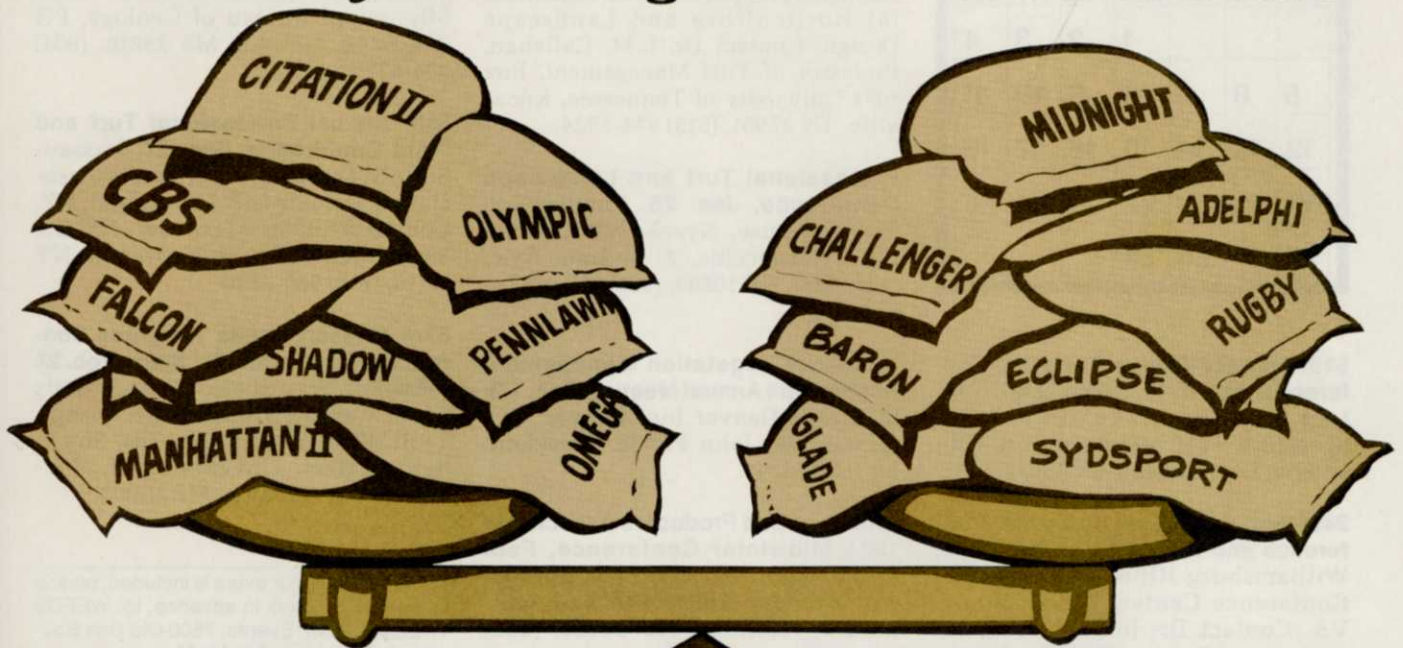


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For over 15 years **Columbia Kentucky Bluegrass** has built a reputation as the backbone of quality sod mixtures around the country. With Columbia's resistance to Fusarium blight, you'll often find it where other bluegrasses fear to grow. Its overall disease resistance gives your blend or mixture balanced performance throughout the year.

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Circle No. 151 on Reader Inquiry Card

JANUARY 1984/WEEDS TREES & TURF 81

FEBRUARY						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

54th Annual Michigan Turfgrass Conference, Jan. 17-18. Lansing, MI. Contact Paul E. Rieke, Extension Specialist, Turf, Michigan State University, East Lansing, MI 48824.

24th Annual Virginia Turfgrass Conference and Trade Show, Jan. 18-20. Williamsburg Hilton and National Conference Center, Williamsburg, VA. Contact Dr. John R. Hall, III, Agronomy Dept., VPI&SU, Black-

sburg, VA 24061-7294. (703) 961-5797.

