

EVENTS

The current issue of **WEEDS TREES & TURF** carries meeting dates beginning with the following month. To insure that your event is included, please forward it, 90 days in advance, to: **WEEDS TREES & TURF Events**, 757 Third Ave., New York, NY 10017.

Kentucky Turfgrass Council Conference and Field Day, **Oct. 12-14**. Contact Dr. Powell, Dept. of Agronomy, University of Kentucky, Lexington, KY 40506. (606) 258-5606.

Central Plains Turfgrass Foundation and Kansas State University Turfgrass Conference. Glenwood Manor, Overland Park, KS. **Oct. 18-21**. Contact Larry Leuthold, Extension Horticulturist, Kansas State University, Manhattan, KS 66506. (913) 532-6173.

Turfgrass Fertilization Symposium, Columbus, OH, **Oct. 20-21**. Contact Dr. B.G. Joyner, Plant Diagnostic Lab, Chemlawn, 6969 Worthington-Galena Rd. Suite L Worthington, OH 43085, 614/885-9588.

Southwest Turfgrass Association Annual Meeting, El Paso, TX. **Oct. 21-22**. Contact Arden A. Baltensperger, Agronomy Dept., Box 3Q, New Mexico State University, Las Cruces, NM 88003. (505) 646-3138.

Nebraska Arborists School, Omaha, NE, **Oct. 25-29** Contact Dave Mooter, Nebraska Forest Service, 8015 West Center Rd. Omaha, NE 68124, 402/444-7804.

Atlantic Seedsmen Association Annual Convention, Fort Magruder Inn, Williamsburg, VA, **Nov. 3-5**. Contact Margaret Herbst, 230 Park Avenue, New York, NY 10017, 212/685-5917.

Columbia Lawn and Turf Conference, Missouri Valley Turfgrass Association and University of Missouri, Ramada Inn, Columbia, MO. **Nov. 3-5**. Contact Nik Palo, 344 Hearnes Bldg., University of Missouri, Columbia, MO 65211. (314) 882-4087.

National Landscape Maintenance Conference, Dallas, TX. **Nov. 7-9**. Contact Associated Landscape Contractors of America, 1750 Old Meadow Rd., McLean, VA 22102. (703) 821-8611.

New York State Turfgrass Association Conference and Trade Show, Rochester, NY. **Nov. 9-11**. Contact

NYSTA, 210 Cartwright Blvd., Massapequa Park, NY 11762. (516) 541-6902.

California Landscape Contractors Association Annual Convention, Hawaii, **Nov. 10-14**. Contact CLCA, 916/448-CLCA

Professional Grounds Management Society Conference and Trade Show, Vacation Village, San Diego, CA. **Nov. 14-18**. Contact PGMS, 7 Church Lane, Pikesville, MD 21208. (301) 653-2742.

Metropolitan Shade Tree Conference, Arlington Knights of Columbus Hall, Arlington, VA. **Nov. 18**. Contact Bruce Whiton, Virginia Cooperative Extension Service, 901 Wythe St., Alexandria, VA 22314. (703) 838-4333.

New Jersey Turfgrass Expo, Atlantic City, NJ. **Dec. 6-9**. Contact Dr. Henry Indyk, Soils and Crops Dept., Cook College, Rutgers University, PO Box 231, New Brunswick, NJ 08903. (201) 932-9453.

Ohio Turfgrass Conference, Ohio Center, Columbus, Oh. **Dec. 7-9**. Contact Dr. John Street, OTF, 2021 Coffey Rd., Columbus, OH 43210. (614) 422-2601.

Oklahoma Turfgrass Research Foundation Annual Meeting. Hilton Inn, Oklahoma City. **Dec. 8-10**. Contact Dr. R.V. Sturgeon, Exec. Secretary, 115 Life Science Bldg.-East, Oklahoma City, OK 74078. (405) 624-5643.

