

"Protect Yourself from Lyme Disease:" send \$6.50 to Dell Reader's Service, P.O. Box 5057, Des Plaines, IL 60017.

raccoons and squirrels.

Typical symptoms of the disease are a bull's-eye shaped rash, headaches, fever, chills, nausea, fatigue, muscle and joint pain and swollen glands.

Symptoms can worsen to include arthritis, nerve or heart disorders, meningitis, encephalitis and facial paralysis.

Brochures on Lyme disease are available from The Lyme Disease Center, New York Medical College, Valhalla, NY 10595.

—Terry McIver □

SHORT CUTS

CREEPING BENTGRASS SOD...is still in short supply as demand for the cool-season species remains high. Seed Research of Oregon has an information kit for growers interested in producing high quality creeping bentgrass sod. Information contained in the kit deals with all aspects of high quality bentgrass sod production, from developing a proper rootzone mix to harvesting and shipping. The number to call is (503) 757-2663 or (800) 253-5766.

INTERESTING 'DWARFS'...Pickseed West, Inc., of Tangent, Ore. continues to emphasize low-maintenance, high quality cool-season turfgrass varieties, according to plant breeder **Dr. Jerry Pepin**. Newest "dwarf" varieties from Pickseed are LowGrow perennial ryegrass; and Shortstop, Crossfire and Mini-Mustang turf-type tall fescues. Shortstop was made available last year. Crossfire and Mini-Mustang will be available this summer from selected Pickseed regional distributors.

TREE LEADER EXPANDS...The Davey Tree Expert Co. has acquired Canadian Shade Tree Service, Ltd., of Montreal. Davey says Canadian Shade is the largest residential tree care company in Montreal. The Kent, Ohio-based company has other Canadian divisions in Ontario, Alberta and British Columbia.

BIRD LOVERS LISTEN UP...Landscaping with certain trees, shrubs or vines will have special appeal to birds, says **David Tatnall**, garden specialist with the University of Delaware. Tatnall says suitable tree selections are small-fruited crabapples; white pine and hemlock from the evergreen family; shrubs such as Japanese barberry and Tatarian honeysuckle bear. Virginia creeper is an ideal vine, Tatnall says, but hummingbirds are attracted to the large orange and scarlet flowers of the trumpet creeper, which should be used moderately, especially against structures.

PROMOTING THE PROFESSIONAL...is the goal of an advertising program initiated by the California Landscape Contractors Association. The ad encourages commercial clients to hire CLCA members for "the finest in landscape installation and maintenance." Public relations chairman **Richard Plaxo** says CLCA "wants to stress that when clients hire a member, they're assured quality results and professionalism." The ad is available to CLCA chapters; insertion costs are shared equally by CLCA headquarters and chapters.

SEED INDUSTRY

Buffalograss gets okay for production

HEALEY, Kans. — Sharp Brothers Seed Co. and the University of Nebraska have reached an agreement on worldwide production and marketing rights to the new generations of buffalograss.

The company will distribute what are described as "new generation cultivars" of the extremely drought tolerant buffalograss into all regions of the U.S., especially those areas where environmental and water conservation concerns are high.

"We feel this is an opportunity to provide the turfgrass industry with varieties of buffalograss which require low amounts of water and maintenance and yet perform as a beautiful, durable turf," says

Steve O'Neill, turf division manager at Sharp Brothers.

According to Sharp President Gail Sharp, the first challenge will be "to utilize these varieties not only as vegetative, but as seeded varieties also. Evaluations will be instigated immediately within our production facilities. We hope to supply seed from these varieties within the next few years."

Dr. Terry Reardon, turfgrass breeder from the University of Nebraska, says a turf-type buffalograss will allow the consumer to continue to have a nice lawn, park or golf course, but with significant reductions in demands on the environment, such as less use of water and control products. □

LAWN CARE

Brooks requests changes

MARIETTA, Ga. — James R. Brooks, executive vice president of the Professional Lawn Care Association of America (PLCAA), has recommended to the board of directors that it reorganize staff responsibilities.

Brooks, with PLCAA since 1983, has requested his own title be modified as

he concentrates more on membership development and trade show marketing.

