5515

Bob Garey, Executive Director

Officers and Directors: Jack Kidwell, Kidwell Turf Farms, Culpeper, Va., president; Charles Davis, Wharton Turf Grass, Inc., Wharton, Tex., vice president; Gerry Brouwer, Brouwer Sod Farm, Ltd., Keswick, Ont., Canada, secretary; J. F. Nunes, Jr., Nunes Turfgrass Industries, Patterson, Calif., treasurer; Tobias Grether, Cal-Turf, Inc., Camarillo, Calif., past president. Directors: Paul Florence, Paul Florence Turfgrass, Marysville, Ohio; Wallace A. Huggett, Sod Farm, Inc., Marlette, Mich.; Parker Shirling, Princeton Turf Farms of Md., Centerville, Md.; William Latta, Princeton Turf of Kansas City, Kansas City, Mo.

Total membership: 234.

OBJECTIVES MET IN 1973: 1. Extensive circulation of specifications in the utilization and installation of sod for the use of architects, contractors, governmental agencies and other individuals and entities. Through this standardization manual, the user as well as the sod industry have been able to do the finest job in meeting requirements of the consumer; 2. The staging of two successful nationwide meetings, the annual mid-winter conference held in Hawaii wherein financial management, tax planning, tours of agriculture projects, and fun were on the program. The annual summer meeting and field day in Denver found equipment manufacturers demonstrating the latest in sod harvesting machines, power equipment and all the related products which are

desirable and necessary in the production and installation of sod. In addition, the formal program included accounting for sod producers, utilizing the ASPA Standardized Accounting System, labor relations determining seed quality, nematodes and the annual business session; 3. continued advancement of the association in the securing of a professional association management organization to continue the growth and development of the association, expanded programs and to meet the additional need of the association as it expands.

GOALS TO ACHIEVE IN 1974: 1. Greatly expanded membership and participation in all three categories of producers, suppliers and educational extension; 2. greater involvement with Federal regulatory agencies so as to minimize governmental control and regulation consistent with good citizenship. To secure favorable interpretations as to the nature of sod production and installation so as to enable the industry to operate efficiently; 3. Expanded educational activities, with both winter educational conference and summer convention equipment demonstrations designed to provide the maximum in practical information which can be applied to the operation of each member. The development of improved association communications through regular printed and periodic publications and bulletins is consistent with education and thus is of direct benefit to the members.

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF AMERICA

1617 St. Andrews Drive, Lawrence, Kansas 66044 Tel. (913) 841-2240

Conrad L. Scheetz, Executive Director

Officers and Directors: Clifford A. Wagoner, CGCS, president; Charles G. Baskin, CGCS, vice president; Palmer Maples, Jr., CGCS secretary-treasurer; Robert V. Mitchell, pesident emeritus. Directors: George W. Cleaver, CGCS; Richard W. Malpass, CGCS; Carlton E. Gipson; Gordon C. Witteveen, CGCS; Ted W. Woehrle, CGCS.

Total membership: 3550.

objectives met in 1973: 1. November 19, 1973 marked the conclusion of the Association's headquarters relocation, with the occupancy of its newly completed office, the first constructed and owned by the organization in its 47 year history; 2. A public relations-communications staff member was added to the headquarters staff in July. As a result of this hiring, a number of Association brochures are being up-dated, with new materials and additional services being planned; 3. Closer working relationships were established between GCSAA and its allied associations, the PGA and CMAA, through increased cooperation and joint planning meetings.

GOALS TO ACHIEVE IN 1974: 1. The Association's educational programs will be increased and improved to better meet the individual member's personal needs. This will be accomplished through the offering of multi-level educational programs, including regional seminars, and by upgrading the available audio-visual teaching aids through the addition of slide and film presentations; 2. In the coming year, through a variety of publications and talks, golf course superintendents,

golf course officials and the golfing public in general will be provided new information relevant to the superintendent's role and his importance to golf. In addition, emphasis will be placed on making people aware of the advantages and values of membership in GCSAA, not only to the superintendent, but also to the golf course and to the game of golf; 3. GCSAA plans to continue assisting the golf course superintendent improve his managerial capabilities through the utilization of a multi-media program which will include THE GOLF SUPERINTENDENT, informational brochures, films, etc. Of prime importance this coming year will be the existing and impending shortages of many basic golf course maintenance necessities such as manpower, fule, fertilizer, parts, seed, etc., and the increase of government regulations which pertain to golf courses.

