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But, even though it lasts longer, DURSBAN insecticide costs less than most other brands. In fact, you can do a 1000 sq. ft. area for as little as 35¢. Which is probably why many courses are using DURSBAN on tees and around the clubhouse as well as on their greens.

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Ad No. 1909



Cover: Performing competent brick masonry of walls, walks and other landscape elements can provide landscape contractor with an edge when competing for business.

APRIL 1982/VOL. 21, NO. 4



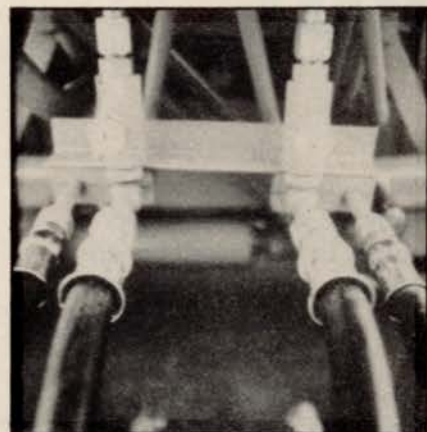
Toro, circa 1929. P. 20.

20 Golf Courses Good To Lofts and Toro

Lofts and Toro help celebrate *Weeds Trees & Turf's* 20th Anniversary with a look back at their progress during that period.

36 Dense and Showy, Cotoneasters Make A Good Choice

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24 Brick Walls And Walks

A practical look at how brick design and construction can be integrated into the total landscape picture.

42 Hydraulics Are an Asset If You Understand Them

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32 Coordinating Annuals With Flower Bed Design

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Lofts Seed founder, Selmer Loft, and Dr. C. Reed Funk.

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WEEDS TREES & TURF (ISSN 0043-1753) is published monthly by Harcourt Brace Jovanovich Publications. Corporate and Editorial offices: 757 Third Avenue, New York, New York 10017. Advertising offices: 757 Third Avenue, New York, New York 10017; 111 East Wacker Drive, Chicago, Illinois 60601 and 3091 Maple Drive, Atlanta, Georgia 30305. Accounting Advertising Production and Circulation offices: 1 East First Street, Duluth, Minnesota 55802. Subscription rates: United States \$15 per year; Canada \$18 per year. All other countries: \$40 per year. Single copies: \$2 in the United States and Canada; all other countries: \$4.50. Second class postage paid at Duluth, Minnesota 55806 and additional mailing offices. Copyright ©1982 by Harcourt Brace Jovanovich, Inc. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the publisher.

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**When you define the problem,
the solution is clear.**





WT&T

OUTLOOK

By Bruce F. Shank, Executive Editor

Extension's Battle for Bucks

Education, Research Are Now Businesses

The squeeze on funds for research and extension is reaching new proportions. Uncertainty of Federal dollars, reduced inflation, and lack of public support for specialty programs are beginning to take their toll on the technical backbone of the Green Industry.

Even departments run by professors with savvy are suffering cutbacks. Department heads are cutting operations and travel budgets to avoid cutting staff. Grant funds mean more to these departments now than ever before.

To obtain as much funding as possible, department heads have been forced to become salesmen, record keepers, and more visible to budget decision makers. Concentration on research is diluted by politics. Even if a project is adequately justified, it still must compete with other projects and other departments.

Consequently, extension and research needs your support. If you've never written your government representatives, please start today. The focus should be on state representatives due to the Reagan Block Grant Program. Tell them of the beneficial effect extension and university research has had on your business. Mention names of extension personnel who make major contributions to your market. Describe problems requiring future research and educational assistance. Be concise, keeping your letter to one page. Frequency is more important than length.

Describe the importance of your market to the representative's region. Try to determine the number of people (voters) employed in your business in your area, the taxes paid by such businesses, and the good will the district derives from your business. In states like Florida and Ohio, the value of landscape services is a major agricultural resource of the state.

Do not assume your state or regional association should fulfill this role. It should participate, but don't assume anything.

One possible result of the squeeze may be a more responsive extension service. Certainly research will shift to applied from basic. On the other hand, it may become too responsive to its grant sponsors at the expense of topics such as integrated pest management.

Regardless of the outcome, we absolutely require the valuable services of the Extension Service and state universities to progress. The time is now to speak up. A year from now could be too late. By 1985, Reagonomics will be in place and state priorities will be set for block grant funds. State legislators are forming their opinions right now. University department heads have saved their critical programs for 1982, but 1983 is another matter.