Turf and Grounds Maintenance Short Course, Jan. 23-25. University of Tennessee Department of Ornamental Horticulture and Landscape Design. Contact Dr. L.M. Callahan, Professor of Turf Management, Box 1071 University of Tennessee, Knoxville, TN 37901, (615) 974-7324.

Professional Turf and Landscape Conference, Jan. 25. Tappan Zee Towne House, Nyack, NY. Contact Dan Antonecchia, 21 Jackson Ave., Scarsdale, NY 10583, (914) 723-1677. February

Industrial Vegetation Management Association Annual Meeting, Feb. 1-3. Stouffer's Denver Inn, Denver, CO. Contact Dr. John Pickle, President, (913) 539-4241.

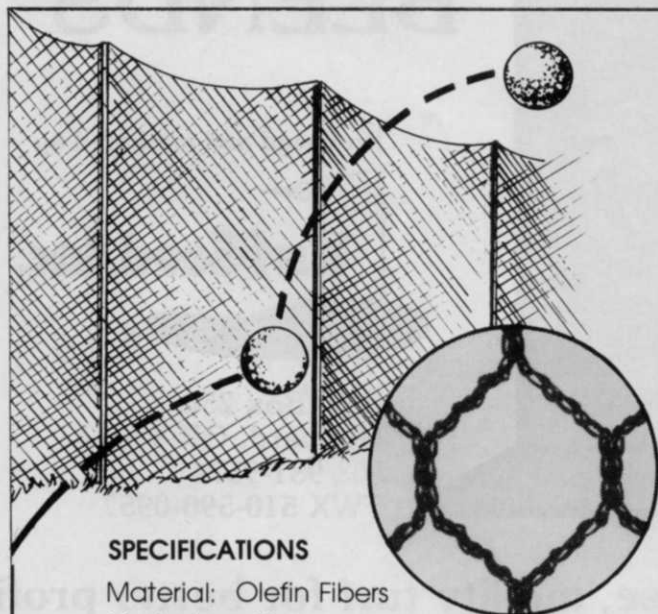
American Sod Producers Association 1984 Midwinter Conference, Feb. 21-23. Hilton Riviera, Palm Springs, CA. Contact ASPA, 9th and Minnesota, Hastings, NB 68901, (402) 463-4683.

Mississippi Erosion Control and Land Reclamation Seminar, Feb. 21-22. Holiday Inn Southwest, Jackson, MI. Contact Robin Borden, agronomist, Mining and Reclamation Section, Mississippi Bureau of Geology, PO Box 5348, Jackson, MS 39216, (601) 354-6228.

16th Annual Professional Turf and Plant Conference, Feb. 27. Nassau-Suffolk Landscape Gardeners Association, Colonie Hill, Long Island, NY. Contact William Alexander, NSLGA 59 Orinico Drive, Brightwaters, NY 11718, (516) 665-2250.

53rd Massachusetts Turfgrass Conference & 8th Industrial Show, Feb. 28 - March 1. Springfield, Massachusetts Civic Center. Contact Dr. Joseph Troll, Plant & Soil Sciences, Stockbridge Hall, University of Massachusetts, Amherst, MA 01003.

To insure that your event is included, please forward it, 90 days in advance, to: WEEDS TREES & TURF Events, 7500 Old Oak Boulevard, Cleveland, OH 44130.



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 Resistance: Will not rot or mildew

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Circle No. 107 on Reader Inquiry Card

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Circle No. 205 on Reader Inquiry Card

MULTI-COURSE from page 34

issue." Proposition 13 in California cut public funding in many areas. It may be part of the reason for the success of contract golf course maintenance there.

AGC's Vice President Bill Brown recently announced formation of a "golf club" to spur rounds at 22 of its golf courses in California, Nevada and Arizona. For a \$48 membership fee, golfers get a free round at any of the courses including preferred tee times and tournaments. Marketing the game of golf is one of the most difficult tasks for an owner or municipal course. AGC is using marketing tactics similar to those used by American Express and Diner's Club to increase revenues.