INTERNATIONAL PESTICIDE APPLICATORS ASSOCIATION, INC.

221 First West, Seattle, Washington 98119 Tel. (206) 284-4774

Ralph V. Backstrom, Executive Director

Officers and Directors: Donald R. Mock, Seattle, Wash., president; Robert Huntwork, Concord, Calif., vice president; Lew Sefton, Lake Oswego, Oregon, corporate secretary. Directors: Bob Skanes, Tacoma, Wash.; Jack Daniels, Seattle, Wash.; George Harrison, Seattle, Wash.; Rod Fairbanks, Seattle, Wash.; Stan Raplee, Seattle, Wash.; Bill Gildroy, Lake Stevens, Wash.; Gary W. Mulkey, Junction City, Ore.; Bill Owen, Clackamas, Ore.; Charles E. Seibold, Portland, Ore.; Milt Ellis, Portland, Ore.; Ray Collier, Portland, Ore.; Jim Stevenson, Oakland, Calif.; Paul G. Walker, San Diego, Calif.; Jim Osborn, Danville, Calif.; Alvin J. Wallman, Sonoma, Calif.; Don Caldwell, Salt Lake City, Utah.

Total membership: 106.

OBJECTIVES MET IN 1973: 1. Establishment of a permanent and adequately paid executive secretary with clearly defined duties and responsibilities; 2. Steady improvement through increasingly effective submissions for publication in The Professional Applicator; 3. Established liaison with other Green Industry organizations for greater collective effectiveness in telling our story and reaching our individual and joint objectives.

GOALS TO ACHIEVE IN 1974: 1. Attempt to so organize Board of Directors activities that annual conference meeting could become the only full board meeting needed within the year, with strong committee activity carrying the load during the year; 2. Develop more local talent for eventual improvement in board activities of IPAA; 3. Emphasize strongly greater interand intra-chapter influence on legislation, local and national which affects professional application of pesticides.

INTERNATIONAL SHADE TREE CONFERENCE, INC.

3 Lincoln Square, P.O. Box 71, Urbana, Illinois 61801 Tel. (217) 328-2032

E. C. (Cal) Bundy, Executive Secretary

Officers and Directors: F. Lewis Dinsmore, Dinsmore Tree Service, St. Louis, Mo., president; John Z. Duling, Duling Tree Expert Co., Muncie, Ind., president-elect; Jack R. Rogers, Superintendent of Street Trees, Los Angeles, Calif., vice president; E. B. Himelick, Illinois Natural History Survey, Urbana, Ill., executive director; Dan Neely, Illinois Natural History Survey, Urbana, Ill., editor.

Total membership: 2251.

OBJECTIVES MET IN 1973: 1. Finalized the revised Constitution and Bylaws as adopted by the membership at the 1973 Convention in Boston; 2. Realized the approval and distribution by the American National Standards Institute of the much needed publication "National Standards for Tree Pruning and Trimming" as formulated by a national committee sponsored by the I.S.T.C.; 3. Provided a group insurance program for the association members with the assistance of the Fred S. James Company, San Francisco, Calif.

GOALS TO ACHIEVE IN 1974: 1. Will complete the revision work of two out-of-print publication entitled "Transplanting of Trees and Shrubs" and "Opportunities in Arboriculture;" 2. Will have all back issues and indexes of our monthly magazine "Arborist News" microfilmed for sale and distribution to libaries, institutions, and individuals; 3. Will observe and celebrate 50 years of existence in 1974 by planning the best possible educational program at out annual convention in Atlanta, Ga. In addition, I.S.T.C. will realize the formation of a new chapter in the State of New Jersey.

NATIONAL ARBORIST ASSOCIATION

1750 Old Meadow Road, McLean, Va. 22101 Tel. (703) 893-7374

Robert C. LaGasse, Executive Secretary

Officers and Directors: John A. Shullenbarger, president; W. Roland Shannon, vice president; Thomas A. Morrison, secretary; Boyd Haney, treasurer; Gerald E. Farrens, director; Larry Holkenborg, director; Kenneth Kirk, director; Robert Felix, past president.

Total membership: 213

OBJECTIVES MET IN 1973: 1. The NAA Professional Home Study Program was revised and reprinted as a continuing service to its members and the industry; 2. Published the "Handbook on Forma" which lists over 200 business forms currently being used through the tree care industry. The purpose of the Handbook is to offer members an unparalleled resource by which they can compare the individual needs of commercial tree care companies; 3. Planted the first live national Christmas tree in over 20 years. Working in cooperation with the National Park Service and the Department of Interior, the NAA located, secured, transported and planted a 40 foot Colorado Blue Spruce which will serve as the official Christmas tree for the next 100 years. It is located just behind the White House.