"The lawn care industry continues to diversify," Brooks told the board, "and PLCAA needs to make a more concerted effort in identifying and meeting the business efforts of all types of companies, particularly the smaller operator." □

For a varie



Fiesta II

Perennial Ryegrass

This advance generation turf-type perennial ryegrass is setting new standards for quality, color, and performance. Its dark green color, fine leaf texture, and environmental tolerance gives you beautiful and functional results, while its high seed count stretches your grass seed dollar. Use Fiesta II straight or in Futura 2000 where it is blended with Blazer II and Dasher II perennial ryegrasses. A genetically superior combination for perennial turf in the North and overseeding in the South.

BANFF

Kentucky Bluegrass

Banff is a vigorous dwarf variety that was discovered on the Banff Springs Golf Course in Alberta, Canada. There, Banff survived twenty years of continual heavy watering, repeated attacks from snow mold, and close mowing on a putting green. Just imagine what it could do for you. Banff establishes quickly and forms a disease resistant, cold tolerant, dark green turf.

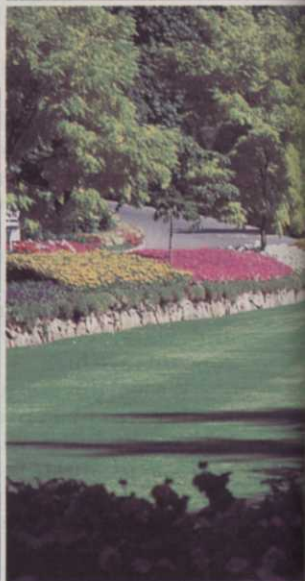
Touchdown

KENTUCKY BLUEGRASS

Since Touchdown's discovery by the late Tom Rewinsky on the National Golf Links of America on Long Island, this elite bluegrass has become the top choice of sod producers. Its aggressive growth habit and rapid establishment crowds out weeds and Poa annua while developing an even, dark green turf.



Mustang is the tall fescue that looks like bluegrass. Its finer texture, darker green color, and wear and drought tolerance have made it the choice for sports field, sod, park, and home lawn use. Mustang is available straight or in TEAM – a three-way turf-type tall fescue blend that also contains Maverick II and Thoroughbred.



Colt is an Oregon produced variety that offers you domestic seed production benefits. It combines superior turf performance and turf quality with genetic adaptation to North American growing conditions. It is dark green, shade tolerant, disease resistant, and very winter hardy. Colt is a vigorous, low-growing variety that has excellent overseeding qualities.



For the fourth consecutive year Victory was the highest rated commercially available chewing fescue in the national Fine Fescue Trials. Victory is a low growing, shade tolerant variety that has possibly the darkest green color of any other chewing fescue. It exhibits superior uniformity and disease resistance, too. If you like picking winners, pick Victory.

ty of reasons.



CROSSFIRE TURF-TYPE TALL FESCUE

Crossfire turf-type tall fescue is the only strategy you need for battling a summer ambush of heat and drought. Crossfire is a lower and slower growing variety of tall fescue that exhibits a very dark green color. It combines improved heat and drought tolerance with outstanding turf quality to produce a dense and durable turf. Crossfire's high marks in overall performance during its initial evaluation proved it was ready for the field. Let Crossfire show you how to endure a long summer siege.

SPARTAN HARD FESCUE

Spartan is a robust, advanced generation of hard fescue that is dark green, leafy, and persistent. It demonstrates excellent cold tolerance and creates attractive, low growing, low maintenance turf. Spartan mixes well with perennial ryegrass, Kentucky bluegrass, and other fine fescues. It is an outstanding component in many shady and low maintenance mixes suited for use on home lawns, parks, and golf course roughs.

AMERICA KENTUCKY BLUEGRASS

America is a low maintenance Kentucky bluegrass that has a dense dwarf growth habit, dark green color, excellent disease resistance, and good shade tolerance. Perfect in mixes, America is ideal for golf course fairways, sod production, playing fields, and home lawns.

Pickseed also produces the following quality turfgrass varieties: Agram chewing fescue, Jasper creeping red fescue, Jazz perennial ryegrass, Alpine Kentucky bluegrass, Exeter colonial bentgrass, and National creeping bentgrass.