"We're finding group buying a great benefit to our clients," says Epcells with Golf Turf Inc. "We specialize predominantly with newer golf courses and developers. We help them get established and then follow up with group buying and opera-

tional problem-solving."

The future of multis

The case for multi-course management is economic. Beside groups with ten or more courses, are many more with two or three courses. Many of these are owned by developers who built the courses to serve as the centerpieces for recreational communities. These developers eventually try to sell the golf course to the owners of the condominiums or homes in the development. Failing this, they seek other options.

Companies which once found owning a golf course prestigious, are also tempted by ways to lighten their burden. Municipalities faced with tight-fisted taxpayers and growing problems with basic services, labor, and schools, may be anxious to cut their losses and reduce management headaches by leasing their courses to multi-course operators.

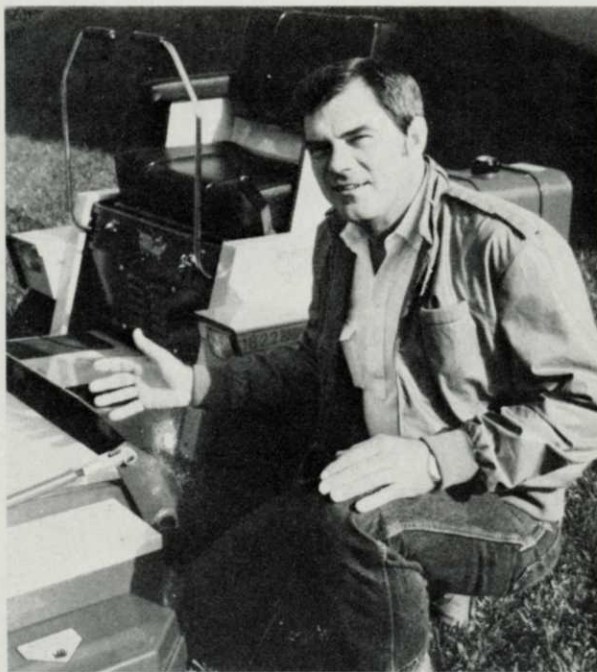
Even the private golf club, disappointed with superintendents and afraid to raise dues, may try

contract maintenance or a consulting organization.

Of course, consulting is available from other sources, especially the United States Golf Association Green Section. The certification program by the Golf Course Superintendents Association of America can help superintendents document competence if needed.

The real foes of individual superintendents are management, labor problems, and size. To match the expertise and cost savings of multi-course operators, superintendents will require strong association and extension support, buying groups to gain quantity discounts, and a greater knowledge of managing and marketing their course.

It will be more difficult to stay a "greenskeeper" and leave the operation of the course to the club manager and the golf professional. Recreation is now a business and the superintendent will need to become a businessman as well as a skilled landscape manager to guard his future. **WT&T**



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Ralph Starr

Starr Lawn & Garden, Inc., Dallas, Texas

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It starts with three Turf Irrigation Start Clocks, with seven-day calendars and 1/2 hour starts. Add an RC-1260 type controller module that provides syringe times of 0 to 10 minutes. Next, up to 75 — that's right, 75 satellites, each one capable of handling up to 12 separate stations from greens to fairways to roughs.

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It's a satellite controller system that gets the job done fast and effectively.

For complete information see your Rain Bird dealer, or write: Rain Bird Sales, Inc. • Turf Division, 145 North Grand Avenue, Glendora, California 91740.



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Circle No. 217 on Reader Inquiry Card

MILWAUKEE from page 50

year to predict other problems and needs.

The golfization of turf grads

When Quast graduated from the University of Massachusetts turf program he knew little about becoming a superintendent. Leo Cleary, brother of W.A. Cleary of Somerset, NJ, hired Quast to work on the company course. He taught him the ropes of being a superintendent. Now Quast tries to do the same thing for recent turf graduates at MCC.

Each year Quast meets some of the best turf graduates in the country when he attends state and national turf shows and teaches at Jacobsen's student seminars. He picks one or two at a time to learn the ropes at his course. After two years they are ready to be superin-

tendent almost anywhere says Quast.

