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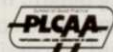


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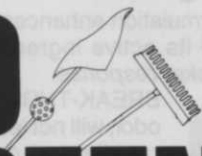
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on the field to a minimum, and perhaps most importantly, getting the parents and the school board on your side. For turf management, though, he follows the GRASS system reported in *WEEDS, TREES & TURF*, September, 1986.

McCaffrey spoke on the subject at the Iowa Turfgrass Conference.

TREES

Shigo says: don't feed sick trees

Contrary to proper belief, fertilizer is not tree food. So said Alex Shigo, a tree expert formerly with the U.S. Forest Service. "Do not feed sick trees with fertilizer," he told attendees at the GCSAA show in Phoenix. "Trees are different from people."

Shigo, who has his own consulting firm, Shigo and Trees, Associates of Durham, N.H., also gave tips on proper pruning of trees. "Branches are not attached to trunks of trees," he said.



He said there is a collar that the branch is attached to; the collar should never be cut. A flush cut removes the collar, doing damage to the tree and inviting fungal infections.

The proper method involves locating the branch bark ridge on the top of the branch, and the branch collar on the bottom. The cut should be made so that both remain on the tree.

Shigo added that wound dressing should never be used to promote callus growth. If the cut is done properly, the wound will close and form its own callus, or "doughnut," during the next growing season.

TURF

Most turf grasses not made for the shade

While humans love to sit in the shade on a hot sunny summer afternoon, the grumblings we hear while sitting there might be coming from the grass. While we might not, it would rather

be out in the open sunning itself.

Clark Throssell, assistant professor of turfgrass science at Purdue University, notes that only a few cool season turfgrass varieties perform well in the shade.

Fine fescues, he told attendees of the Iowa Turfgrass Conference, do the best, but would perform better if the shaded area was a dry one. Tall fescues did well also, but only if fescues were planted, with no mixing. *Poa trivialis* performed well in wet shaded areas, while improved varieties of bluegrass did moderately well, he added.



Clark Throssell

The reason for the general poor performance, he said, "is a lack or alteration of light." The light quality is diminished because trees absorb the same light needed by grass, and since the trees get to it first, they get the most. In addition, trees affect the intensity and duration of light on the turf.

Trees alter conditions by moderating temperatures, leveling out the highs and lows, decreasing wind, increasing humidity and intensifying competition for water and nutrients.

As a result, turf experiences reduced shoot density, more upright growth, increased plant height, decreased root depth and thinner leaves and cell walls, causing fewer carbohydrates to develop in the cell walls, reducing photosynthesis and transpiration rates and making them more susceptible to disease.

But things are not hopeless, he noted. Certain cultural practices can help turfgrass performance. Start by planting open canopy trees. If it's too late for that, then prune lower limbs and try to thin dense tree crowns, he said. "By removing dense vegetation, there's better air movement," he said.

Tree roots can also be pruned, but Throssell recommends using caution to avoid killing the tree in the process. Also, remove fallen leaves from under the trees. The grass will grow the best when trees have thinned in the fall, and have yet to thicken in the spring. In all, he said, the grass should receive three to four hours of direct sunlight each day to grow well.

Other cultural practices which help include raising the mowing height, irrigating deeply but infrequently and controlling traffic. Also, avoid excessive applications of nitrogen. "Don't force any more growth," he said. "The grass is struggling as it is."

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PEOPLE

Ex-arborist association secretary passes away

Dr. Paul Tilford, executive secretary of the National Arborist Association from 1940 through 1965, passed away recently.

He spent his early career as a



Ron Dietz



Yvonne Fenner



Ralph Smalley



John Piersol



Bob Still



Duane Brooks

plant pathologist at the Ohio Agricultural Experiment Station in Wooster, heading up research on diseases of shade trees and other plants. After retiring from NAA in 1965, he became Mayor of Wooster.

Ron Dietz, Dietz Hydroseeding Co., Van Nuys, Calif., was named the Regular Member of the Year for 1986 by the California Landscape Contractors Association. CLCA also announced

that Yvonne Fenner was appointed meeting coordinator for the association.

The O.J. Noer Research Foundation has appointed James Spindler research coordinator. Spindler is an agronomist with the Milwaukee Metropolitan Sewerage District.

Ralph R. Smalley, a former soil fertility professor in the State University

of New York system and at Cornell University, was awarded the Citation of Merit by the New York State Turfgrass Association. This is the Association's highest award.

The Professional Grounds Management Society has honored two people with the Member of the Year Award for 1986. They are Jeffrey A. Bourne, chief of the Bureau of Parks of Howard County, Maryland, and John

Abernathy, Jr., landscape supervisor for the city of Lenoir, N.C. Bourne is the president of PGMS for 1987; Abernathy a member of the Board of Directors.

John R. Piersol has been promoted to chairperson of the Golf Course and Landscape Operations programs at Lake City (Fla.) Community College. Piersol has been a landscape instruc-

tor at Lake City since 1974.

The Golf Course Superintendents Association of America has named Bob Still media relations manager. He also serves as the tournament director for the Len Dawson Celebrity Classic in Kansas City, Mo.