SHORTSTOP TURF-TYPE TALL FESCUE

Shortstop is the little guy with big benefits. As its name implies, Shortstop is a slower and shorter growing variety of turf-type tall fescue. But don't let its stature fool you. Shortstop is plenty tough. It has heat and cold tolerance, disease resistance and is widely adapted. Shortstop forms a beautiful, dense, uniform turf of finer, darker green leaves.

BRONCO Kentucky Bluegrass

Bronco is a very wide bladed Kentucky bluegrass that was developed specifically as a mix companion for turf-type tall fescue. While its texture and color gives it the appearance of a tall fescue, the comparison between the two ends there. Bronco is elite Kentucky bluegrass all the way. Its been bred to be less dense so it won't crowd out tall fescue and yet still aggressive enough to fill in and repair damaged areas quickly. That's what makes Bronco ideal for sports turf use.

Pickseed products are distributed throughout North America by quality seed suppliers.

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SUPPLIERS

Lesco files suit against Echo and its distributors

CLEVELAND — Lesco Inc. has filed a suit in U.S. District Court seeking injunctive and other relief from Echo Inc. and its distributors to prevent them from breaching or interfering with its contract, in violation of federal antitrust law.

In the suit, Lesco said it obtained contractual rights to distribute Echo power equipment and introduced the line at its national sales meeting. However, Lesco said it was told later that it was no longer possible for Echo to sell products to Lesco because of coercion and threats from certain Echo distributors and dealers which encouraged Echo to breach its agreement and to restrain trade.

"We feel there's no substance in the lawsuit filed by Lesco," says Echo's Eugene Stanky. "We've been

meeting with Lesco for the past month (May) in hopes of resolving this. We think there's just been miscommunication, but it takes two to solve a problem."

Lesco seeks to enjoin certain Echo distributors and dealers from coercing or encouraging Echo to breach its agreement, according to a press release from Lesco. The suit includes more than 50 defendants affiliated with the Echo distribution network, the announcement further notes.

According to the release, Lesco has yet to determine the full extent of damages as a result of the breach of contract, but is seeking damages and costs plus punitive damages of \$20 million in each of five specific claims against Echo and the other defendants. □



Honored

SAN BERNARDINO, Calif. — Dr. Kent Kurtz, a member of the LANDSCAPE MANAGEMENT technical advisory board, won a special award from the California Association of Park and Recreation Commissioners, and a merit award from the California Park and Recreation Society. Dr. Kurtz received the awards at the 42nd California and Pacific Southwest Recreation and Park Conference in San Diego.

LITERATURE

Information on PVC available

WAYNE, N.J. — A new information package about various applications of polyvinyl chloride (PVC) in water and sewer pipe projects is available from the Pipe Resource Organization of The Vinyl Institute.

"PVC for All the Right Reasons" contains case histories of PVC pipe applications, testimonials from engineers and municipal water officials, and a list of Vinyl Institute members.

"Our goal is to provide accurate and timely information about PVC pipe to both current and prospective users and to communicate PVC's many advantages," says Dave Peters, chairman of the Pipe Resource Organization.

For more information, contact the Vinyl Institute: Wayne Interchange Plaza II, 155 Route 46 West, Wayne, NJ 07470; (201) 890-9299. □

EASY COME.



Top row: Leaf-feeding caterpillar, Mealy bug, Japanese beetle, Bagworm, Gypsy moth. Bottom row: Cankerworm, Leaf skeletonizer, Tent caterpillar, Webworm.

MUNICIPALITIES

Escondido planting program is aimed at improving air quality

ESCONDIDO, Calif. — This city has launched an ambitious program to plant 5,100 trees within the city limits this year. The program is being implemented to help promote better air quality—a concern in this part of southern California—and to beautify the environment.

Two thousand of the trees will be given free of charge to residents to plant, and 3,100 additional trees will be planted by city workers throughout the municipal park system.

City Parks and Recreation Director Don Anderson says the general public would be given the necessary guidance to assure the health and stability of their newly-planted trees. For starters, residents receive a detailed instruction booklet when they pick up the trees at City Hall.

