SHORTCUTS

TREE CARE

Arborists win battle with OSHA regulation

The Occupational Safety and Health Administration has conceded to the National Arborist Association on a proposed "Electrical Safety-Related Work Practices" rule, according to the N.A.A.

The proposed regulation would have made it impossible for any person to enter a tree which was closer than 10 feet to an energized conductor unless that person was a Qualified Line Clearance Tree Trimmer doing work "directly associated" with the transmission and distribution of electricity.

"Basically, what we did was submit written testimony," says N.A.A. executive vice-president Robert Felix. "We made them recognize the fact that a qualified tree worker can work around electrical conductors. Their regulation had included utility tree workers only."

Also, the proposal would have made it possible for different members of a crew to be regulated by different OSHA rules on the same day, or whole crews being subject to one OSHA rule on one job and a different OSHA rule on another.

Under cross-examination by attorney Steven R. Semler, OSHA clarified the points of contention, conceding on the record to each of the concerns that had been presented in the NAA's testimony.

Testimony came from NAA members Gerald Duke, Walter Money and Erik Haupt.

CONFERENCES

Expo seminars are comprehensive

The third annual Landscape Exposition, to be held Oct. 22-24 at the Nashville (Tenn.) Convention Center offers attendees a comprehensive seminar program.

The Landscape Exposition seminars, taught by recognized industry authorities and educators, deal with topics from regulatory issues to management strategies to the most recent technical developments. Titles include:

• Weed management in cen continued on page 14 ALL IN A DAY'S WORK...Edgell Communications takes pride in its Cleveland, Ohio, landscape. When the summer drought hit, the grass turned brown in spots, despite irrigation. The situation had Ken Erman and Tom Sprague—like many other landscape managers this year—scratching their heads. However, in late July when rains finally came, the grass finally greened up. One employee, tongue in cheek, asked the pair how they magically brought the turf "back to life." Their answer? "Tricks of the trade," said Sprague. "We prayed a lot," noted Erman.

A DRY IDEA.....Elsewhere in Cleveland, companies were doing special promotions this summer. For instance, if you were the fifth caller to respond to a WGAR-AM radio contest, you won a much-needed yard watering courtesy of the Brunswick branch of ChemLawn. Twice a week the company applied 400 gallons of water on the parched lawns of three listeners as part of the station's "Hoser Patrol" promotion. "I chuckled a bit when they first mentioned the idea, but here we are doing it," said ChemLawn branch manager Jeff Vorndron, who was joined by a station disc jockey to conduct live broadcasts from each site.

JUMBO PLUGS... That's what you get with extra-large hollow coring tines, according to Parks & Sports Grounds magazine of London, England. The tines have been satisfactorily tested, the magazine says. The reasons for pulling larger plugs are to (1) allow more effective use of topdressings and (2) remove more thatch.

SAME PRODUCT, NEW NAME...Geomatrix Systems, formerly part of the BASF Fibers Division, has a new name—Akzo Industrial Systems Co.—since being purchased from BASF in May. The company manufactures Enkamat and Armater Geomatrix for erosion control and Enkadrain subsurface drainage matting. Questions regarding Akzo products can be directed to the company at P.O. Box 7249, Asheville, NC 28802; (704) 258-5050.

NO WAY OUT...is what prison officials at an Ohio minimum security prison in Mansfield wanted when they asked David Burroff what type of grass they should plant in and around the facility. Burroff, owner of Exterior Design, Inc., Fort Wayne, Ind., put in a mix of 60 percent Nugget Kentucky bluegrass, 20 percent white clover and 20 percent annual ryegrass. Since the grass outside is mowed only twice a year, officials wanted a turf that wouldn't grow too high and consequently offer an escaped prisoner a place to hide. "There's good logic in that thinking," said Burroff, "but I don't think they'll be able to get out anyway."

It Stopped Just To Have Its P

You're witnessing a rare sight. Toro's Reelmaster® 450-D actually standing still. A rare sight because the Reelmaster 450-D is so dependable that it goes and goes and goes. Giving you the high capacity mowing and precise even cutting you've been looking for.

> Each cutting unit is connected to a universal joint, so it can float freely in any direction, following the contour of the turf for an even, uniform cut. Or can be locked in a fixed position.

The Toro 450-D gives you protection against hydraulic fluid leaks. Wherever possible, hoses have been replaced with strong steel lines and O-ring seals protect connections. A hydraulic warning system flashes an alarm when the fluid level drops. For easy servicing, test ports for the hydraulic system are right on the side of the machine.

The Toro Company, Commercial Marketing Services, 8111 Lyndale Ave. So., Minneapolis, MN 55420.