GOALS TO ACHIEVE IN 1974: 1. Emphasize the updating of business education among the members of NAA for the better operation of tree care companies; 2. Research and distribute publications on specific technical problems experienced by the tree care industry, such as

disposal problems, company policies and procedures, the "energy crisis," industry spray practices and other topic vital to the operation of commercial tree care companies.

SPRINKLER IRRIGATION ASSOCIATION

13975 Connecticut Avenue, Suite 310 Silver Spring, Maryland 20906 Tel. (301) 871-8188

Walter D. Anderson, Executive Secretary

Officers and Directors: John H. Stevens, Eugene, Ore., president; James D. Pichon, Zephyr Cove, Nev., president-elect; W. J. Ogle, Lubbock, Tex. treasurer. Directors: Paul B. Bohley, Mansfield, Ohio; Joseph Harris, Lubbock, Tex.; W. H. Lane, Bellaire, Tex.; Thomas W. Crockett, Williaimston, N.C.; Earl Morrison, Billings, Mont.; Taylor Ramsey, Eugene, Ore.; Gary Underhill, Glendora, Calif.; Kenneth B. White, Jr., Winchendon, Mass.

Total membership: 375.

OBJECTIVES MET IN 1973: 1. Publication of the first "Supplement to Sprinkler Irrigation" containing the SIA's first presentation of a section of its textbook devoted to turf irrigation; 2. Establishment of the Waste Water Resources Committee to act as an industry voice and clearing house in the area of land treatment of waste water through sprinkler irrigation in both turf and agriculture; 3. The holding of the first Sprinkler Irrigation Short Course in Fresno, Calif., in December with more than 80 enrollees and a three day program devoted to turf and agricultural principles and practices of sprinkler irrigation.

GOALS TO ACHIEVE IN 1974: 1. Publication of the completely revised and rewritten "Minimum Installation Specifications for Turf Sprinkler Irrigation Systems" expected in mid-winter; 2. Completion of a nation-wide study on licensing laws pertaining to irrigation contractors and complete analysis of existing laws to form a basis for local groups to make recommendations to state legislatures in their areas when licensing of contractors it shows to be desirable and feasible to insure quality and experienced workmanship; 3. Completion of preliminary plans for the establishment of a turf and agriculture correspondence course on sprinkler irrigation to be operated through and administered by the SIA.



WEEDS TREES and TURF 1973 ARTICLE INDEX

KEY: Feature article (fa); news story, (ns); conference report, (cr); book report, (br); obituary, (o); and editorial, (ed); column, (c).