In addition, V.I.T. Products donated "Cinch-Ties" to the city so tree-tying devices would not have to be purchased. According to V.I.T. president Don Pagano, "This left more money in their arbor program budget so that even more trees could be purchased. This is our way to show that we care about the quality of life within our



Don Pagano, left, donates Cinch-Ties to Escondido Parks Director Don Anderson.

community."

Cinch-Ties are positioned around the tree trunk and secured to lodge poles to promote stability and flexibility as the tree grows. For more information, contact V.I.T. Products at 300 Enterprise, Suite 0, Escondido, CA 92025; (619) 480-6702. □

CORRECTION

Baldwin College has ornamental, turfgrass studies

TIFTON, Ga. — Abraham Baldwin Agricultural College here offers seven ornamental and turfgrass study courses leading to two-year Associate of Applied Science degrees.

According to Prof. Ed Seagle, the areas of study are: floral design, ornamental production, landscape management, golf/turf management, golf club management, commercial turf management and turf equipment management. Seagle, along with students William Dillard and Janna Waters, were inadvertently not identified in a photo recently. The original photo appeared on page 28 of the May issue of LANDSCAPE MANAGEMENT.

For more information on the college, write him at P.O. Box 8, ABAC Station, Tifton, GA 31794. □

EASY GO.

NEW!

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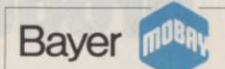
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control. And all while using about 60% less chemical than most of the competition.

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Chickweed



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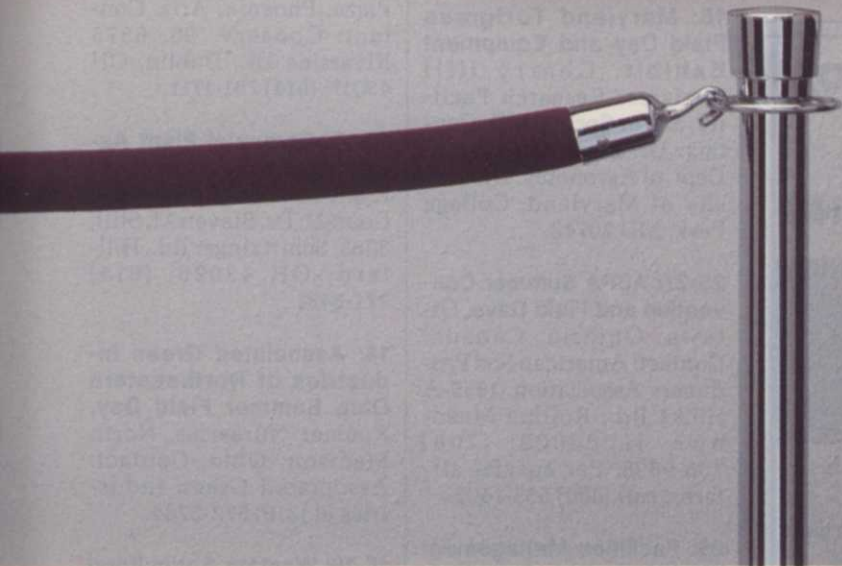
Elanco introduces the unique preemergence broadleaf weed control for golf courses. New Gallery 75DF. An original work of art. And science. With a new chemistry so advanced, it outdates postemergents, saving you time and labor costs.

The Gallery collection includes 44 of your toughest broadleaves such



White Clover

No Reproductions



as spurge, chickweed and white clover. With no reproductions allowed.

All you'll see is masterpiece turf. Free from broadleaves. And free from injury. New Gallery is actually more tolerant to all major species of cool and warm season turf, including bentgrass, than other herbicides. And there's no risk of off-site damage to nearby ornamentals.

Discover the fine art of broadleaf weed control with new Gallery. See your Elanco distributor. Or for a free brochure, call toll-free: **1-800-352-6776.**

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EVENTS

JULY

14-18: American Association of Nurserymen/Tennessee Nurserymen's Association Trade Show. Contact: Dr. Paul L. Smeal, Virginia Polytechnic Institute, Blacksburg, VA 24061-5445; (703) 231-5609 or (703) 231-5445.

18: Annual Nursery Field Day, Virginia Beach, Va. Contact: Hampton Roads Agricultural Experiment Station, 1444 Diamond Springs Rd., Virginia Beach, VA 23455; (804) 363-3900.

