

Get the right
pressure at the
nozzle...

Go Hypro all the way!



Big jobs or small jobs you need steady, reliable pressure at the nozzle. You get it with Hypro sprayer pumps and accessories: pressure for long discharge lines, for compact portable units, for fine spray or steady stream. That means time savings and application precision that can help you make more money. And Hypro dependability keeps your sprayer on the job, season after season. Get the facts. See your Hypro distributor or write us today.

Hypro High Speed Centrifugal Pumps.

Belt driven. Models available for hydraulic, gear or engine drive, too. Capacities to 130 gpm. Pressures to 170 psi. Speeds to 6000 rpm.



Hypro Piston Pumps.

The Series 5900. 20 gpm at 50 psi—plenty of output for proper agitation. Other Hypro piston pumps with capacities to 25 gpm.



Hypro offers a complete selection of sprayer accessories: gauges, strainers, agitators, ball valves and couplings, and a full line of valves and fittings.

Send for your free
Hypro catalog now.



Hypro

A DIVISION OF LEAR SIEGLER, INC.

347 Fifth Ave NW, St. Paul, MN 55112 • (612) 633-9300

WT&T

EVENTS

Florida Turf-Grass Annual Management Conference and Show, Sheraton Towers Hotel, Orlando, Fla., **Oct. 15-18**. Contact: Florida Turf-Grass Association, 1520 Edgewater Drive, Suite E., Orlando, Fla., 32804, phone: 305/425-1581.

The Irrigation Association Short Course Program, Wastewater Irrigation, Kansas City, Mo., **Oct. 17-19**. Call: 301/871-1200.

National Golf Foundation Fall Luncheon Meeting, The Registry Resort, Scottsdale, AZ, **Oct. 17**. Contact: NGF, 200 Castlewood Drive, North Palm Beach, FL 33409, 305/844-2500.

18th Annual Southern California Turf/Landscape Equipment & Materials Educational Exposition, Orange County Fairgrounds, Costa Mesa, Cal., **Oct. 18-19**. Call: 213/798-1715.

Southwest Turfgrass Conference, Texas Research Center at El Paso, Texas A&M University, El Paso, Tex., **Oct. 19-20**. Dr. Gerald Horst, Texas A&M University, Research Center at El Paso, 1380 A&M Circle, El Paso, Tex., 79927.

Western Garden Writers Symposium and Trade Show, Mansion Inn, Sacramento, Calif., **Oct. 21-23**. Call: 916/448-2881.

13th Annual Wisconsin Golf Turf Symposium, Pfister Hotel, Milwaukee, WI, **Oct. 25-26**. Contact: Bob Welch, 8500 S. 5th Avenue, Oak Creek, WI 53154. 414/764-2300.

Florida Nursery and Allied Trades Show, Curtis Hixon Convention Center, Tampa, Fla., **Oct. 27-29**. Contact: FNATS, Inc., 6535 E. Hillsborough Avenue, Tampa, Fla., 33600, phone: 813/626-4149.

Landscape Industry Cost Accounting Seminar, Empire Room, Newporter Inn, Newport Beach, Calif., **Oct. 28**. Call: 213/941-4900.

National Institute on Park and Grounds Management Eighth Educational Conference, Denver, Colo., **Oct. 29-Nov. 2**. Contact: Erik Madisen, Jr., executive secretary, NIPGM, Executive Offices, National Institute, Box 1936, Appleton, Wisc., 54911, phone: 414/733-2301.

ALCA Design/Build Symposium, Dallas, Tex., **Nov. 8-9**. Call: 703/893-5440.

Eighteenth Annual Missouri Lawn and Turf Conference, Hilton Inn, Columbia, Mo., **Nov. 8-10**. 314/882-7838.

Colorado Annual Pesticide Applicator Workshop, Hilton Inn Airport, Denver, Colo., **Nov. 14-15**. 303/839-2838.

The Irrigation Association Short Course Program, Agricultural Irrigation, Salt Lake City, Utah, **Nov. 14-16**. Call: 301/871-1200.

32nd Annual New York State Turfgrass Conference and Trade Show, The Turf Inn, Albany, N.Y., **Nov. 14-16**. Call: 716/434-5338.

California Landscape Contractors Association Annual Convention, Hyatt Lake Tahoe Hotel, Lake Tahoe, Nev.,

Nov. 19-21. Contact: Mike Leeson, CLCA, 6252 E. Telegraph Road, Los Angeles, Calif., 90040, phone: 213/728-2522.

New Jersey Turfgrass Expo '78, Cherry Hill Hyatt House, New Brunswick, N.J.

Nov. 28-Dec. 1. Contact: Dr. Henry Indyk, Cook College, Rutgers University, P.O. Box 231, New Brunswick, N.J., 08903, phone: 201/932-9453.