Steve Blendell, a graduate of the University of Massachusetts, recently left the assistant superin-

"No one chemical is a panacea for all turf diseases." Quast

tendent position at MCC to be superintendent of another Milwaukee area course. Mike van Sistine, a Michigan State University graduate moved up to assistant superintendent. His previous responsibility was to manage the installation of the new irrigation system. Karen Bruning, a graduate of ABAC, Tifton, GA, is quarter-backing the Poa annua reduction program.

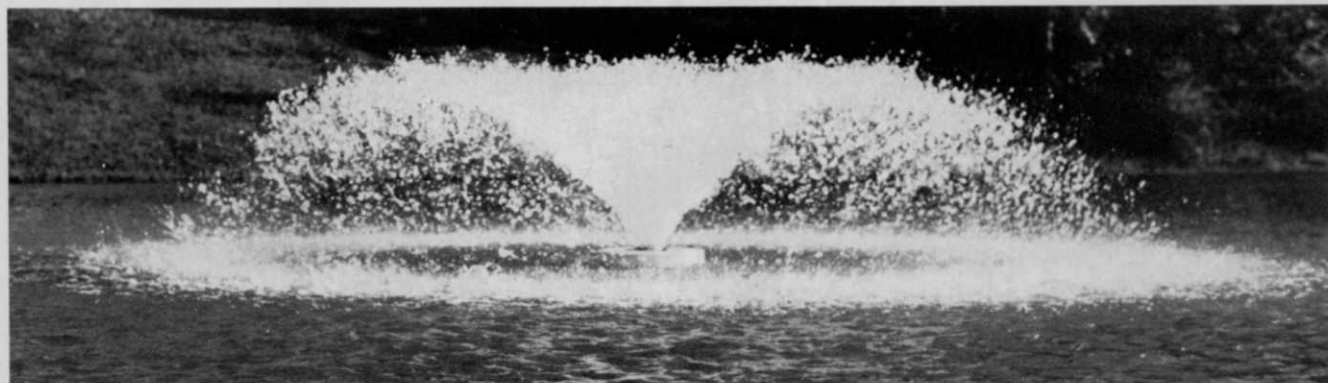
Quast believes strongly in the

GCSAA certification program for superintendents. He is also editor of the newsletter of the Wisconsin chapter of GCSAA. He knows that much is gained by working with other superintendents and with suppliers, such as the Jake HF-5 basket arrangement which is now on the market. He not only wants superintendents to think for themselves, but to think together.

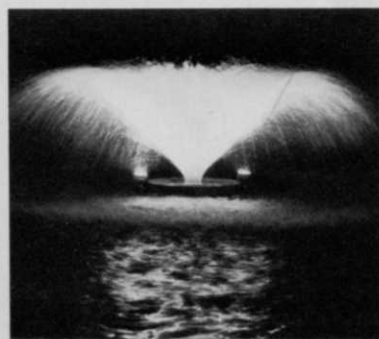
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Circle No. 103 on Reader Inquiry Card





Railroads



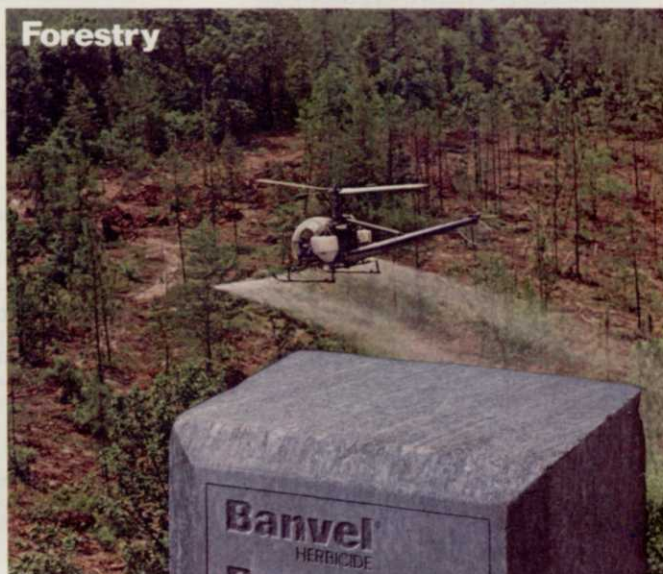
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Roadsides



Utilities



Forestry

Build the best vegetation control programs on a cornerstone of Banvel[®] herbicide products.

