

— classifieds —

When answering ads where box number only is given, please address as follows: Box number, c/o Weeds Trees and Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

Rates: "Position Wanted" 10¢ per word, minimum \$3.00. All other classifications 20¢ per word, minimum \$4.00. All classified ads must be received by Publisher the 10th of the month preceding publication date and be accompanied by cash or money order covering full payment. Bold-face rule box: \$25.00 per column inch.

HELP WANTED

HORTICULTURE INSTRUCTOR. Prefer B.S. degree and minimum of 3 years' field experience. Able to teach Turf Management, Pesticide Application, Landscape Design and Construction, and be familiar with operation and servicing of horticultural equipment. Send resume before June 30, 1973, to: Natural Science Division, Edmonds Community College, 20000 68 Ave., West, Lynnwood, Washington 98036.

DISTRIBUTORS for D. J. Andrews, Inc. stump cutter teeth, pockets and bolts. Best wholesale and retail price in U.S.A. Add to this exclusive area, local advertising at our expense, etc., and you have our story. D. J. Andrews, Inc., 17 Silver St., Rochester, N.Y. 14611. Call 716 235-1230, or 716 436-1515.

have learned how to make the material, normally a precursor of the gypsy moth pheromone, or sex attractant.

In tests last year, Dr. Doane and Dr. Ring Cardé of the New York State Agricultural Experiment Station confined scented female moths in sticky traps. Within 15 minutes, 20 to 40 males were commonly attracted to one scented female. When a tiny amount of the inhibitor was placed in the trap near the female, males approached but immediately flew away without entering the trap.

This year the inhibitor will be dispersed over a small area to evaluate its ability to prevent mating of females in their natural environment.

Dr. Doane will also continue his research on a virus disease that commonly decimates gypsy moth larvae populations. But it does so after infestations become heavy, which means after a year or two of heavy defoliation.

This year Dr. Doane will introduce the virus artificially into what he has determined is a new infestation, essentially virus-free.

Any one of several outcomes is possible. He may be able to reduce sharply the number of gypsy moth larvae before they have caused excessive defoliation. Or examination of eggs laid by this 1973 generation may show that a high percentage of them are carrying the virus.

POSITIONS WANTED

GROUNDS SUPERINTENDENT or Horticulturist position wanted. M.S. in Ornamental Horticulture plus over 6 years of experience including: planning and supervising a wide variety of landscaping and grounds maintenance projects as well as preparing budgets, purchasing supplies and equipment, and teaching. Resume sent on request. Box 100, Weeds Trees & Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

DESIRE POSITION as field supervisor with city, county, or state shade tree activity. Five years of first-line supervision in municipal arboriculture. Married, two children. Military obligation complete. Willing to relocate; prefer northern U.S. Resume sent on request. Box 102, Weeds Trees & Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

MISCELLANEOUS

MR. SOD GROWER:

A few territories are still open for a growers franchise of Warren's A-20 and A-34 Bluegrasses. Both grasses are rated highest by universities doing turfgrass research. For particulars write:

WARREN'S TURF NURSERY
8400 West 111th Street
Palos Park, Illinois 60464

TREE APPRAISALS, SURVEYS, loss evaluations and expert consultation services. For names of members of the American Society of Consulting Arborists, Inc., throughout the country, contact: Executive Director ASCA, 12 Lakeview Ave., Milltown, New Jersey 08850.

SEEDS

LAWN GRASS SEED — Full line including sod-quality Merion, Fylking, bluegrasses, fescues, bentgrasses, ryegrasses, etc.

We specialize in custom mixing.

OLIGER SEED COMPANY
P.O. Box 3765, Akron, Ohio 44314
Phone 216/753-2259

CROWN VETCH SEED: Penngift and Chemung varieties. Direct all inquiries to: Walter C. Mehlenbacher, Castile, New York 14427. Phone 716 493-2553.

ALL VARIETIES, straight or mixed to specifications, bluegrasses, fescues, bents, others. Markell Seeds, P.O. Box 3397, Green Bay, Wisconsin 54303. Phone 414 437-0851.

SOD QUALITY MERION SEED for discriminating growers. Also Fylking, Delta, Park, Newport, Nugget and Pennstar bluegrasses as well as fine fescues. We will custom mix to your specifications. Michigan State Seed Company, Grand Ledge, Michigan 48837. Phone 517 627-2164.

