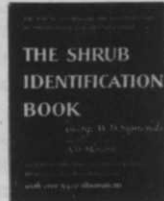


Bookstore

385 - TREES FOR ARCHITECTURE AND THE LANDSCAPE by Robert L. Zion
A book of photographic tree definitions, or portraits, intended to facilitate communication between the landscape architect, the architect and the layman. **\$11.95**

665 - THE OXFORD ENCYCLOPEDIA OF TREES OF THE WORLD - Bayard Hora, Editor
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480 - GREENHOUSE MANAGEMENT FOR FLOWER & PLANT PRODUCTION by Kennard Nelson
Approaches business from two aspects - the soil environment and air environment and stresses their interrelationship. Management of business procedures, physical facilities and marketing are discussed as well as the importance of crop rotation and scheduling. **\$15.35**

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510 - HORTUS THIRD from Cornell University
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540 - INTRODUCTION TO FLORICULTURE by Roy Larson
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WTT11

UPDATE

Harley-Davidson managers buy from AMF

Members of the Harley-Davidson management team have purchased the Harley-Davidson Motor Co., Milwaukee, WI, from AMF Corp. for an undisclosed sum.

The management group was led by former AMF vice president and motorcycle products group executive Vaughn Beals, who has been named chairman of the board and chief executive officer of the stand-alone company.

The purchase, which comprised an undisclosed amount of cash and securities, included all Harley-Davidson facilities in Wisconsin and related facilities in York, PA; motorcycle and golf car divisions; parts and accessories division; and related assembly operations.

New officers of the company include: Charles Thompson, president and chief operating officer; Jack Hamilton, Chris Sartalis, Jim Paterson, Kurt Woerpel, Peter Profumo, Jeffrey Bleustein, Thomas Gelb, William Davidson, and Tim Hoelter, all vice presidents. The president of the divisions are: John Davidson, golf; David Caruso, parts and accessories; Ralph Swenson, York; and David Lickerman, Harley-Davidson International.

"We see this as a unique business opportunity," said Beals, "Harley-Davidson is known worldwide and an increasingly broad spectrum of people are now turning to motorcycling for recreation and fuel-efficient transportation.

In 1980 Harley-Davidson had a 17% gain on sales of \$290 million.

GCSAA begins seminar series

The Golf Course Superintendents Association of America began its seminar series in October with two separate programs. The first is an Insect Identification and Control seminar taught by Dr. Harry Niemczyk of the Ohio Agricultural Research and Development Center. Niemczyk is a leading entomologist in the U.S. and a specialist in turf. Dr. Houston Couch of Virginia Polytechnic Institute, Blacksburg, is teaching a seminar on turf diseases. Both seminars are being held on the East Coast from Massachusetts to Maryland.

The seminar series is the first expansion of GCSAA's educational program as directed by the Education Committee during a meeting in April and at last year's convention in Anaheim. The association plans to significantly broaden its educational efforts in the next three years. Some of the new programs may benefit non-golf turf managers.

In an article in the September issue of *Golf Course Management*, GCSAA Executive Director James McLoughlin said the association plans more use of audio/visual programs, manuals, seminars and correspondence courses to meet the growing demand for information by its members. He said educational efforts will extend beyond agronomic topics to business planning, computers, career planning and public golf operations. Educational sessions at the annual show in New Orleans will reflect this new direction in training, McLaughlin promised members.

Club membership rises, up from 1970's

Total membership for country and city clubs rose by 4%, according to Patrick O'Meara, national director of club services at Pannel Kerr Forster. The largest growth in membership took place in the East with a 5.7% increase, in contrast to the South which reported only a 0.5% rise.

O'Meara stated that total revenues for country clubs grew by 10.7% last year, offsetting a 10.5% increase in operating costs and expenses. In 1980 golf course maintenance costs climbed by 10.9% and have more than tripled in the last 20 years.

O'Meara said the increase contrasts with membership losses in the 1970's.