The Reelmaster 450-D can be customized with these accessories: ROPS, Cab, 5and 7-bladed reels, rollers and thatching reels.

NORO

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Toro's exclusive variable clip control allows you to calibrate reel speed and mowing speed to give you the highest quality of cut in varying course conditions. Combine that with faster mowing speeds, up to 7.5 mph and 12.5 mph transport speed, and you're going to witness an increase in productivity. All controls are in easy reach of the operator to provide greater comfort.

The 450-D is designed with its weight evenly distributed around a center-mount 50 hp engine for better balance. This means more uphill climbing ability than other machines and better traction.

Compared to tractor gang mowers, the Toro 450-D weighs less and is equipped with wide 31-inch tires that spread the weight for the lowest PSI, further minimizing turf marking.



For faster, easier mowing with more beautiful results, call your

local Toro distributor for a demonstration of the Reelmaster 450-D or contact Toro at the

address below. A machine built from the ground up with proven Toro design experience. And that translates into the kind of productivity no one can argue with. That K



The Professionals That Keep You Cutting.

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NEWS/TRENDS

by the Editorial Staff

Changing public images

■ Golf course superintendents have a bit of a recognition problem, says Gary Mazzeo of the Grantwood Recreation Park in Solon, Ohio. "Superintendents are recognized as greenskeepers or not at all," he comments. "It's a struggle for recognition."

While entertaining, Bill Murray's portrayal of Carl Spagler in the movie "Caddyshack" did little to improve the reputation of most superintendents.

Improving the perception at the high school level is a start, Mazzeo says. He suggests superintendents speak at local career days. Also, he believes supers should offer their expertise to area high schools to improve athletic field conditions. "Superintendents can help cut down injuries and get recognition in the community," he explains.

Mazzeo also stresses the importance of public course supers participating in local superintendents' associations. He feels that public courses are not as well represented at these associations.

AMA reports on pesticides

Although studies show many chemicals used in pesticides can cause genetic damage or cancer in animals, only two have been proven to cause cancer in humans, says a recent report in the Journal of the American Medical Association.

Except for arsenic and vinyl chloride, there is a great uncertainty about the human cancer-causing potential of hundreds of other pesticidal agents, says the report. Animal and in vitro tests are not reliably predictive of human carcinogenicity, and epidemiological studies often fall short of establishing definite links between chemical exposure and cancer in humans, it says.

The report also notes: "The decision whether to regulate a suspected carcinogen is not uniformly applied by all federal agencies concerned, (but) agencies have been fairly consistent in regulating a substance when it is expected to cause an increase of more than four cases of cancer per 1,000 persons; no regulation is likely if the expected increase is less than one in a million."

Of days to come

■ Jerry Stumbras of Lawn-Boy believes that the commercial segment of the outdoor power equipment industry will grow, despite this summer's drought conditions. Stumbras said at the Outdoor Power Equipment Institute's annual board meeting that he expects more consolidations among mower companies and more foreign competition.

John Munn of Wheel Horse, commented at the OPEI meeting that there would be significant component increases being passed on to equipment manufacturers this year. Equipment costs could go up five to 10 percent, perhaps higher.

EXPO from page 11

tipedegrass and St. Augustinegrass • Programming problems in auto-

matic lawn irrigation

• The basics of success

• Recruiting employees for longterm retention

• Why and when to use incentive plans

• Low-cost versus specialty fertilizers

• Developing a marketing plan

• Turf establishment and renovation

Conference fees are \$60 per person per day; attendees may save \$30 by registering for all three days. Complimentary exhibits admission is extended to all conference participants. For more information on either attending or exhibiting at the Landscape Expo, call Becky Lerew or Mary Sue Christoffers at (800) 243-2815. In Connecticut, call (203) 853-0400.

GOLF

Privately-owned public courses slate 7th show

The Golf Course Association, an association for privately-owned public golf courses, will hold its seventh annual conference in Naples, Fla.

The conference will be held at the Registry Resort Hotel Jan. 10-14, 1989. Its theme will be "Put Your Pieces Together," concentrating on customers, employees, family and self.

Highlights include a moonlight cruise dinner in the Gulf of Mexico, a seminar on employee relations conducted by Bill Stevens, roundtable discussions and the Award of Merit Banquet.

For more information, call the GCA at (612) 854-8482 or write to 8030 Cedar Ave., Suite 228, Minneapolis, MN 55425.

CONFERENCES

Short Course slated for early next year

The University of California has scheduled its annual "Short Course in Horticulture" for Jan. 24 to Feb. 23, 1989. The 1989 Short Course offers researchbased information on practical aspects of horticulture production, landscape management and problem diagnosis. It is co-sponsored by the California Association of Nurserymen and the Southern California Gardener's Federation.