FOR SALE

DOUBLE EDGE sod cutter blades. Will fit any Ryan sod cutter. Works like double edge razor blade. Cuts much more sod per blade. Made to bolt on both ways. \$24.00 plus postage. New automatic sod loaders for direct loading to pallets, trucks or trailers. No workers needed on ground. Both products developed and designed by Hadfield. Write or call Glen Hadfield, 4643 Sherwood, Oxford, Michigan 48051. Phone 313 628-2000.

LUCRATIVE TREE BUSINESS for sale in N.W. New Jersey with customers. Will sell all or part. Asplundh 1972 12" Chipper and GMC 1966 Asplundh bucket truck; 1965 International flatbed dump (new engine); 1955 Chevrolet winch truck. Write: Richard Mischiara, 41 Woodside Ave., Newton, N.J. 07860.

PROFITABLE TREE BUSINESS. western Pennsylvania, excellent large clientele. All forms tree care (30 acre nursery optional); also buildings, 2 homes if wanted. Equipment included. Owner assistance if necessary. Reply Box No. 101, Weeds Trees & Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

ARPS stump cutter teeth, top quality and best price in U.S.A., D. J. Andrews, Inc., 17 Silver St., Rochester, New York 14611. Call 716 235-1230.

USED EQUIPMENT

FOR SALE: Two used 1963 John Beam Model 520 MT self contained spray rigs and tanks. Units are located at Iron River, Michigan. For further details and arrangements to inspect the units contact Mr. Mike Kraus at Wisconsin Michigan Power Co., 1401 S. Carpenter Ave., Iron Mountain, Michigan, Phone 906 774-3000.

FOR SALE: Roseman mowers, 5 gang, \$650.00; 7 gang, \$900.00; 13 gang, \$2,100.00. Ryan sod cutter and cart, \$1,550.00. Oliver super fork lift, \$2,900. Towmotor fork lift \$1,500.00. 130 acre farm with sod, building, etc., \$50,000.00. IHC tractor 504, high clearance, wide front, \$375. Phone 414 326-5267.

RECONDITIONED brush chippers, sprayers, log splitters, stump routers, bucket trucks. Let us know your needs. Equipment Sales Company, 5620 Old Sunrise Highway, Massapequa, New York 11758. Phone 516 799-7619.

LINDIG SHREDDER FOR SALE, 1969 Model FT30. Original cost \$3,658.00. Excellent condition. Will accept best offer. Contact Cut 'N Care Landscape, 3021 Swann Ave., Tampa, Florida 33609.

EDUCATION-BOOKS

LEARN AUTOMATIC IRRIGATION — Complete self-taught course and textbook on fundamentals. Design, operation, maintenance, installation, pipe, equipment. Latest developments in automatic turf and landscape irrigation. New Edition now only \$49.50 postpaid. California add tax. Send check, order or request for free outline. Larson Company, P.O. Box 4453, Santa Barbara, Calif. 93103.

trimmings

SHRINK-WRAPPED on pallets is the latest method to deliver environmental protection chemicals. Rohm and Haas Company has just introduced this method in shipping Dithane fungicides and Tok E-25 herbicide to its customers. Weather protection, ease of handling, compactness and other advantages were cited for this packaging feature.

WOODEN POSTS are superior to steel posts as highway guardrail supports, according to recent tests by Forest Service scientists. For machine installation in rocky soils the technologists report that posts made of wood resist damage below the groundline better than steel. Actually, both materials perform well when machine driven. But the potential damage underground prompted the scientists to begin ascertaining just what does go on out of sight. They tested 36 wooden and 26 steel guardrail posts in a rock-filled base that was topped with limestone gravel and shale. Seven steel posts were damaged compared to only two wooden posts.

TREES FOR TODAY AND TOMORROW (TTT) is a program designed to control the spread of Dutch Elm Disease in the Denver area. The action Force on Environment committee of the Denver Chamber of Commerce has contributed \$1500 to the program. Last year another \$1500 was contributed to TTT to aid in the removal of dead and dying elm trees.

EVERYTHING you ever needed to sell pumps . . . and then some has opened the door for the F. E. Myers & Bro. Co. The latest innovation is a complete line of distinctive business uniforms. A Myers representative can now purchase trousers, jacket, shirts, service suits, coats, raingear, caps, ties and belts through the company. Myers is putting the saying "Clothes Make The Man" into practice.

FIELD BURNING for Oregon seed producers and processors has now been put into a report by Oregon State University. It deals with past and current field burning research conducted by the university. For a copy of the report, write Bulletin Clerk, Oregon State University, Corvallis, Ore. 97331.