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10 100 (c) 100 (c)			News and Opinion by James A. Sample (ns)	Oct.	25
III. Restricted List Loop for the Countries and Dis			Anniversary (ns) News and Opinion by James A. Sample (ns) (Nitrogen Fertilizer) Three Percent Natural Gas Needed to Produce (gn) Noise Control Act of 1972 (ed)	Nov.	8
Johnsongrass Seed Outlawed in Virginia (ns)	Sept.	. 54	Noise Control Act of 1972 (ed) Noise and the Federal Government (ed) Noise Solution, OSHA Official Describes Noise	Apr.	6
Juska, Dr. Felix V., Turfgrass Authority Dies (o)	Mare	94	Noise Solution, OSHA Official Describes Noise		
Dies (0)	140V.	. 54	Noise Solution, OSHA Official Describes Noise Solution (ns) NE Weed Science Society Explores Growth Retardents (ns) Northwest NGE Seminar Labelled Success (cr.)	Mar.	80
TZ			Retardents (ns) Northwest NGF Seminar Labelled Success (cr)	Mar.	90
K			Nursery Stock, Shipping Infected, Injures	. 1101.	10
Kerb Herbicide Price Reduced Says Rohm & Haas			Credibility (ns) Nutsedge Control Shown in Soil Fumigation Study (nf) Nutsedge Control. Soil Fumigation Study Shows (ns)	Nov.	25
(ns)	Nov.	. 32	Nutsedge Control, Soil Fumigation Study (in)	Mar.	90
Kingstown Bentgrass, Velvet, The Putter's Delight	. Jan.	. 20	Norfolk and Western RR to Promote Greenbelt (ns)	Aug.	74
Kerb Herbicide Price Reduced Says Rohm & Haas (ns) (ns) Kingstown Bentgrass, Velvet, The Putter's Delight by Richard Hurley (fa) Kohler Company adds New Distributor (ns)	May	68			
			0		
Lund of sum and the					
			OSHA Poster Revised by Dept. of Labor (ns)	Dec.	87
Labor-Saving Plant Food by Dr. Robert W. Schery (fa)	Oct.	. 36	OSHA Poster Revised by Dept. of Labor (ns) Oak, Bur, Indianapolis Saved From Destruction (ns) (Oak Wilt Disease) The Silent Tree Destroyer	Dec.	26
Sandwich (ns)	Nov.	. 42	(Oak Wilt Disease) The Silent Tree Destroyer		20
Labor-Saving Plant Food by Dr. Robert W. Schery (fa) (Landfill) Paper Mill Wastes Makes Landfill Sandwich (ns) Landscape Ambassador Joe Show Tells U. S. Story Abroad (nf) Landscape Contractor Prexy Outlines Problem Areas	Nov	46	(Oak Wilt Disease) The Silent Tree Destroyer by Robert L. Anderson (fa) Occupational Safety & Health Act Approved Don't Believe It (gn)	July	20
Landscape Contractor Prexy Outlines Problem Areas		. 10	Don't Believe It (gn)	July	8
(ns)	Aug.	. 82	Occupational Safety and Health Act (OSHA)	June	8
Maintenance, What Does It Cost in Oregon			Checklist (ns) (OSHA) All About, New Booklet Published by Department of Labor (gn)	Jan.	50
by Steve Puett (fa)	Nov	. 10	(OSHA) All About, New Booklet Published by Department of Labor (gn)	Oct.	8
Landscape Contractor Prexy Outlines Problem Areas (ns) Lane County Roadside Program, Vegetation Maintenance, What Does It Cost in Oregon by Steve Puett (fa) Lawn-A-Mat Chemical & Equipment Corp. Acquires Manufacturing Facilities (gn)	July	8	OSHA Official Describes Noise Solution (ns)	Mar.	80
Lawn Care Boom in Chicago (fa)	. Sept.	. 28	Ohio Chapter, International Shade Tree Conference		
Lawn-A-Mat Chemical & Equipment Corp. Acquires Manufacturing Facilities (gn) Lawn Care Boom in Chicago (fa) Laws, Wage/Hour Summary Published by AAN and NLA (ns) Leafspot, Don't Lose Your Turf to (fa) (Leaves) Gold Mine in Disguise (fa) Lebanon Chemical Company Purchases Agrico Chemical	June	54	5 Days (fa) Elects Officers (cr)	Dec.	28
Leafspot, Don't Lose Your Turf to (fa)	Sept.	24	Ohio Nursery Short Course Attracts Record Crowd (cr)	Mar.	87
Lebanon Chemical Company Purchases Agrico Chemical	0.4		Ohio Nursery Short Course Attracts Record Crowd (cr) Ohio Short Course Draws 1850 Delegates (cr)	Apr.	26
(gn) Ledeboer Dr Frederick B Joins Loft's Pedigreed	Oct.	. 8	Ohio Short Course Draws 1850 Delegates (cr) Ohio Short Course, 65 Speakers, 5 Businesses, 5 Days (fa)	Dec.	28
(gn) Ledeboer, Dr. Frederick B., Joins Loft's Pedigreed Seed (ns) Lee, Dr. Orvid, Agronomist, Talks Herbicides and Seed	July	62			
Lee, Dr. Orvid, Agronomist, Talks Herbicides and Seed	Oct	. 22	Ohio's Earn/Learn Concept by J. E. Kinsey (fa)	Oct.	19
Lee, Dr. Orvid, Agronomist, Talks Herbicides and Seed (fa) (Legislation) Federal Environmental Pesticide Control Act (gn) (Legislation) Federal Environmental Pesticide Control	Tueler	9	Onio Sod Producers Hold Field Day and Meeting (ns) Onio Turfgrass Bonanza (cr) Ohio's Earn/Learn Concept by J. E. Kinsey (fa) Optimum Nitrogen Rates Cited As Major Sod Problem (ns) Oregon Seed Trade Assn. Grants \$3500 In Scholarship (ns)	Ton	45
(Legislation) Federal Environmental Pesticide Control	July	0	Oregon Seed Trade Assn. Grants \$3500 In	Jan.	40
Act (gn)	Sept.	. 10	Scholarship (ns)	Oct.	44

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