News from page 6

LANDSCAPE

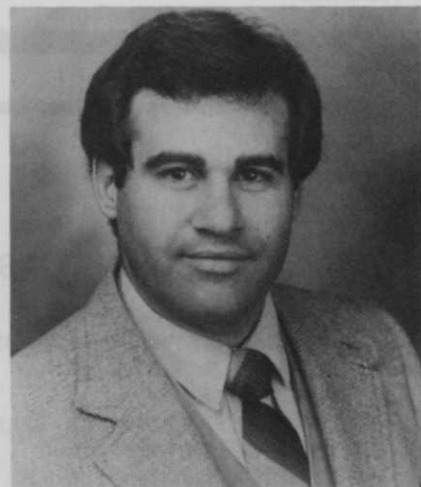
Los Angeles opens trouble-shooting agency

Los Angeles has opened a "one-stop" County Land Development Coordinating Center, designed to reduce the cost of delay in obtaining required building permits.

The center was created to streamline Los Angeles County development approval procedures by providing information, advice and guidance to individuals and developers on the requirements involved in processing plan amendments, zone changes, variances, conditional use permits and subdivisions. The center, located in the Hall of Records, received unanimous approval from the Los Angeles County Board of Supervisors and is expected to encourage the development of new housing.

According to Supervisor Michael Antonovich, the center could cut processing time from at least three months to as much as eight months. He added that conservatives estimates are that for each month of delay, two percent is added to the cost of housing. Antonovich pointed out that on a \$100,000 unit financed with a conventional 30-year loan at 15 percent, the immediate savings would be \$16,000.

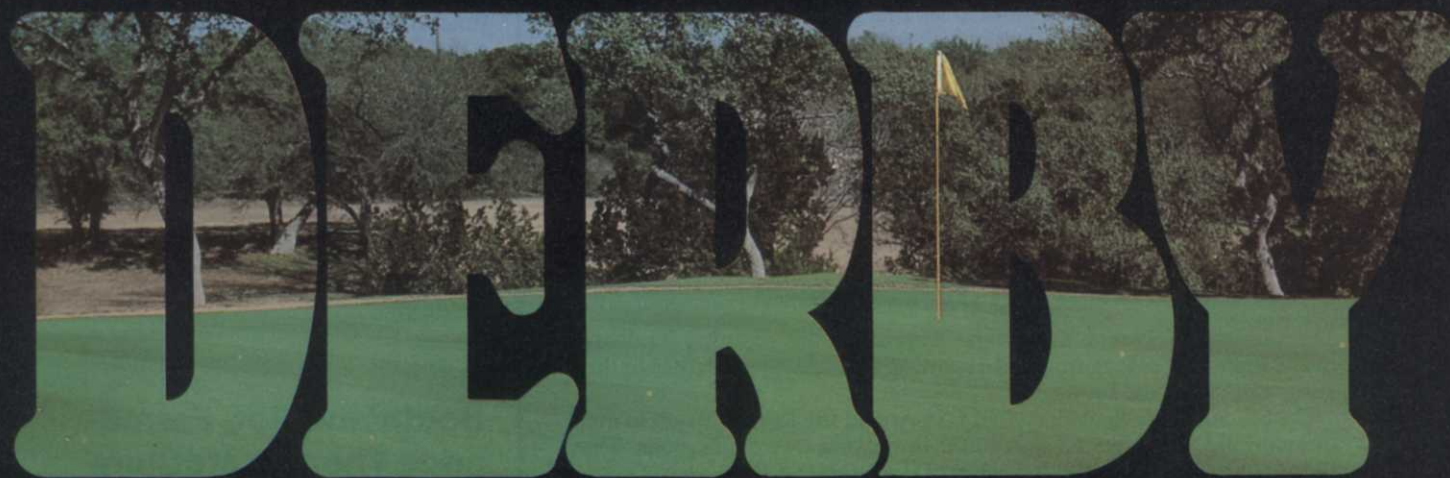
The center will operate on an experimental basis for one year, at which time an independent evaluation will be conducted to determine whether or not to continue and possibly expand the program.



Rain Bird Sprinkler Mfg. Corp., Glendora, CA, has promoted Steve Springer to product manager for the turf division. Springer will be involved in the development and coordination of new irrigation products for the company's turf market.

Continues on page 14

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It also mixes well with bluegrass or fine fescue, tolerates a wide range of soil types from heavy clay to sandy and retains its deep green color when used as a winter overseeding grass for dormant native Southern grass.