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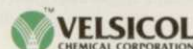
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1/84

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4/84

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GREAT 700 Gallon Bean trailer sprayer with big Royal 55 pump - Best pump ever made - Superb outfit only \$5800.00. 513-424-2052.

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For Sale: Finn T80S, 900 gal. HYDROSEEDER, 50 hrs. on rebuilt engine, trailer mounted, excellent condition, \$11,250.00. FINN Bantam Straw Mulcher, with asphalt applicator, excellent condition, \$6500.00. Call George, 317-873-5231 days or 317-873-5937 even.

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For Sale: 6 ft. Mott mower, \$600.00, 4 ft. Giant Vac, \$600.00, Champ CB-40 towable fork-lift, \$6,500.00. All good cond. Phila. area. (215) 699-9151.

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1976 Brouwer Sod Harvester. 2500 hours. Mint condition. Must see to believe! \$17,500. 1982 Demonstrator Princeton - Piggy-Back 453 forklift. Perfect condition. \$16,900. (303) 776-2300. 1/84

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1/84

For Sale - Established sod farm in beautiful Western Colorado. 170 acres of sod plus equipment and 4 homes. Call (303) 858-7464 or write to Jim at 1268 18-1/2 Road, Fruita, CO 81521.

7/84

USED EQUIPMENT

Used Finn lawn feeder, 800 gal. w/hose, reel & spray gun. Reduced price: \$3,000.00. (502) 782-2730, 1:00 pm - 4:30 pm.

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Wanted - landscape foreman, project supervisor and designer, nursery manager - Must be hard working, aggressive and knowledgeable in all phases of Horticulture with 3 to 5 years experience. Nursery manager must have sound background. Good benefits. Send resume with references to Hudson's Landscape Nursery, 3609 Walton Way Ext., Augusta, Ga. 30909.

1/84

URBAN FORESTER - Opening to head Forestry Division of New Orleans; excellent salary and benefits; degree plus 1 year of supervisory experience required; send resume to New Orleans Parkway and Park Commission, 2829 Gentilly Boulevard, New Orleans, Louisiana 70122.

1/84

ARBORICULTURE-SALESPERSON ESTIMATOR - Experienced arborists needed for expanding Washington, D.C. metro area tree service co. Commission and/or salary negotiable. Co. vehicle and benefits. Send resume to Fairfax Tree Service, Inc., 3746 Chain Bridge Rd., Fairfax, VA. 22030.

1/84

LANDSCAPE MANAGER - a growing Great Lakes firm is looking for an experienced person to take control of day to day operations of this full service company. Must have extensive knowledge of all phases of landscape maintenance and construction. Duties include job bidding, selling maintenance contracts, dispatch and supervising crews. Excellent benefits including profit sharing for the right person. Send resume and salary requirement to: Nature's Way Landscaping, 15025 Hall Road, Mount Clemens, Michigan 48044.

1/84

General manager position open for chemical lawn and shrub division of established landscaping company in the sunbelt area. Tremendous opportunity for an aggressive individual having experience with a national or regional lawn care company. We are looking for a **BUSINESSMAN** — the very **BEST!!** Knowledge of turf grass, ornamental plants, and marketing needed. The right person will enjoy excellent salary, benefits, and opportunity for equity participation with unlimited earnings potential. Send complete resume including education, experience, and salary history. All replies will be kept confidential. Write WTT Box 325.