18: Facilities Management Workshops, Davidson College, Davidson, N.C. Contact: Professional Grounds Management Society, 10402 Ridgland Rd., Suite 4, Cockeysville, MD 21030; (301) 667-1833.

18: Maryland Turfgrass Field Day and Equipment Exhibit, Cherry Hill Turfgrass Research Facility, Silver Spring, MD. Contact: Dr. Peter Dernoeden, Dept. of Agronomy, University of Maryland, College Park, MD 20742.

25-27: ASPA Summer Convention and Field Days, Ottawa, Ontario, Canada. Contact: American Sod Producers Association, 1855-A Hicks Rd., Rolling Meadows, IL 60008; (708) 705-9898. For special airfares, call (800) 535-1492.

26: Facilities Management Workshop, Ohio State University, Columbus, Ohio. Contact: PGMS, 10402 Ridgland Rd. Suite 4, Cockeysville, MD, 21030; (301) 667-1833.

29-31: International Lawn, Garden and Power Equipment Expo 90, Louisville, Ky. Contact: Andry Montgomery & Assoc. at (800) 558-8767.

AUGUST

1: Park & Recreation Industry Expo, Anoka Technical College, Bloomington, Minn. Contact: Dean E. Heng, (612) 559-6703.

12-15: International Society of Arboriculture Annual Conference, Sheraton Center Exhibit Hall, Toronto, Ontario. Contact: Jerri Moorman, 303 West University, Urbana, IL 61801; (217) 328-2032.

12-16: National Conference and Exposition Offering Water Supply Solutions for the 1990s, Phoenix Civic Plaza, Phoenix, Ariz. Contact: Conserv '90, 6375 Riverside Dr., Dublin, OH 43017; (614) 761-1711.

12-17: Perennial Plant Association Symposium; Hyatt Ravinia, Atlanta, Ga. Contact: Dr. Steven M. Still, 3383, Schirtzinger Rd., Hilliard, OH 43026; (614) 771-8431

14: Associated Green Industries of Northeastern Ohio Summer Field Day, Roemer Nurseries, North Madison, Ohio. Contact: Associated Green Industries at (216) 572-2784.

15-16: Western Agricultural Chemicals Association Regulatory Affairs Seminar, "Involuntary Exposure: Cause for Concern?," Hyatt Regency Hotel, Sacramento, Calif. Contact: WACA, 930 G. St., Suite 210, Sacramento, CA 95814; (916) 446-9222.

15-16: Texas A&M University Field Day, Dallas. Contact: Dr. Bill Knoop or Dr. Milt Engelke, (214) 231-5362; (214) 343-5011.



Chisox get new home; Bossard gets new toy

CHICAGO — As one of the grand old major league baseball parks nears the end of her storied career, Roger Bossard awaits the birth of her offspring with bated breath.

Bossard, head groundskeeper at Comiskey Park, will be establishing a new field at the new Comiskey Park in a few scant weeks. He is, self-admittedly, "like a kid with a new toy."

The original park—home to the White Sox since 1915—lives her last days in the shadows of the huge new park, which grows with each passing day, on Chicago's South Side.

Bossard, a third generation groundskeeper, is having the new field built to his exact specifications. That includes a Bossard drainage system with tile on 15-foot centers and Du Pont stabilization fibers imbedded four inches under the soil surface.

"If this doesn't work, I'll be looking for a new job," says the 23-year Comiskey park veteran. Using a demonstration model, he shows visitors how the new field will allow one inch of rainwater to drain in just 26 minutes.

The new field will have a 0.25 percent slope—three inches for every 100 feet. The surface pitch will be six inches to the 100 feet. "I don't want to get rid of all my moisture," Bossard notes. "I want the plant to grow."

Bossard has been working closely with Dr. Hank Wilkinson of the University of Illinois, plus personnel from Evergreen Sod Farms and Hunter Irrigation Systems.