ALCA Annual Convention, Miami, FL. **Jan. 15-21**. Contact Associated Landscape Contractors of America, 1750 Old Meadow Rd., McLean, VA 22102. (703) 821-8611.

Update on Tree Care for the Professional, University of New Hampshire, Durham. **Jan. 18-19**. Contact J. Karen Kauler, University of New Hampshire, Div. Continuing Education, Brook House, Durham, NH 03824. (603) 862-1088.

Tropical Plant Industry Exhibition, Miami, FL. **Jan. 20-22**. Contact Tropical Plant Industry Exhibition, PO Box 16796, Temple Terrace, FL 33687. (813) 988-7198.

Pennsylvania Turfgrass Conference and Trade Show, Hershey Lodge and Convention Center, Hershey, PA. **Feb. 28-Mar. 3**. Contact Christine King, Executive Secretary, PTC, 412 Blanchard St., Bellefonte, PA 16823. (814) 355-8010.

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help you get the job done right!



Whether you're spraying fertilizer or herbicides or insecticides, Hypro Series 9200 pedestal-mount centrifugal pumps give you nozzle pressures to get the job done right! Even with those long discharge lines, Hypro centrifugals deliver. Check 'em out. Rugged, dependable, economical Hypro centrifugal pumps—and a full line of accessories. Send for your free Hypro Sprayer Pump Handbook or pump catalog today.

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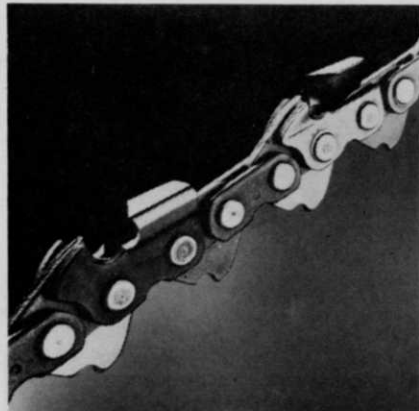
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Circle No. 110 on Reader Inquiry Card

PRODUCTS

Chain cuts kickback by 75 percent

The Raker III saw chain from Homelite can reduce kickback forces by as much as 75 percent compared to con-



ventional saw chains without sacrificing cutting and boring performance. The chain comes in 16, 20 and 24-inch

lengths. The key to the chain's safety is three instead of one rakers per cutter.

Circle No. 130 on Reader Inquiry Card

Front drive Rampage provides economy, utility

Chrysler Corporation adds another gas miser to its truck line with the Rampage, the first American front-

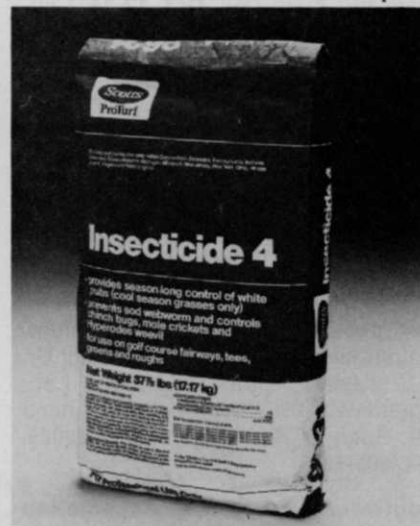


wheel-drive small pick-up. It gets an estimated 26 mpg city and 40 mpg highway and can carry a 1,140 lb. payload as well. The truck features a 2.2 liter engine, double-wall box, large disc brakes, and a five-speed manual transmission.

Circle No. 131 on Reader Inquiry Card

Season-long control of grubs from Scott

Insecticide 4 from O.M. Scott & Sons provides season-long control of grubs as well as control of chinch bugs, mole crickets, sod webworms and Hyperodes weevils. It can be used on a pre-



ventative or curative basis on golf course greens, tees, or fairways of Kentucky bluegrass, bentgrass, perennial ryegrass, fine fescue, Poa annua, bermudagrass and St. Augustine.