ALCA Maintenance Symposium, San Jose Hyatt House, San Jose, Calif., **Nov. 29-Dec. 1**. Call: 703/893-5440.

Minnesota Nurserymen's Association 53rd Annual Convention, Thunderbird Motel, Bloomington, MN, **Dec. 3-5**. Contact: MNA, 2240 Midland Grove Road, Suite 108, St. Paul, MN 55113.

National Fertilizer Solutions Association, 24th Annual Convention and Chemical/Equipment Exhibition, Georgia World Congress Center, Atlanta, Georgia, **Dec. 4-7**. Call: 309/691-2870.

The Irrigation Association Short Course Program, Turf Irrigation, San Francisco, Calif., **Dec. 5-7**. Call: 301/871-1200.

Ohio Turfgrass Conference and Show, Columbus, Ohio, **Dec. 5-7**. Ohio Turfgrass Foundation, 1827 Neil Avenue, Columbus, Ohio, 43210.

Illinois Turfgrass Conference and Show, Ramada Inn Convention Center, Champaign, Ill., **Dec. 12-14**. Contact: Dr. John R. Street, 106D Horticulture Field Lab, University of Illinois, Urbana-Champaign, Illinois, 61801.

Landscape Design Short Courses, Fisher Auditorium, OARDC, Wooster, Ohio, **Dec. 12-14**. Contact: Fred K. Buscher, Area Extension Center, OARDC, Wooster, Ohio, 44691.

National Arborist Association Technical Seminar — Fertilizing Urban Trees, Hyatt Regency O'Hare, Chicago, IL, **Dec. 13-14**. Contact: NAA, 3537 Stratford Road, Wantagh, NY 11793, 516/221-3082.

Maryland Turfgrass Council Turfgrass '79, Baltimore Hilton, Charles Center, Baltimore, MD, **Jan. 8-10**. Contact: Charles Darrach, Dept. of Agronomy, U. of MD, College Park, MD 20742, 301/454-3715.

17th Nebraska Turfgrass Conference, Nebraska Center, University of Nebraska, Lincoln, Neb., **Jan. 8-10, 1979**. Contact: Dr. R. C. Shearman, Turfgrass Specialist, 105 Plant Industry Bldg., University of Nebraska, Lincoln, Neb., 68583.

48th Annual Winter School for Turf Managers University of Massachusetts, Amherst, Ma., **Jan. 8-Mar. 2, 1979**. Call: 413/545-2353.

The Irrigation Association Short Course Program, Center Pivot Irrigation, Denver, Colorado, **Jan. 9-11, 1979**. Call: 301/871-1200.

Landscape Design Short Courses, Fisher Auditorium, OARDC, Wooster, Ohio, **Jan. 10-12, 1979**. Contact: Fred K. Buscher,

ADVERTISERS

Agro-Chem, Inc.....	55, 56	LESCO Prod., Div. of Lakeshore Equip. & Supply Co.	25
Brouwer Turf Equip. Ltd.	49	Lifetime Career Schools.....	60
Bunton Co., Div. Goodall	56	Lofts Pedigreed Seed	27, cover 4
Consolidated Pipe and Tube	60	Mallinckrodt Chem.	43
Cushman Motors/OMC Lincoln	18, 19	Manhattan Ryegrass Assoc.	69
Davey Tree Expert Co.....	30	Monsanto.....	67
Deere & Co.....	4	Mott Corp.	64
DitchWitch, Charles Machine Works.....	11	Perf-a-Lawn	51
Elanco Prod Co.	41	Power Spray Technology.....	21
Excel Ind., Inc.....	15	Princeton Mfg. Co.	23
E-Z Go	36-39	RainBird.....	57
FMC.....	61	Ross Daniels Inc.....	34
Ford Motor Co.	32, 33	Ryan Turf Prod. Co.....	13
Foxcroft Development Assoc.	24	Solo Motors, Inc.	44
PBI/Gordon	58, 59	Spraying Systems Co.	64
Granberg Ind.....	65	S.P.I.C.	cover 2, 3
Gravelly, Div. Clarke Gravelly Corp.....	72, 73	Swift Ag. Chem. Corp.	46
Hypo Pumps	70	Tee-2-Green Corp.	45
Jacobsen Mfg. Co.	6, 7	Tuflex Mfg. Co.	54
Kubota Tractor	52, 53	USS Agri-Chem.	8a-f
		Vermeer Mfg. Co.	62, 63

Area Extension Center, OARDC, Wooster, Ohio, 44691.

