

EVENTS

APRIL

University of Florida Turfgrass Field Day and Research Update, April 6. University of Florida campus, Fort Lauderdale. Contact Dr. Bruce J. Augustin, Ag. Research and Education Center, 3205 SW College Ave., Ft. Lauderdale, FL 33314 (305) 475-8990

California Landscape Contractor's Association 5th Annual Landscape Industry Show, April 4-6. Long Beach Convention Center, Long Beach, CA. Contact CLCA, 1419 21st St., Sacramento, CA 95814 (916) 448-CLCA

Southeastern Turfgrass Conference, April 16-17. University of Georgia, Tifton. Contact Dr. Glenn W. Burton, Coastal Plains Experiment Station, Tifton, GA 31793 (912) 386-3353

Carolina's Shade Tree Workshop, April 17-18. Duke Power Bldg., 1600 Woodlawn Road, Charlotte, NC. Contact McNeary's Arborist, Inc., PO Box 11544, Charlotte, NC 28209 (704) 332-4628

Turf and Landscape Institute Golf Course Session, April 23-25. Ana-

heim Convention Center, 800 W. Katella Ave., Anaheim, CA. Contact Ed McNeill, Southern California Turfgrass Council, 100 Concha St., Altadena, CA 91001 (213) 798-1715

MAY

Arizona Turf and Landscape Conference and Trade Exhibit, May 3-5. Ramada Inn, McDowell Road, Phoenix, AZ. Contact William R. Kneebone, University of Arizona, Dept. of Plant Sciences, Tucson, AZ 85721 (606) 621-2211

University of California-Riverside Campus Turf Management Seminar, May 24. Riverside Campus Auditorium. Contact Cooperative Extension Service, 21150 Box Springs Road, Riverside, CA 92507 (714) 683-6491

JUNE

Kentucky Cemetery Association Annual Convention, June 9-11. Executive Inn, Louisville, KY. Contact Lewis Tingley, Resthaven Memorial Park, PO Box 18068, Louisville,

KY 40218 (502) 491-5950

Fertilizer Institute Marketing Conference, June 10-13. White Sulphur Springs, West Virginia. Contact Pamela Lucas, The Fertilizer Institute, 1015 18th St. NW, Washington DC 20036 (202) 861-4900

Minnesota Park Supervisors Association Annual Equipment Show, June 15. Dred Scott Playfield, Bloomington, MN. Contact Lyle Rude, City of Bloomington, 2215 West Old Shakopee Road, Bloomington, MN 55431 (612) 881-5811, Ext. 282

Turf Seed Annual Seed Day, June 21. Hubbard, OR. Contact Turf-Seed Inc., 77 West G. St., Hubbard, OR (503) 981-9571

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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WEEDS TREES & TURF

APRIL 1984

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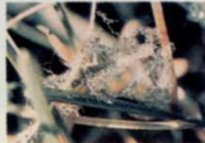
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COMPUTERS *from page 66*

Tree inventory cards and work forms are needed in establishing technical information for the computer master file. This data will vary according to environment, type of organization, and individual needs.

Things to consider when setting up the technical forms are:

- 1** any type of hazard
- 2** insect problems
- 3** disease problems
- 4** root problems
- 5** tree species
- 6** diameter
- 7** height
- 8** spread
- 9** type of pruning (thin out, lift skirts, line clearance)
- 10** stake young trees
- 11** tree planting
- 12** grind stumps

When you get the first computer readout, you might be surprised to find you are spending far too much time on one certain type of tree. If this were the case, you could plan to remove unwanted, high-maintenance trees, or make sure that species is not planted in the future.

It is not practical in a small city to remove all unwanted species just because the computer printout identifies a problem.

Just recently, the tree statistic printout gave us the numerical amount and tree varieties pruned in a one-month period. The information was very helpful and informative in making out my monthly reports.

In the beginning we had a few problems filling out the new work order forms, but with some training this was corrected. It is important to get input from the field personnel, especially when making any modifications to the existing program.

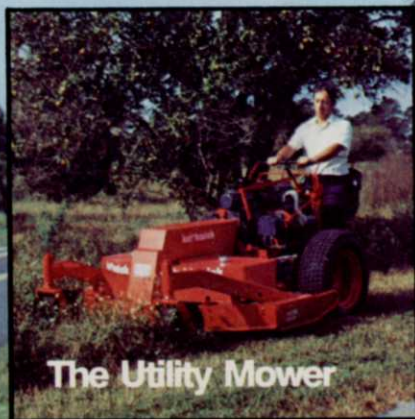
The most important factor is just how functional is your program and is it an improvement over your previous record system? We have found the printout information has been very helpful in preparing monthly reports, annual budgets, and special reports to the Parks and Human Services Commission and City Council.