IT'S OFFICIAL. The U.S. Department of Commerce says that consumers in 1971 spent close to \$1.6 billion on horticultural pursuits. This is about \$20 million more than is spent on local trolley, rail and bus transportation and \$200 million more than is spent to repair radios and television sets. Figuring 220 million Americans, that's about \$7.27 per capita.

ACCIDENTS are caused by people taking chances, according to a recent Ohio survey. One risk too many rates as the highest cause of accidents. In a survey of disabling accidents, operators of machinery cited failure to shut off the power as the major cause. Other reasons given for accidents included hurrying to meet deadlines, thinking about other jobs, being worried or distressed, daydreaming, etc. Mechanical failure was cited in only one accident.

SIBERIAN ELM CANKER studies in South Dakota show canker incidence more severe in the eastern half of the state than elsewhere. In a representative statewide survey in 11 counties, average canker incidence ranges from two percent to 39.8 percent in four-year-old trees. In eight-year-old trees, the disease averaged from 13.5 percent to 77.8 percent. This may severely limit

the usefulness of Siberian elms in shelterbelt plantings.

FIVE ACRES OF SAND TRAPS used to keep Dick Vande Walle, superintendent of the Highland Spring Municipal Golf Course high stepping as lively as Fred Astaire. With nearly 218,000 square feet of sand traps to keep in a playable condition, he found little time for more important tasks. Dick discovered a solution to his problem, however, when he purchased a Toro Sandpro. For about \$1650 he can rake an average of 15 traps an hour and still have time for a cup of coffee. His machine has three wheels, total hydraulic and is like riding an all terrain vehicle. Dick says the machine "more than pays for itself" in one season.

BROUWER BOOSTS BUSINESS in Canada with a feature story and color picture in the Canada Courier, a tabloid trade paper. The story is about Brouwer's sod harvester and its capabilities. The unit can cut, roll and load up to 1,300 square yards an hour. Just in case you're wondering how many square meters this is, the article reports the figure at 1,086m². In fact, all dimensions are given in standard and metric measurements.

Spray Deodorant For Club Pond

High rainfall in an area near Waukegan, Illinois, caused septic systems to overflow into a small stream serving a one-acre pond averaging 3 feet in depth on the Orchard Hill Country Club. Strong septic odors soon provided an extra hazard on the course. The pond's fish began dying, too.

To clear up the situation, club management opted for a "spray deodorant": potassium permanganate (KMnO₄) in a water solution sprayed directly on pond, stream, and banks.

The club called the chemical manufacturer, Carus Chemical Co. of LaSalle, Illinois, for help and a service representative arrived the next day with five kegs of the permanganate. Mixing 40 pounds of it with 200 gallons of water in the club spray unit, the Carus rep, E. H. Puzig, and club Superintendent, Henry Barnes, first sprayed the stream and its banks at the point where it entered club property. The septic odor almost immediately disap-

peared, leaving only a sweetish residual odor.

The treatment was continued, spraying stream and lake with a total of 400 gallons of solution containing 80 pounds of KMnO₄.

A golf cart inspection tour of the area after treatment by Puzig and Barnes turned up only one spot where odor could still be detected, the point where the stream entered the property. Puzig and Barnes rigged a tank of KMnO₄ solution to trickle into the stream there, which was flowing at about 200 gpm.

A check after several days found that the septic odor was completely gone and fish were no longer dying.

Potassium permanganate is an extremely powerful oxidant that chemically combines with odorous and toxic materials, altering them to innocuous compounds. Because of its ease of use, immediacy of effect and relative economy, it is finding wider and wider application in air, water and waste treatment practices.

And the green grass grows all around

Anyone can show you lush, green grass — on someone else's course. Rain Bird shows you the exclusive features of our Pop-up Sprinkler, Model 51, that let you grow your own. For instance...

The highest pop of any sprinkler (2-5/16"). Grass can't distort the distribution pattern. You get uniform growth — no dry rings or wet spots.



Special nozzle features assure a tight, wind-resistant stream for longer throw and equally efficient close-in watering without puddling. That means even growth throughout a greater area.



Positive retraction spring prevents heads from sticking up — a hazard to mowers and sprinkler heads. There's no danger of missed waterings or cuttings.



Positive seal features mean maximum pressure through the nozzles — with easy accessibility of parts promoting faithful maintenance.

Don't settle for pretty pictures. With Rain Bird at work, you can see all the lush, green grass you like. It grows all around — all around your course.

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