E-Z-Go Textron has made a number of promotions. David A. Johnson has been named vice president for marketing. In addition, J. Hampton

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Manning has been promoted to vice president for sales. The company also promoted **Michael Aponas** to regional manager for Midwest sales, and **Robert Lee Mossman** regional manager for Southwest sales.

Carl R. Tanner has been appointed business manager, turf products, in the Vegetation and Pest Control Ventures Department of American Cyanamid's Agricultural Division.

Duane A. Brooks has been named sales representative for Tennessee by the Lesco Inc. Brooks was previously the superintendent at Rustic Woods Golf Course in Columbia Station, Ohio.



Tom Trayser

understands the need for professionalism to keep his company growing. But, he told attendees of the Iowa Turfgrass Conference February 18, landscapers and lawn care operators also need to be professional to operate a successful business. "The lawn care industry gives outdoor visible pleasure to the world," he said. "You have to please customers, preserve the environment and manage people."

The industry, he notes, has a number of components: research, either by universities or private companies; manufacturing; distribution; marketing; and service. "All are involved in the industry," he said. "The industry is the sum of the total group." Professionalism fits into all these parts.

"The term 'professional' can be used two ways," Scobee explains. As a noun it refers to a person who does something with great skill. As an adjective, the term refers to a person who is worthy of the high standards of

his profession. "We have an obligation to the industry which provided us a livelihood," he comments.

Good, clean competition promotes professionalism in the industry. Scobee added that good management, the ability to keep the predominantly white-collar customers happy, along with getting employees to act and look professional work toward building the "professional" reputation. But, above all, Scobee emphasized, "there is no lasting success without quality."



Robert Scobee

ASSOCIATIONS

ALCA installs 1987 officers

The Associated Landscape Contractors of America installed its 1987 officers at its annual convention in San Antonio, Texas. Newly-elected officers are president Joe Carpenter; president-elect Bruce Hunt; vice presidents Ron Kujawa, Bob Maronde and Eldon Dyk; and secretary Ron Mark.

Also serving on the Executive Board of Directors are Michael Currin, Donald Wilson and Melanie Reinhold Sawka.

INDUSTRY

Professionalism a must for business to grow

Coming from The Andersons, a successful company based in Maumee, Ohio, vice president Robert Scobee

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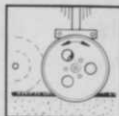
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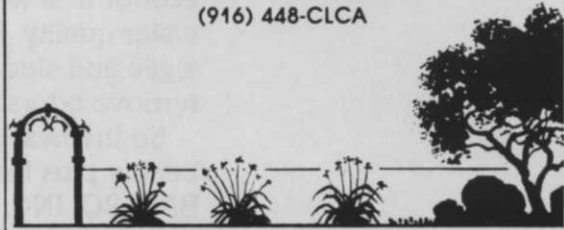
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SYLVAN SETTING

Lake Barrington Shores' attention to detail has made the Chicago-area development an award winner.

In the not-too-distant past, little thought was given to the landscape during construction of a housing or resort community. Often, a perfectly good setting was destroyed to make room for the buildings, then a landscape was designed around them.

However, efforts are being made to correct that. With careful planning and a lot of effort, the natural beauty of a development can remain, and often is enhanced.

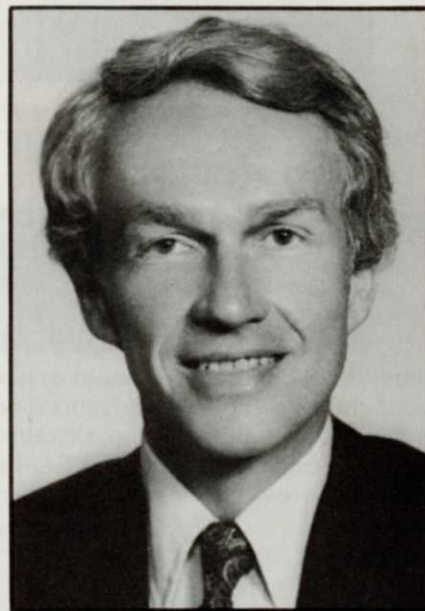
"It was a conscious decision at the outset to use the natural setting at Lake Barrington Shores as a canvas and improve it as much as possible," says John Smolenski, director of sales and marketing at the 520-acre residential/resort community near northwest suburban Barrington, Ill.

Lake Barrington Shores, a \$200 million townhome and condominium development designed around 100-acre Lake Barrington, received a "Best of 1985" award from the Chicago Sun-Times in February, 1986, for the year's finest use of land among home developers. In addition, ILT, the landscape management company working on the community, won a gold award from the Illinois Landscape Contractors Association for environmental improvement in multi-family landscape maintenance.

Bud Wehler of Lipp Wehler Peterson Ltd., a landscape architect com-



Country Club condos overlooking the golf course. First floor is Pinehurst, second floor Cypress.