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APRIL 1984/WEEDES TREES & TURF 87

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TOTAL OVERHEAD	\$90	\$372
VARIABLE COSTS		
1. Materials (per acre) • 1500 lbs HYDRO MULCH fibers vs. 100 straw bails	\$200	\$125
2. Application (per acre) • Hydro seed, fertilize, apply HYDRO MULCH fibers vs. hydro seed, fertilize, apply straw, crimp	\$31	\$39
3. Equipment (per acre) • Fuel, maintenance, depreciation	\$30	\$50
TOTAL VARIABLE (per acre)	\$261	\$214
TOTAL INSTALLED COST	\$351	\$586

In many of today's projects, hydraulic mulching with HYDRO MULCH fibers can be less costly than straw mulching. That's because there's usually less hidden overhead. So while savings vary from project to project, you owe it to yourself to find out more. After all, the results are in black and white.

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SURVEY from page 46

nance, including mowing, roads, buildings, a golf course, and the West Point stadium. When you have 16,000 acres to take care of, 1,500 of this high maintenance, you simply don't have time to give plants the special attention they need.

In past surveys, we have found autonomous park districts receive stronger support for the horticultural and agronomic needs of landscapes. Joel Carter, chairman of the Ornamental Horticulture Department, California State Polytechnic University, Pomona, suggests the best park administrators are those who appreciate horticulture and park management. "Lean too much in either direction (horticulture or park administration) and your ability to make decisions is limited," Carter said.

Public schools

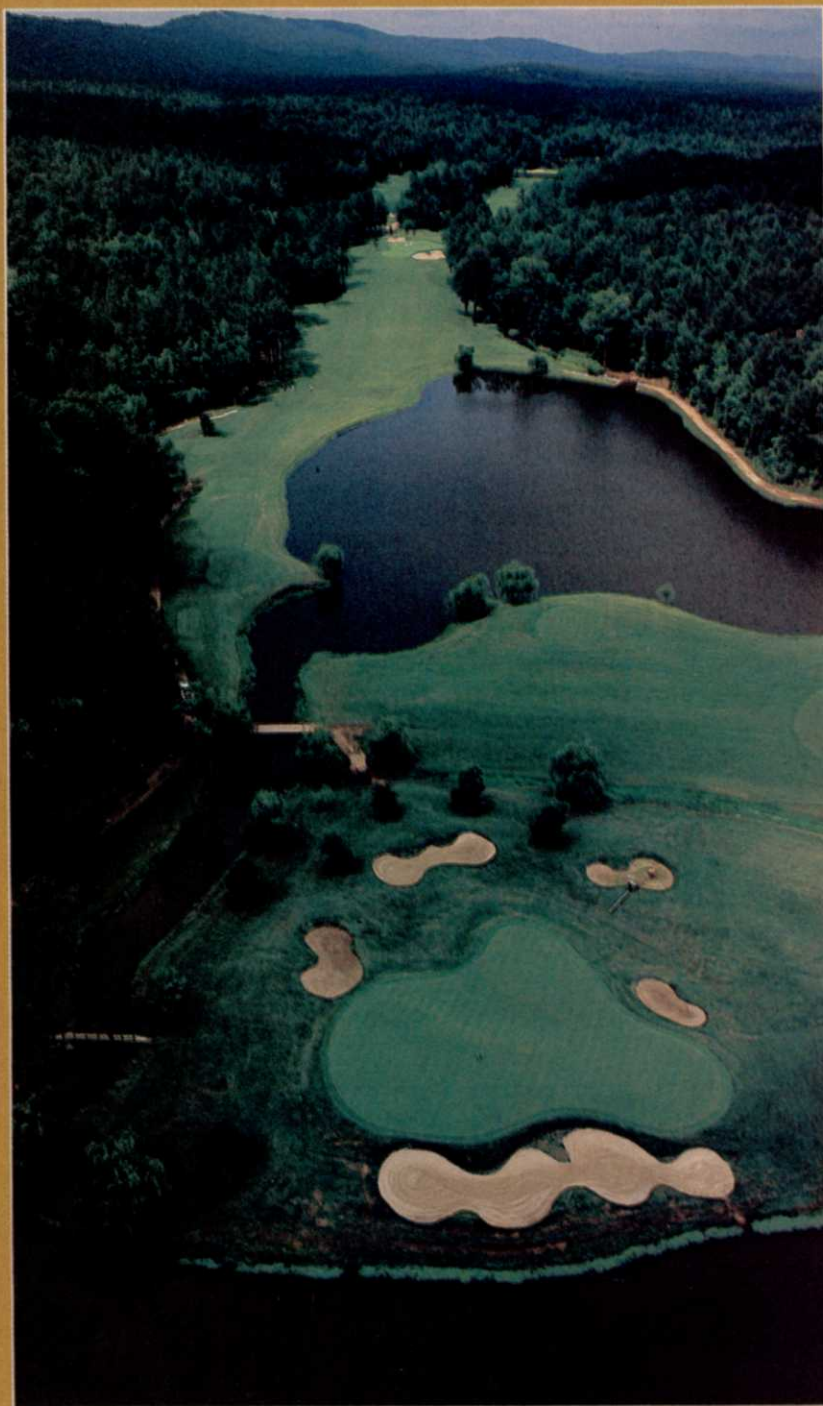
If managers of park landscapes have to constantly sell their programs just to meet basic needs, imagine what managers of public school landscapes have to face. At least in a park the purpose is recreation in a natural, outdoor setting. At schools, the purpose is education, and everything else is secondary.