We are competing against the big boys, welfare, highways etc. Parks, turf, horticulture, nursery, interior landscaping, and landscape architecture need to publicize their value to their state today. Too often the Green Industries are inappropriately linked to consumer gardening. The distinction needs to be clear to state representatives. We are talking about in-state jobs, not hobbies. **WTT**

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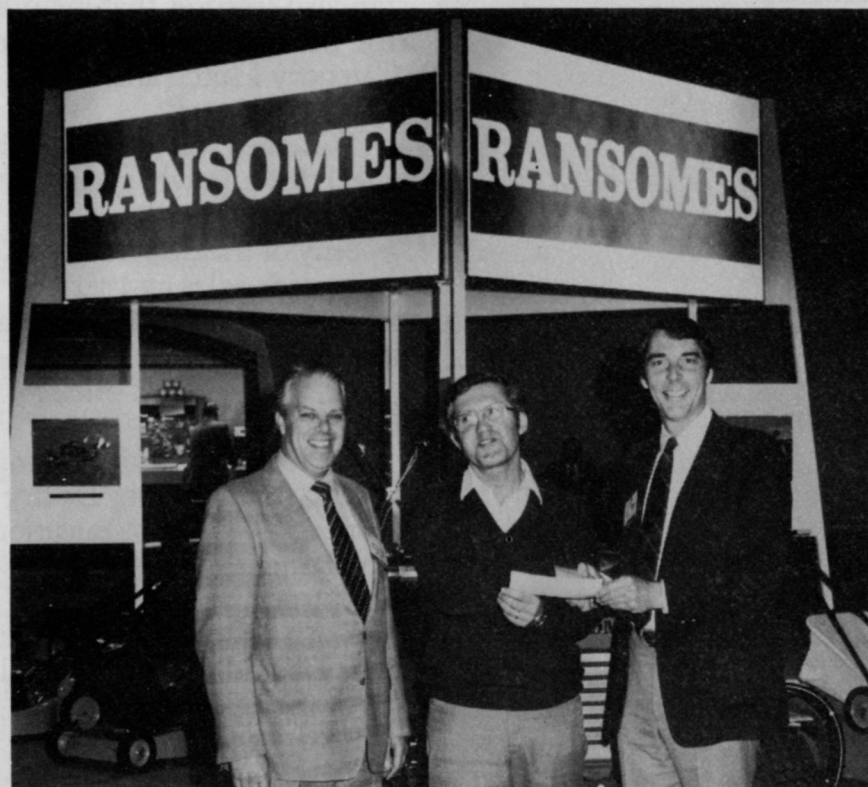
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GREEN INDUSTRY NEWS



\$1000 is handed to Keith Scott (center), superintendent at Oak Ridge Country Club, Hopkins, MN, by **WTT Sales Manager Jim Brooks**. Scott was the top prize winner in **WTT's "Long Green Sweepstakes"** at the Golf Course Superintendents Association of America Convention in New Orleans. Looking on is **Ransomes' John Wilson**, grass machinery sales manager, at whose booth Scott registered for the sweepstakes.



The \$500 prize went to Gary Stafford, GCS at Cardinal Golf Club, Greensboro, NC. Stafford signed up at the Stauffer booth.



The \$250 prize went to Paul Latshaw, GCS at Oakmont Country Club, Oakmont, PA. Latshaw registered at Safe-T-Lawn booth.

ASSOCIATION

California green industry assembling educational coalition

In a recent meeting, selected members of the California green industry discussed the possibility of arranging general meetings of industry members on a large scale. The proposed sessions would give industry members a periodic chance to share and disperse information.

At the preliminary meeting in Sacramento, participants from the California Association of Nurserymen, California Landscape Contractors and the Department of Parks and Recreation recommended that the attending groups be made up of individuals who are representative of an entire segment of the industry rather than smaller, or local, groups. The conferences would also be limited to participants within the state.

Tentative plans called for the participating groups to submit a written report of their activities prior to the meetings and then follow it up with a presentation. The meeting would also serve as a forum for the exchange of publication lists and educational program information.

FERTILIZER

Milorganite cadmium warning eased

The Milwaukee Metropolitan Sewerage District soon may weaken its warning against using Milorganite fertilizer on gardens. The amount of cadmium in Milorganite, which led to the warning, has been cut in half.