John Smolenski says Lake Barrington Shores enhances the natural surroundings.

pany in Geneva, Ill., had the overall responsibility of designing and maintaining the woody landscape. When construction was ready to begin on the community in 1974, Wehler says, "We walked the site before the first home was built. Lake Barrington is partially situated in an oak forest," Wehler notes. "On one side of the

lake, we had many large specimens and the supporting vegetation to work with."

The other side of the lake was the opposite. That area was a plowed field on the original property—a farm, still bare and furrowed. That field became the site of the 18-hole, 6,405-yard championship golf course. "But, we still had to consider trees and plantings to act as a buffer between the course and the homes that would line it," remembers Wehler.

After determining the site's natural assets, Wehler talked with Edward and Kenneth James, co-developers of the property, and Harry Reid, California-based architect of the homes.

They emphasized the need to preserve the area's natural woodland beauty. Wehler's company worked with the site planner to indicate which trees, or clusters of plant material, should be preserved.

"The result is that, in some instances, a house layout may change a few feet, or the road layout is adjusted to avoid disrupting an area we'd like to preserve," Wehler says. Wood snow fences were put up during construction to mark which areas to preserve.

A group effort

"Usually groups of plant materials, not just one tree, are saved," Wehler

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says. Since oaks feed within the top six inches of soil, an area of secondary plant life around the tree is preserved "because plants protect each other," he explains. After certain specimens were selected, other measures had to be taken after construction began.

"In some cases the grading had to be changed to redirect the drainage. Or if a wall or walkway was too close, a retaining wall had to be built around the tree and plant material," Wehler notes. Some specimens from the forested area were transplanted to the area bordering the homes along Lake Barrington Shores' golf course and common areas. Some evergreens that were moved were as tall as 35 feet.

Plant selection varies with each new condo phase built, but the techniques of preservation and relocation are pretty much the same, Wehler says. (Landscape planning has begun for the 11th phase of construction. More than 1,050 of the proposed 1,360 units have been completed.)

"We work with the larger and existing plant materials, and compromise with the construction company to save some specimens, transplant some or lessen the destruction of others," Wehler says.

After the homes are built, smaller flowering plants, low evergreens and ground cover are installed. Various types of trees are planted, including ash, honey locust, lindens, sugar maples and more ornamental varieties, such as river birch, flowering crab apples and alders.

"We also select a range of plants that will provide a landscape 'show' for all seasons," Wehler adds. "For example, Cornelian cherry blooms in early spring before forsythia; then come red bud and lilacs. The flowering crab apple trees bloom in early spring. Potentilla with yellow blossoms, spirea and hydrangeas with white blossoms, bloom in summer.

"Dwarf shrubs add greenery and changing leaf colors in fall and the witch hazel shrub blooms in fall," Wehler explains. "Later, evergreens inject color and a softening effect into the winter landscape."

Down to size

Smaller blossoming trees, shrubs and evergreens work to keep buildings in human scale. "The plants bring buildings down to a life-size scale and soften the structural lines," Wehler says. "Homesites literally are part of the landscape.

"What we've done is keep the specimen plants in scale with the building," he adds. "It looks good as soon as (the owners) move in."

This same principle applies to the

So much importance is placed on restoration and preservation that the condominium association even has a special assessment to replace dead trees.



At Lake Barrington Shores, avid golfers can tee off just a few steps from home.

landscaping done around the common area buildings at Lake Barrington Shores. Near the golf clubhouse, which recently underwent a \$250,000 expansion, Scotch pines were planted to complement an existing group of sugar maples that's being preserved. To add further visual softness, red jade (a type of weeping crab apple tree) was planted nearby.

Wehler estimates a 1:1 ratio between man-made environment and the natural environment. "Keeping a natural-looking community is important," sales director Smolenski stresses. "This 520-acre site was selected because of its natural beauty. The homes have natural cedar siding and shingles. The preservation or restoration of plants and trees is important. This is not 'bulldozer country.'"

"It all blends into the landscape," Wehler adds. "Everything is oriented toward these natural spaces."

Smolenski says that so much importance is placed on restoration and preservation that the condominium association even has a special assessment to replace dead trees in the 35-acre private forest preserve.

Attention to the landscaping around the homes works in harmony with efforts to preserve or restore the naturally-wooded areas to create a lush and lasting forested community. "We plan landscaping for the next 25

years," Wehler notes.

Mature oaks, willows and pines which line Lake Barrington are proof that the years only magnify nature's beauty. Lake Barrington Associates is currently offering homes priced from \$118,200.

The development has won several awards for attention to landscaping and conservation, including citations from the Home Builders Association of Greater Chicago and the National Arborist Association.

Diversions offered by Lake Barrington Shores dwellers are fishing, sailing, canoeing, bathing on a huge sand beach adjacent to the community marinas, golfing and tennis (10 courts). Residents can also enjoy a 35-acre private forest and wildlife preserve, a three-mile jogging and biking path, and a clubhouse complex that includes both outdoor and indoor swimming pools.

Construction is expected to be completed within five years. The project itself will cover nearly 20 years.

"The developers found a terrific place and played up the natural surroundings," Wehler comments. "They've put people in there without disturbing the environment. I think that's quite an accomplishment."

It's an accomplishment worth noting — and one worth copying. **LM**