New Hampshire Turf Seminar, Sheraton-Wayfarer Motor Inn, Bedford, NH, **Jan. 11-12**. Contact: George Esters, Dept. of Plant Science, University of NH, Durham, NH 03824.

The Irrigation Association Short Course Program, Pumps and Pump Controls, St. Louis, Mo., **Jan. 23-25, 1979**. Call: 301/871-1200.

Southern Weed Science Society 32nd Annual Meeting, Sheraton-Biltmore Hotel, Atlanta, GA, **Jan. 23-25, 1979**. Contact: SWSS, Texas Agricultural Experiment Station, Route 3, Lubbock, TX 79401.

Massachusetts Horticultural Congress, Howard Johnson's 57 Hotel, Boston, Mass., **Jan. 24-25, 1979**. Contact: Deborah Fanning, coordinator, 715 Boylston Street, Boston, Mass., 02116, phone: 617/266-6800.

Mid-Atlantic Agricultural Chemical & Equipment Trade Show, Richmond Arena, Richmond, Va., **Jan. 24-25, 1979**. Contact: N. D. Thomsen, Publicity Chairman, Va. Pesticide Association, Rt. 1, Box 126, Prov. Forge, Va., 23140.

Virginia Turfgrass Conference, Conference Center, Colonial Williamsburg, Williamsburg, Va., **Jan. 24-25, 1979**. Contact: J. F. Shoulders, Dept. of Agronomy, Virginia Polytechnic Institute and State University, Blacksburg, Va., 24061.

15th Annual Northern California Turfgrass & Environmental Landscape Exposition, San Mateo County Fairgrounds, Hall of Flowers, San Mateo, CA, **Jan. 24-25, 1979**. Contact: NCTC, P.O. Box 268, Lafayette, CA 94549, 415/283-6162.

International Society of Arboriculture, Midwestern Chapter Annual Arborist's Seminar, Colony Hotel, 7730 Bonhomme Drive, Clayton, MO, **Jan. 31-Feb. 2, 1979**. Call: 314/863-0400.

ALCA 1979 Annual Meeting & Trade Exhibit, Galleria Plaza Hotel, Houston, Tex., **Feb. 4-9, 1979**. Call: 703/893-5440.

The Irrigation Association Short Course Program, Agricultural Irrigation, Cincinnati, Ohio, **Feb. 6-8, 1979**. Call: 301/871-1200.

New York Turf & Landscape Association Annual Turf & Landscape Conference, Tappan Zee Inn, Mountain View Avenue, Nyack, NY, **Feb. 7, 1979**. Contact: Frank Claps, 136 Laurel Avenue, Larchmont, NY 10538, 914/834-6846.

Wisconsin Arborist Convention, Ramada Inn, Janesville, Wisc., **Feb. 7-8, 1979**. Call: 608/752-0581.

Landscape Design Short Courses, Fisher Auditorium, OARDC, Wooster, Ohio, **Feb. 21-23, 1979**. Contact: Fred K. Buscher, Area Extension Center, OARDC, Wooster, Ohio, 44691.

The Irrigation Association Short Course Program, Turf Irrigation, Calgary,

Advertising Sales Offices

HEADQUARTERS

9800 Detroit Ave.,
Cleveland, OH 44102.
216+651-5500.

Richard J. W. Foster,
General Manager.

NEW YORK

757 Third Ave.,
New York, NY 10017
212+421-1350.

Steven Stone,
Eastern Manager.

CHICAGO

333 N. Michigan Ave.
Chicago, IL 60611.
312+236-9425.

Joe Guarise, Jeff Dreazen

ATLANTA

3186 Frontenack Court, NE,
Atlanta, GA 30319.
404+252-4311.

Richard Gore, Sales Manager.

LOS ANGELES

5455 Wilshire Blvd., Suite 1107,
Los Angeles, CA 90036.
213+933-8408.

John Sanford, Western Manager.

SAN FRANCISCO

582 Market St., Suite 1904
San Francisco, CA 94104
415+982-0110

Robert A. Jobson

SEATTLE

1333 N.W. Norcross
Seattle, WA 98177
206+363-2864

Robert A. Mierow

Alberta, Canada, **Mar. 6-8, 1979** Call: 301/871-1200.

Reinders 4th Turf & Irrigation Conference — Equipment Show — Service Clinic, **Mar. 6-8, 1979**. Contact Ed Devinger, Reinders Bros., Inc., 13400 Watertown Plank Rd., Elm Grove, WI

53122, 414/786-3300.

Corrugated Plastic Tubing Association Annual Convention, Pier 66, Ft. Lauderdale, Fla., **Mar. 12-14, 1979**. Contact Robert Lowe, executive secretary, CPTA, 752 Leisure Lane, Greenwood, Ind., 46142, phone: 317/881-4552.