Sessions will be held in Los Angeles, Orange and San Bernardino counties. However, no cross-overs are allowed and each registrant must choose only one location. Cost is \$25. Spray herbicide directly over the top of your established shrubs and ornamentals? Go ahead. Surflan[®] lets you spray with complete confidence.

All you'll see are the bright colors of your landscape or lawn. No crabgrass. No oxalis. No chickweed. And no prostrate knotweed and 50 other grasses and weeds, either. You won't see them for six to eight months, in fact, when you spray Surflan preemergence herbicide.

You'll also see Surflan is more stable on soil surfaces. It'll wait three weeks for water. Then it stays put, even in heavy rainfall, to provide outstanding weed control. Yet it's gentle enough to spray over the top of 175 different ornamentals.

So go ahead. Fill up with Surflan and take your weed control where you never thought possible. Over the top of your ornamentals without injury. See your Elanco distributor. Or call toll-free: **1-800-352-6776.**

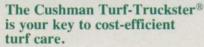
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Take your weed control where you never thought possible.

Built like a truck... works like a fleet.



You get more mileage out of a Cushman Turf-Truckster because it's not only built to go the distance, it's designed to do more jobs, and do them better. Because no other turf vehicle gives you the rugged versatility of Cushman's exclusive pin-disconnect system.

The pin-disconnect system puts it all together.

The industry's largest selection

of hard-working turf care attachments can be changed on the Truckster in just minutes. No bolting. No tools. Just snap

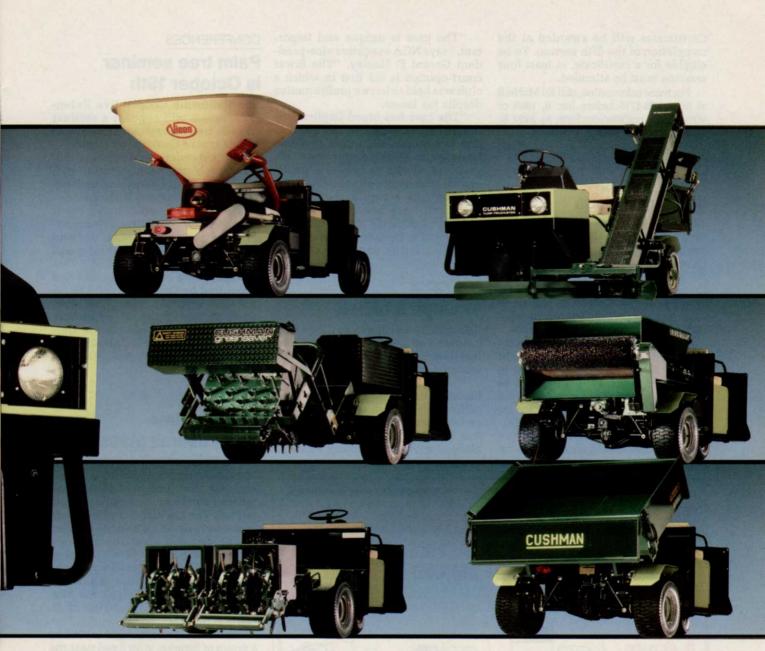
in two or three pins, and you're ready to go.

You can aerate, haul, dump, spray, seed, fertilize, top dress, operate small power tools in the field — now you can even pick up cores. You'll save time, stretch your budget, and give your turf the finest care possible.

Bar set, drag mat, flatbed box, short box, and Power Converter are standard accessories. Add optional live hydraulics and you can add

> shortbox dumping, flatbed box dumping, the Quick Aerator, and the Greensaver Aerator. Optional PTO for the

spreader/seeder, Vicon Spreader, Cushman Top Dresser, 100 or 150-Gallon sprayers, hand gun and



boom completes your singlevehicle work fleet — almost.

Introducing the new Cushman Core Harvester.TM

The newest addition to the Cushman Turf-Truckster fleet saves time and cuts labor 75% on greens aeration. Because with live hydraulics and the new Cushman Core Harvester accessory, one person can do the work of four.

The Cushman Core Harvester glides gently over the green to scoop up cores left from walk-behind aerators. So, you can free up your grounds crew for other jobs, and get golfers back into play faster than ever before.

More years of heavy use.

With all the work your Truckster will do, it's got to be tough. And it is. The Truckster's rugged, carbon-steel channel frame and heavy-duty suspension are designed to withstand years of pounding under a 1,900-lb. maximum load. Cushman's work-proven, easymaintenance 22-hp. gas engine has plenty of stamina to pull tough loads over the long run.