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BRANCH MANAGER AND ASSISTANT MANAGER - First class expanding company desires a Branch Manager and Assistant Manager for the Midwest and Southern markets. Applicants must have chemical lawn care experience. Excellent salary and benefits. Send resumes to WTT Box 332. 1/84

General Manager for pest control business. Responsible, qualified experience, positive performance required. Resume to Horticultural Service Center, 6609 Peacock Road, Sarasota, Florida 33581. 1/84

GOLF COURSE SUPERINTENDENT City of Dodge City, KS, seeks individual with excellent communication and public relations skills with a thorough background in turf management to manage its eighteen hole, eighty-eight acre Municipal Golf Course. Experience in personnel management, budget preparation and minimum 3 years supervisory experience required. Bachelor or Associates Degree in Turf Management desirable. Salary range - \$16,155 to \$21,000 based on experience. Send application to Personnel Department, 705 First Avenue, Dodge City, KS 67801 by January 20, 1984. Equal Opportunity Employer. 1/84

Help wanted - Landscape maintenance supervisor position available, Dallas/Fort Worth Area. Working knowledge of turf, plants, chemicals, and equipment required. Send resume to The Ground Crew, Inc., 3008 Pleasant Valley, Arlington, Texas 76015, Attn: Bill James. (817) 467-5888. 1/84

MANAGER: Position available as manager of private tree care division of large, well-established tree service company. Applicant must have well-developed sales and management skills, plus ability to expand existing operation. Mid-western location. Excellent salary and benefits with good opportunity for growth. Send resume outlining education, experience and salary requirements to WTT Box 331. 1/84

Horticulturist - Private Club 35 miles east of New York City on North Shore of Long Island, 300 plus acres. Experienced horticulturist to be responsible for the grounds and plantings at main clubhouse and five cottages. Work will interact with tennis and golf facilities. B.S. in horticulture or related field required. Must be familiar with insects and disease of ornamental plants and turf grass. Applicant should be capable of supervising others and possess good communications skills. Directly responsible to Grounds Superintendent. Excellent benefits. Salary commensurate with experience. Please send resume to: M.B. Lucas, Jr., Box 525, Locust Valley, N.Y. 11560. 2/84

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LANDSCAPE MANAGER - a growing Great Lakes firm is looking for an experienced person to take control of day to day operations of this full service company. Must have extensive knowledge of all phases of landscape maintenance and construction. Duties include job bidding, selling maintenance contracts, dispatch and supervising crews. Excellent benefits including profit sharing for the right person. Send resume and salary requirement to: Nature's Way Landscaping, 15025 Hall Road, Mount Clemens, Michigan 48044. 1/84

URBAN FORESTER - Opening to head Forestry Division of New Orleans; excellent salary and benefits; degree plus 1 year of supervisory experience required; send resume to New Orleans Parkway and Park Commission, 2829 Gentilly Boulevard, New Orleans, Louisiana 70122. 1/84

WANTED

WANTED: Large Lindig and Royer Shredders. Lewis Equipment, 320 Third Street S.W., Winter Haven, FL 33880. (813)294-5893. 6/84

ACCOUNTS WANTED - National chemical lawn care company seeks accounts to acquire. Selling price open for negotiation. If interested, send name, address, phone number and number of accounts available to WTT Box 317. 3/84

Wanted: Brouwer Sod Harvester and Spider Fork Lift. Floyd Sumrall, Rt. 3, Box 506, Sumrall, MS. 39482. (601) 758-3510. 1/84

CHIPPERS WANTED and stump machines any condition. Will pay cash. Jim Kohler, 2330 Seneca Drive, York, PA 17404, 717-764-5103, 717-755-5307. 2/84

Wanted to buy **HYDRO SEEDER**. Please send photo. Johnson Hydro Seeding Corp., 13751 Travilah Road, Rockville, MD 20850, 301/340-0805. TF

POSITION WANTED

Chemical Lawn and Tree Manager—Seeks challenging management position for established chemical lawn and tree company in Florida. Six years experience, with extensive knowledge of turf grass, ornamental plants, and marketing. Resume upon request. Write WTT Box 319.