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Irrigation effects outlined in paper

A paper by Jerry Robertson, Department of Horticulture, Ohio State University, has charted the potential impact of watering bans on the landscape industry. Robertson said 90 percent of the industry's firms are located in drought affected areas, with more than 50 percent in the states of Pennsylvania, New York, Ohio, California, and Florida.

The problem is more distribution of rainfall than amount of rainfall. Furthermore, less than 1 percent of water used in the U.S. goes toward irrigating landscape plants.

A ban on irrigation could damage more than \$500 billion worth of residential and commercial landscaping in the U.S. Certainly there is reason to study risks versus benefits of landscape irrigation bans.

First massive reclamation program

Secretary of the Interior James Watt has announced that West Virginia will receive a grant of \$2.27 million to correct major damage caused by earlier surface mining. The grant is the first major use of funds collected from mine operators under the Surface Mining Control and Reclamation Act.

West Virginia has nearly 180,000 acres of unreclaimed abandoned mine land and 3,100 miles of streams damaged by mining practices. The state plans to spend more than \$30 million on reclamation of old sites in the future.

The state's Department of Natural Resources has selected 11 projects in eight counties for funding.

Council offers tree appraisal aids

The Council of Tree & Landscape Appraisers are assisting landscape professionals in calculating and reporting tree and plant values to their customers with new forms.

Dr. L.C. Chadwick, chairman of CTLA, said the forms, "Seem to meet the working needs we all encounter in making tree evaluations. They help to enhance the professionalism of the appraiser."

Documentation not only proves invaluable during insurance claims, but supports the investment in tree maintenance. Forms are available from CTLA, 232 Southern Building, Washington, D.C. 20005. The cost is \$1 each for up to 50 copies, 75 cents for 50-100, and 50 cents for more than 100.

Landscape architect directory is free

The 1981 National Directory of Landscape Architecture Firms is available free of charge to individuals, corporations, and government agencies interested in contracting for landscape architectural services. The 140-page directory lists firms by alphabetical order, geographic location, and specialty. It also lists representative projects of each firm for reference purposes. The publication is available from the American Society of Landscape Architects, 1900 M St. NW, Washington, D.C. 20036.

ASLA meets in Washington D.C.

A program for small to large landscape architectural firms has been arranged for November 21-24 at the Washington Hilton Hotel. Architecture students are also welcome at this annual event.

Although the new headquarters building will not be completed as planned when the meeting was first scheduled, the fire damage has been removed and renovation is again underway.

Special sessions will cover managing the small firm, marketing, energy conservation, historic preservation, technology of tomorrow, and financial planning. Contact ASLA for more information.

News from page 12

WEEDS

Extension specialists publish colorful aquatic weed bulletin

Bulletin 839, *Identification and Control of Weeds in Southern Ponds*, has been published by the Georgia Cooperative Extension Service, in cooperation with U.S. Department of the Interior, Fish and Wildlife Service. The bulletin features 47 four-color photographs and a descriptive text written by two extension specialists. George W. Lewis, an extension fisheries specialist, and James F. Miller, an extension agronomist-weeds science specialist collaborated on the 28-page bulletin.

The Fish and Wildlife Service funded the preparation and printing as a result of a cooperative agreement to provide fish and wildlife extension services.

Copies of the publication can be obtained from two sources: United States Department of the Interior, Fish and Wildlife Service, 75 Spring Street, S.W. Atlanta, GA 30303 or Publications Editor, Georgia Cooperative Extension Service, University of Georgia, Athens, GA 30602.

SOD

Southland Sod Farms adds Thomas McClure

Southland Sod Farms, Camarillo, CA, has added Thomas McClure to its customer relations/sales staff.



Prior to his move to Southland, McClure was a territory manager for Amfac Garden Cal Turf and a horticulture instructor for the North Orange County Regional Occupational Program for four years. He entered the landscape/nursery industry in 1973 as a branch manager with Roger's Gardens.

Continues on page 23

NOW YOU CAN CHANGE FROM FORWARD TO REVERSE WITHOUT TOUCHING THE GEARSHIFT.