A lesser turf vehicle simply won't do if you're tackling tough turf maintenance jobs thousands of hours a year, year in and year out.

For more information or a free demonstration of what the Cushman Turf-Truckster can do for you, contact the Cushman dealer nearest you today. Or call toll-free: 1-800-228-4444.



5401 Cushman, OMC-Lincoln, P.O. Box 82409, Lincoln, NE 68501

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Certificates will be awarded at the completion of the fifth session. To be eligible for a certificate, at least four sessions must be attended.

For more information, call Ed McNeill at (818) 798-1715 before Jan. 9, 1989 or write for a registration form to 2492 E. Mountain St., Pasadena, CA 91104.

GOLF

NCA files against IRS regulations

The National Club Association has filed a brief in the U.S. Court of Appeals in San Francisco asking the Court to approve the recent opinion of the U.S. Tax Court for North Ridge Country Club v. Commissioner of Internal Revenue. The NCA is a trade association serving 1000 private social, athletic and recreational clubs.

This action represents NCA's latest effort in its nine-year struggle to fight the IRS campaign requiring clubs to pay higher taxes. In this case, all 14 members of the Tax Court held that the club had a profit motive for its non-member business. This determination would provide that tax losses can be offset against taxable investment income on such activities. "The case is unique and important," says NCA executive vice-president Gerard F. Hurley. "The lower court opinion is the first in which a club was held to have a profite motive despite tax losses.

"The case has broad implications in many areas. Today the IRS requires that continuous tax losses preclude trade or business deductions, regardless of the taxpayer's profit motive or the economic benefits to the taxpayer. As a result, these interpretations have been a convenient method of unfairly extracting what we believe to be excessive taxes."

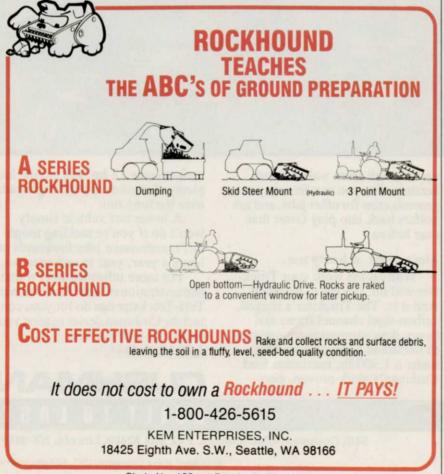
A decision is expected early in 1989.

PESTICIDES

Triumph labelled

Triumph insecticide from Ciba-Geigy has received Special Local Need (24c) labelling by the Environmental Protection Agency for use in eight states.

The states where the new insecticide is allowed for insect control on golf course greens, tees and aprons and sod farms are: Alabama, Connecticut, Illinois, Indiana, Iowa, Michigan, Mississippi, North Carolina, Pennsylvania and Virginia.



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18 LANDSCAPE MANAGEMENT/OCTOBER 1988

CONFERENCES

Palm tree seminar is October 19th

The California Cooperative Extension Service will conduct a seminar on palm tree management October 19 at the Oxnard Community Center.

The extension service notes that many problems have occured with palms, which have grown in popularity in exterior and interior landscapes.

The one-day seminar will cover plant selection, moving and transporting large palms, date palm use and care, palms in interiorscaping and palm tree diseases.

Registration is limited to 500, and is required by October 1. The \$25 fee includes seminar, lunch, refreshments and certificate of completion.

For information, contact the University of California, Cooperative Extension, 800 S. Victory Ave., Ventura, CA 93009.

RIGHTS OF WAY

Missouri law upholds trail plans

A U.S. District Court in Missouri has upheld the constitutionality of a federal law that preserves abandoned railroad corridors for possible future rail use. The law also permits them to be used as public trails in the interim.

The decision gives the state the green light to begin development of what could become the nation's longest and most spectacular rail-trail, a 200-mile route route along the Missouri River from the outskirts of St. Louis to Sedalia.

The lawsuit was brought in 1986 by a group of farmers who lived near the line and who claimed the corridor reverted to them when rail service ended. However, Judge George F. Gunn, Jr., upheld the rails-to-trails law, stating the "Congress acted rationally in enacting the law by electing to postpone railroad abandonments and to encourage interim trail use so as to further its railbanking purpose."

MANAGEMENT

Productivity relies on a happy employee

Recognizing the signs of growing distaste for a job will help to head off potential problems with an employee or even the boss down the road.

According to Doug Swenson, a Dale Carnegie lecturer, the employee goes through four phases of attitude: excitement, frustration,