For this report we interviewed maintenance managers and school superintendents. Clarence Lee, maintenance manager of Valley View Schools, Romeoville, IL, is responsible for 350 acres, 16 schools and a \$750,000 budget. His staff of five does it all, often transporting equipment from one school to another.

"My biggest job is keeping kids off the grass while we are trying to make repairs," Lee said. "In the summer I use CETA workers to help us catch up. During the growing season, we spend nearly all our time mowing. It takes us a week to do all the schools and then we start over again. The three high school football fields receive special attention, including aerification, extra fertilization and weed control. Our budget to do all this has grown about five percent per year."

The budget is slim and needs

1984 PGA putts on PENNCROSS



18th green at Shoal Creek, Shoal Creek, Alabama

Shoal Creek, Alabama

At the rugged Shoal Creek course, host of the 1984 PGA Championship August 16-19, 1984, the touring professionals will again be putting on Penncross creeping bentgrass. Penncross and Penneagle, the Penn Pals, are no strangers to the pros. Most of the recent major championships have been played on one or the other. The Western open at Butler was played on Penneagle fairways and greens. The 1983 US Open at Oakmont was played on Penneagle tees, fairways and greens. Maybe you saw the sixty-foot putt on Penneagle.

So, when the Shoal Creek course was designed, it's no wonder Penncross was specified for the putting surface. It was a 'natural' to choose Penncross bentgrass, with its glorious history, for a course with a sparkling future!

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are basic for Ervin Himmerich, maintenance manager of New Richland School District, MN. He has to focus on priorities, such as changing the track to metric and the football field. However, he does apply postemergence herbicides in the spring and fertilizes athletic fields.

Edward Schultz is landscape manager for two school districts in Iowa, Elkhorn and Kimballton. He reports to two school boards and has a combined budget of \$85,000.

Schultz relies on Iowa State University agronomists for big problems, yet he leaves most chemical decisions to his staff of four. The two systems put the emphasis on their football and baseball fields, out of a total of 17 acres of turf. He makes certain herbicides and fertilizers are applied each year. His equipment includes one garden tractor, a gang mower, and a custom-built sprayer.

Richard Stegman is director of buildings and grounds for Goodland Unified School District, Goodland, KS. The district has 14 buildings and 40 acres. Again, summer CETA workers help Stegman out.

Stegman's main concerns are energy costs and the physical structure of the school system, such as plumbing, painting, and electrical.

For the landscape, he depends greatly on his extension agent and his equipment dealer. He uses one John Deere and one Ford farm tractor, two Ford riding mowers, a 72-inch Excel Hustler mower, and a 110-gallon boom sprayer. He uses liquid fertilizers and herbicides.

William Armstrong is superintendent of schools, Bellvue, KY, a city of 8,000. His mind is occupied mainly with the education and welfare of 1,100 students. For the fields, which he "is attempting to keep grass on", he relies on extension for expertise. There is no one person specifically in charge of grounds, nor is there a budget for grounds. But, he believes roughly \$500 to \$1,000 is spent each year for seeding, fertilizing and renovating. The district uses a commercial service for fertilization and weed control when needed.

Public relations

As the computer is included more in the management of public landscapes, the doors also open for better communication with taxpayers. Since many public agencies share computers, they have the ability to share data. If the school district or parks department has a mailing list, landscape managers may be able to share this list to present their case to the public.

Perhaps the separate landscape department in Lenoir, NC, is an exception. But, it may also represent a trend. Schools and recreation are often given separate status, why not landscape management?

The way to achieve this beneficial status is through public relations, educating the public to the importance and special needs of plants as opposed to buildings, roads and sewage systems. The computer gives landscape managers the chance to state their case directly to the taxpayer, with accurate data.

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