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It means you can move from forward to an equivalent reverse gear by simply disengaging the clutch, stopping the tractor, and then pulling the

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KUBOTA

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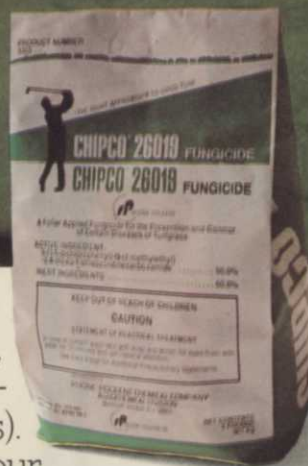


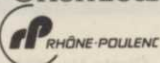
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GOVERNMENT UPDATE



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STANLEY

Circle No. 138 on Reader Inquiry Card

Silvex disposal cost to top \$12 million

Almost three years ago (Feb. 79), EPA issued an emergency suspension of the forestry, rights-of-way and pasture uses of the herbicide 2,4,5-T and all the registered uses of silvex, another phenoxy herbicide. The emergency suspension called for immediate discontinuation of manufacture, sale and use of the chemicals.

EPA and Dow Chemical, the chief producer of 2,4,5-T, are discussing ways to resolve differences on that herbicide or to finally cancel or reregister the chemical.

On the other hand, Chevron Chemical Co., the chief producer of Silvex, agreed to halt production, recall and dispose of the herbicide, and permanently cancel all of the registrations. In return, Chevron would be allowed to claim payment for all of the existing stocks of silvex.

In July, the U.S. Court of Claims ordered the Federal government to pay Chevron \$12,880,842.98 for its stocks of silvex. The cost of the decision to suspend silvex will be nearly \$19 million, not counting the time spent by hundreds of people involved in the many phases of the cancellation action.

USDA had back-up chemical for Medfly

If malathion had not been effective on the Mediterranean fruit fly (Medfly), the USDA had a back-up chemical.

On July 7, the Department had requested a Section 18 specific exemption for the use of acephate (Orthene) to eradicate the Medfly in California. This was just three days before the Governor of California agreed to the aerial use of malathion and one week before the spraying began. EPA did not publish this request in the Federal Register until August 24. When the comment period closed on September 8, USDA has already withdrawn the request. By that time the Federal authorities considered the prospects favorable for the successful eradication of the Medfly infestation.

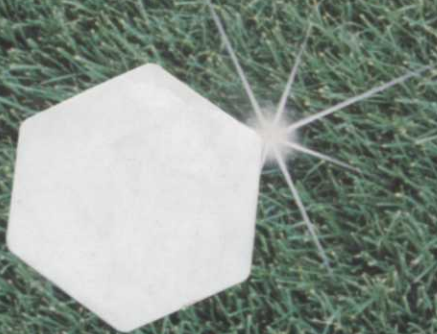
As a result of experiments run to determine the efficacy of the organophosphate insecticide, acephate on the Medfly, the USDA was aware that this chemical had two decided advantages over malathion. Acephate provided a better residual of effective bait and did not damage car finishes. However, the acute oral LD₅₀ (rat) of 945 mg/kg for acephate compared to 1375 mg/kg for malathion. Acephate, Orthene®, is known more for its control of insect pests on ornamentals than for its agricultural uses. There are only 6 tolerances for the residue of acephate on raw agricultural commodities and a few more for meat, eggs, and milk products. When I last counted the malathion residue tolerances 3 years ago, there were 146 of them. I'm sure that the officials involved in Medfly programs decisions did not look forward to selling the safety of aerial spraying of acephate when the efficacy and safety data was not as well-documented as that of malathion.

1978 census puts \$3.5 billion tag on nursery

The U.S. Census Bureau periodically surveys the agricultural sales in the country. In 1980, a very comprehensive survey was made as a part of the decennial census mandated by the Congress. The results of this survey are still unavailable, however, some figures from 1978 indicate that the nursery and greenhouse products business is a potent force in the market place—about \$3.5 billion divided as follows: foliage and flowering plants, \$815.0 million; other nursery and greenhouse products, \$793.0 million; cut flowers and florist greens, \$352.5 million; bedding plants, \$289.0 million; sod, \$174.2 million; and bulbs, \$31.3 million. There were more than 33 thousand farms with 1/2 million square feet under glass or other protection and more than 1/3 of a million acres in production. We can be proud of our green industry.

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