Since 1926, the waste water treatment plant has made Milorganite from sewage that has been treated and dried. In 1978, the district placed this warning in a prominent position on Milorganite bag advertisements.

The cadmium level in Milorganite, previously linked to kidney damage, has fallen because the district is requiring industrial plants to treat

Continues on page 12

PENNEAGLE Creeping Bentgrass



The grass that re-greened Butler National

A devastating grass disease virtually destroyed the greens at Butler National Golf Club, Oak Brook, Illinois, home of the *Western Open*, shortly before the 1980 tournament. The Butler Board of Directors decided to replace the grass on all greens and after viewing several varieties of bentgrass in the Chicago area, they selected Penneagle Creeping Bentgrass for the restoration program.

Dr. Joseph M. Duich, professor of Turf Science, Penn State University, and

For name of your nearest dealer, call:

Tee-2-Green Corp.

P.O. Box 250

Hubbard, Oregon 97032

Toll Free: 1-800-547-0255

TWX: 510-590-0957

developer of Penneagle bent was called in as a consultant. Working closely with Oscar Miles, Course Superintendent, the re-seeding of Butler National was begun in mid-August 1980. Before the project was completed, the entire



PENNEAGLE
CREEPING BENTGRASS

course was seeded to Penneagle Bentgrass.

By November the course was pronounced in excellent condition and by the 1981 *Western Open* the course drew raves from players and spectators alike.

The TEE-2-GREEN CORP., marketers of Penneagle and Penncross bentgrass has published a booklet complete with photos of the Butler restoration program. The step by step program at Butler is available free of charge.

Ten minute slide presentation available on loan. Call or write:

Tee-2-Green Corp.

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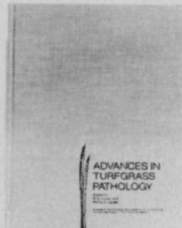
1349 Capitol St. N.E.

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Bookstore

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Leading U.S. turf pathologists report on turfgrass diseases, pythium blight, snow molds, fairy rings, leaf spot of Kentucky Bluegrass in Minnesota, initial and field fungicide screening, turfgrass disease resistance, etc. Contains new ideas on how to combat turfgrass problems. **\$27.95 hardcover, \$18.95 paperback**

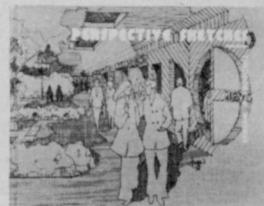


110, 120-TURF MANAGER'S HANDBOOK by Drs. William Daniel and Ray Freeborg
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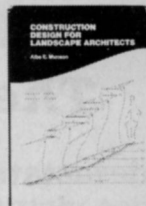


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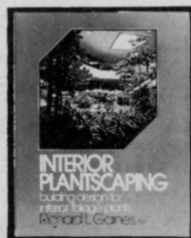


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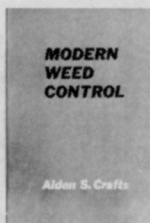
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Practical guide to landscaping a home or office to reduce space heating needs by as much as 30 percent annually. Contains specific planning strategies for the four main climatic zones of the continental United States. **\$9.95 paperback**



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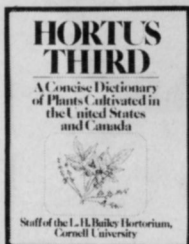


545-MODERN WEED CONTROL by Alden S. Crafts
Deals exhaustively with the botany, chemistry, plant physiology and ecology involved in modern weed control technology. Contains lists and classifications of herbicides and an abundance of illustrative material that will help the reader visualize the varied aspects and forms of weed control. **\$19.50**

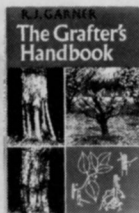
565-WEEDS by Walter C. Muenscher
Second edition. Premier text for identification and basic natural history for weeds found in the continental United States and Canada. Ecological data on weed biology combined with excellent keys and plant descriptions makes this an essential reference book. **\$32.50**



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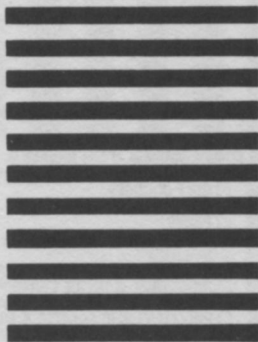
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