Clearly, drainage is of utmost importance to Bossard. But he offers these observations to other field managers, who may not

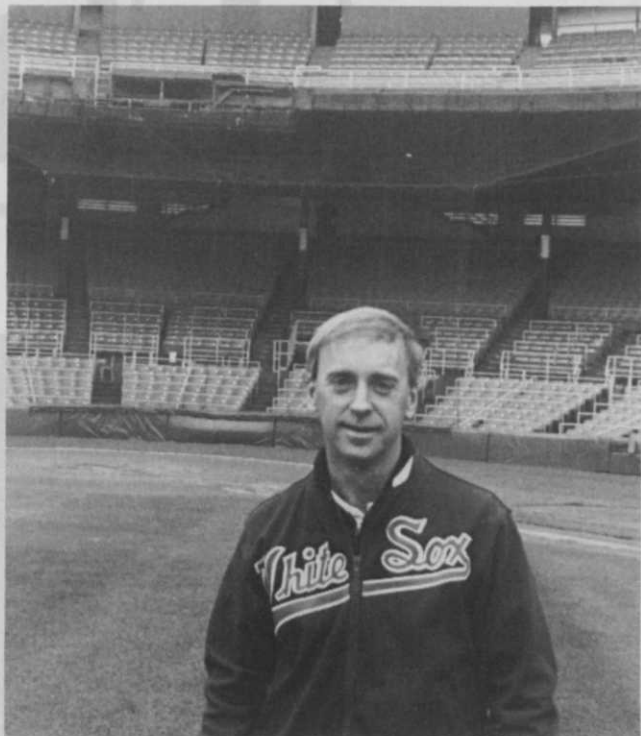
have the resources of a major league organization from which to draw:

- When you're building athletic fields, think of the players first, then drainage.

- Use no less than 70 percent clay in the infield soil mix. The other 30 percent should consist of ¼mm bank or cut sand (like beach sand). He warns against torpedo (rough granular) sand.

- Add a calcine clay like Turface to the mix. "It's used by three-fourths of the major league clubs," Bossard notes. "This type of soil conditioner can cut labor man/hours by 30 percent, rain-outs by 50 percent and expenditures by 20 to 30 percent." He says seven or eight tons of

continued on page 66



Bossard is taking nine inches of his infield mix to the new park: "Don't change the engine if the car's running good."

Personnel changes shake up PLCAA, STMA, GCA

The Professional Lawn Care Association of America (PLCAA) is looking for a new executive director, says to President **Rick Steinau**. A search committee hopes to present the final candidates to its Board of Directors at a mid-August meeting. Perrone-Ambrose Associates of Chicago has been retained to help the search, Steinau says.

To apply for the position, send resume and any supporting items to PLCAA, P.O. Box 37462, Cincinnati, OH 45222.

Dale Keller is new full-time executive director of the Sports Turf Managers Association (STMA). Keller is with R/K Communications Group, Inc., of Las Vegas, which was named the association's management firm.

Keller takes over for **Mark Hodnick**, who becomes treasurer.

STMA says Keller is working on a five-year plan to determine specific objec-

tives and specific year-by-year goals, activities, and financial data to support the plan. Included will be plans for fund-raising, membership development, foundations, education, research, scholarship, promotion and award programs.

STMA's new address is: 1455 East Tropicana Ave., Suite 390, P.O. Box 98056, Las Vegas, NV 89183.

Elsewhere in the green industry, a founding member of the Golf Course Association decided to step down: **Curt Walker** served as executive director of the association for privately-owned public golf courses since 1984.

"GCA will always be home to me," says Walker. "Its financial strength today and its recent growth have assured the association a firm position as a major organization in the emerging pattern of professional golf management organizations."

A key to the recent

growth of the privately-owned public golf course, according to **Fred Tingle**, owner of Springdale Country Club in Canton, N.C., has been "GCA's role...and its acceptance by larger golf-related organizations where our interests are similar."

Walker's resignation will become effective once his successor is chosen.

Dan Maples of Pinehurst, N.C., was elected president of the American Society of Golf Course Architects (ASGCA) at its recent meeting in Pebble Beach, Calif. Maples, son of former ASGCA President **Ellis Maples**, has designed 36 courses from Georgia to Maine, as well as one in Spain.

Other ASGCA officers elected at the meeting are **Thomas Clark** of Wheaton, N.J. as vice president; **Arthur Hills** of Toledo, Ohio, as secretary; and **Gerald Matthews** of Lansing, Mich., as treasurer. □

The Cor



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