Circle No. 132 on Reader Inquiry Card

Scientific Guide To Pest Control Operations

by Dr. L.C. Truman
Dr. G.W. Bennett and
Dr. W.L. Butts



Domestic: \$29.50* (hardcover)
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The SCIENTIFIC GUIDE TO PEST CONTROL OPERATIONS is designed to provide a sound basis for studying the scientific aspects of pest control and promote technical competence. It places emphasis on urban and industrial pest problems. This volume also covers the laws and regulations concerning the pest control industry.

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WTT 102

Quantity rates available upon request.

Please allow 6-3 weeks for delivery

Wider cut for faster trim mowing

Sensation Corp. maintains easy handling and ruggedness while providing a wider cutting swath. The new 36-inch commercial mower is available with an 8-hp Briggs and Stratton engine or an



11-hp Honda or Briggs and Stratton engine. The durable mower also can be used with two grass catcher models or a sully.

Circle No. 133 on Reader Inquiry Card

Compact loader offers 4-wheel drive

The General Inc. L-400 with four-wheel traction and articulated steering lets you work in tight spaces and still



5/8 cubic yard,
53 hp,
4-wheel drive,
articulated
loader

have 53 hp of strength. The unit can haul 5/8 yard of material at one time.

Circle No. 134 on Reader Inquiry Card

Seven horses of replacement power

Kawasaki's FG 300 has been built to provide lower vibration and longer wear for replacement or original



equipment engines. The 7.5 hp, four-cycle engine has heavy duty ball bearings on the crankshaft and a counter-balance shaft for quieter performance.

Circle No. 135 on Reader Inquiry Card

Vermeer introduces handle-bar model

Vermeer's new handle-bar stump cutter features an 18-hp Briggs and Stratton engine. The 410-lb. unit has an electric jack which places pressure on the cutting wheel. Model 618 cuts 30-inches wide and eight-inches below the surface with a 16-inch cutting



wheel. It can also be towed behind a car or truck.

Circle No. 136 on Reader Inquiry Card

Auger provides replaceable point

Feldman introduces a new replaceable fish tail pilot point for its portable earth auger. According to the company, the fish tail design affords more efficient ground penetration in clay, sandy and stony soils. A 3-hp gasoline engine centrifugal clutch, and low gear ratio are featured. The auger comes in 2, 4, 6, and 8-in. diameters.

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Put a WHIRLWIND FORCE to work to SWEEP UP LEAVES, LITTER, etc!

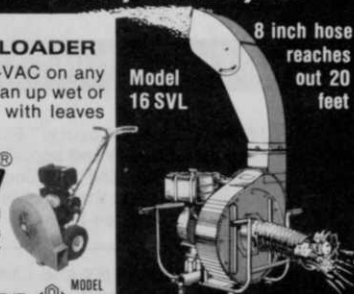
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HAUL THIS 16 horsepower MI-T-VAC on any truck (or trailer we make) and clean up wet or dry problems. Fills dump truck with leaves in 25 minutes!

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WANT TO BUY OR SELL a golf course? Exclusively golf course transactions and appraisals. Ask for our catalog. McKay Golf and Country Club Properties, 15553 N. East Street, Lansing, Michigan 48906. Phone (517) 484-7726. TF

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USED EQUIPMENT

HI-RANGERS AERIAL BASKETS 65', 57', and 53'. Skyworkers aerial baskets 65', 50', 40'. Vermeer stump cutter 1560.6. Vermeer tree spade 66, TS 44. Asplundh bucket and brush chippers, Bean sprayer, 9 ton trailer. Parkway Tree Service, 12026 W. Cherry, Wauwatosa, Wisc. 53226. (414) 257-1555. TF

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1967 Ford F-600, 42' Skyworker bucket, auxiliary power-air compressor & hydraulic, air at bucket. Also PTO pump. Very good condition. \$6,900.00. Lakeside Tree, (216) 486-8836 after 6:30 p.m.