MISCELLANEOUS

DIESEL HI-RANGER TOWERS—48-100 Feet working heights. Daily, weekly, monthly rentals with or without operator. **MATLOCK LEASING**, Pottstown, PA (215)326-7711 or (800)345-7711. 12/84

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117	E-Z-Go/Div. of Textron	72
164	Four Star Agricultural Svcs.	78
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119	Fuerst Bros.	73
120	Grasshopper Co.	84
121	Clifford B. Hannay & Son	38
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123	Hypro/Div. of Lear Siegler	73
124	International Seeds	64
125	Jacobsen/Div. of Textron	CV 3
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147	Tee-2-Green Corp.	21
148	Toro Co.	9
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151	Turf-Seed	81
152	Union Carbide Ag. Products	31
153	Union Carbide Ag. Products	79
169	Velsicol Chemical	87
154	Vermeer	32
155	Vermeer	32
156	Vermeer	32
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158	Vermeer	32
159	Vermeer	33
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161	Vermeer	33
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163	Vermeer	33
167	Woods/Div. of Hesston	69

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by itself without extensive pre-emerge or post-emerge herbicide programs. It required little summer "pampering" and when fall frosts came it went dormant near the time play fell off anyway and besides, even dormant and off-color it still provided an excellent playing surface with practically no fall care.

No overseeding, no fall fertilization, no widespread herbicide treatments or even mowing -- it literally was one less turf area for the golf course superintendent to worry about when it went dormant.

Negative aspects

The negative aspects of zoysia management were far offset by the positive benefits. Even the problem of fall, winter and early spring color was solved by good communication programs with the golfers.

By stressing the advantages of

lower short and long term fairway maintenance costs and zoysia's outstanding summer performance, even the average golfer realized that there was no perfect fairway grass for the transition zone, but, when all factors were considered, zoysia made the best sense and was probably the best compromise grass available.

There are some negative aspects of zoysia, namely cost and speed of the establishment program.

Zoysia is slow to establish when planted into existing stands of cool season grasses. Depending on the management program and the weather, it sometimes takes four to five years for the zoysia to spread and provide a good turf cover. Zoysia does not grow well in shade.

Its performance on shady tees and shady fairways is not very good.

Commercially-grown zoysia sod is expensive to purchase. Because Meyer zoysia must be

established vegetatively either by stolons, plugging, row planting or strip sodding and most of these planting materials must at some time be purchased, establishment costs run high. The supply of zoysia sod is limited and the demand and cost of zoysia remain high.

Another area where zoysia does not perform well is when it is planted into any area contaminated with patches of bermudagrass. Generally, on a one-to-one basis, bermudagrass, because of its aggressiveness, will out compete and tend to dominate zoysia in a mixed stand. Only when winterkill is experienced on the bermudagrass or when a very careful and precise zoysia management program is followed will zoysia tend to dominate in a mixed stand with bermudagrass.

Zoysia is clearly not for all golf courses in all situations and careful consideration must be given before establishing any zoysia program. **WT&T**

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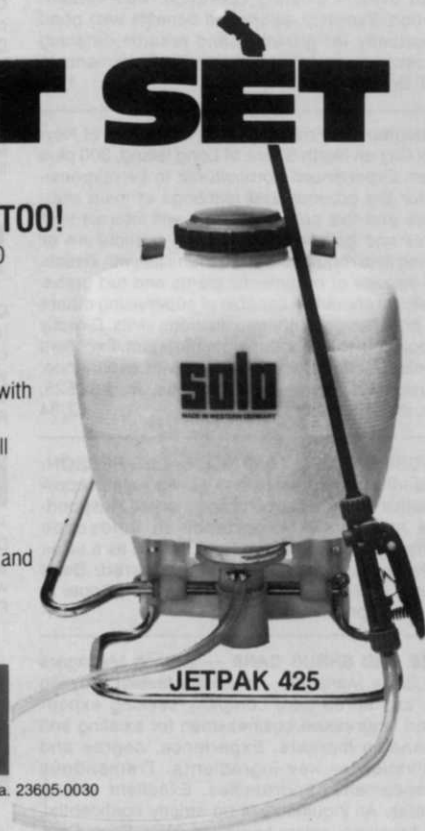
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