Hi-Ranger Bucket Trucks—90', 70', 65', 52' and 48', also Asplundh, McCabe, Pitman and Skyworker. Brush chippers, Vermeer stumpers, Prentice loaders, Vermeer TS 44 and 66, small cranes. Allied Utility Equipment, Inc., W204 N11509 Goldendale Road, Germantown, Wisconsin 53022, (414) 255-6161 Anytime. TF

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1,250-gallon stainless steel tanks. Mechanical agitation. FMC 20 gallon/minute pump. Hanney electric reel. Ford F600 and Chevy C60's—'76's, '77's, '78's and '79's.

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8 Spyder Forklifts—Extendafork, 4 wheel drive, two-stage mast & standard models. \$9,000.00 & up. 1 Princeton Tow-Boy—cut 140 acres. \$10,900.00. 1 Lely Roterra 200-20 series, 80" working—demo unit \$3,900.00. 1 Howard 48" Rotovator—demo unit \$1,800.00. 1 Brouwer Sod Harvester, Ford 3600 mounted—in excellent condition \$24,000.00. Rayco Distributing—(509) 483-6407. Will also buy and consign turf equipment. Will arrange delivery. 10/82

FOR SALE

CLOSEOUT SPECIAL! Save your back issues of WEEDS TREES & TURF and save money at the same time. We're closing out our line of permanent binders at the special price of two for only \$7.50! (This is a \$7.00 savings over our regular price plus postage and handling.) Orders will be filled as long as our supply lasts—quantities are limited. Order your binders today from: Book Sales, HBJ PUBLICATIONS, One East First Street, Duluth, MN 55802. TF

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TREE SPRAYERS AND TRUCKS FOR SALE—John Bean, 1000 gallon tank with 60 gpm pump \$9,800. Meyers, with 1000 gallon stainless steel tank 60 gpm pump, like new \$14,900. Sewer jet converted tree sprayer, 1000 gallon tank 60 gpm pump \$9,500. All three units come with Hanney reels, hose, guns and 200 gpm thrash pumps. 1973—700 series 12' dump truck, \$5,700. 1969—750 series, 16' winch truck, dual rear, \$4,500. All in excellent condition. For information call Schmiede Tree Expert Co., 351 Terrill Road, Fanwood, New Jersey 07023. (201) 322-9109.

FOR SALE—1975 John Bean 60 gal. per minute hydraulic tree sprayer. 1000 gallon stainless steel tank—65 horsepower. Refiller, hose reel, hose and one gun included. \$11,000. Call (203) 872-4513 evenings. 11/82

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LAWN SEED. Wholesale. Full line of top quality grasses. Improved bluegrass varieties, fine fescues and fine bladed ryegrasses. We specialize in custom mixing. Olinger Seed Company, 2705 Wingate Avenue, Akron, Ohio 44314. Call collect (216) 753-2259. 4/83

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MISCELLANEOUS

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HELP WANTED

Help Wanted: Golf Pro—Pro Shop Manager—18 hole golf course. Should be P.G.A. member. Would consider retired or semi-retired person. Send resume to: Henry Walters, General Manager, Municipal Recreation Improvement District, Clubhouse Road, Horseshoe Bend, AR 72512. 10/82

LANDSCAPE MAINTENANCE SALES—Innovative, expanding landscape company is accepting applications for sales representatives in Dallas, Houston and Oklahoma City markets. Respondents must have experience in landscape maintenance on a technical level, and a comprehensive sales background; Degree in agricultural sciences preferred. Apply to: Maintain Incorporated, Attn: Branch Manager, 2549 Southwell, Dallas, Texas 75229 (214) 241-2202. 11/82

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GROUNDS MAINTENANCE/LANDSCAPE SUPERVISOR—Seeks challenging position. Schooling, field application in landscaping design and maintenance. Resume upon request. Jack Pinegree, 303 Old Oak Rd., Newark, Delaware, 19711. (302) 731-4082 8/83

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WANTED

WANTED—Large Lindig & Royer Soil Shredders. Lewis Equipment Co., 320 Third Street S.W., Winter Haven, Florida 33880 (813) 294-5893. 12/82

9 row Beck Zoysia Plug Planter. Contact: Ed Keeven Sod Co., Inc., R.R. #3, Box 598, O'Fallon, Mo. 63366 (314) 272-5151 10/82

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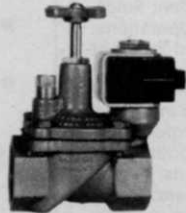
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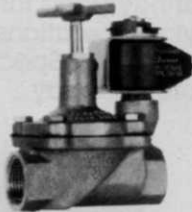
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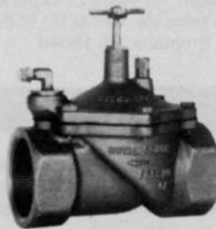
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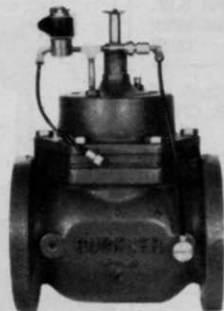
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Circle No. 118 on Reader Inquiry Card

We're not just in the golf car business.

We're in the golf course business.

Our president, Joseph Noll, looks at golf cars a little differently than other manufacturers do. He's been deeply involved in the *business* end of golf for over 25 years. He has been a country club president, and a volunteer in many club and course organizations. Currently a director and an officer of the National Country Club Association and a director of the Greater Milwaukee Country Club Association, Mr. Noll knows that a golf car is an important, specialized piece of equipment.

And he knows something else: a quality golf car is important to a quality golf course.

In 1982, when Columbia purchased the golf car division of Harley-Davidson, Mr. Noll had the opportunity as president to make this awareness the foundation of something important. Prior to this purchase, an extensive survey of all golf car products was made, and he came to the firm conclusion that Harley-Davidson built the best golf car in the world. And he knew he could make it even better.

Introducing the Columbia Car Corporation.

Columbia has a single purpose. With the special understanding we have of the role golf cars play in the golf club business, we've chosen to concentrate our efforts toward one end—producing golf cars of uncompromised quality. Every Columbia car coming off the line will deliver what the best club management is demanding today: economy, efficiency, reliability, longevity. That's not just a commitment for the future. It's a rock-solid reality today.

Ours are the only golf cars made in America with an American engine. Every Columbia is manufactured at our plant in Deerfield, Wisconsin, a place where the work ethic that established American manufacturing excellence still thrives. And we've just expanded to an adjacent building giving us 154,000 square feet of total manufacturing space.



We stand behind what we sell.

We give you a two-year warranty on the drive train of our gasoline powered cars. That's *twice as long* as any other company offers! We have the confidence because we have the products.

Our involvement doesn't stop at the end of the production line. In fact, Columbia has the largest dealer network of any golf car manufacturer. It's also recognized as the finest service organization in the industry. So you can count on fast, expert service wherever your course is located.

We do more than sell golf cars.

We strive for increased quality to improve performance and dependability. To reduce maintenance costs. To increase user satisfaction. To innovate in the areas of efficiency, comfort, and luxury accessories. To continue to educate and encourage our dealers so that you'll never be kept waiting or wanting.

Get to know us better.

We're ready to be your number one source for golf cars, and we're anxious for you to know more about Columbia. Our dealers have the details about the golf car company that understands *your* business. Contact the one nearest you, today.

If you have any questions, please call Mr. Noll at his toll-free number, 1 800 222-4653. If you prefer, write to him. Joseph Noll, Columbia Car Corporation, P.O. Box 3069, Madison, WI 53704.

COLUMBIA

Here for the long ride.