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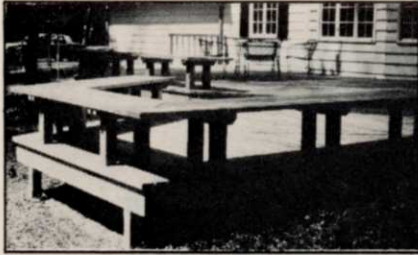
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Ad No. 1906



Students compete at ALCA Student Field Day in Stillwater, OK, in March. Oklahoma State University hosted competitors from ten schools with landscape contracting programs.

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Deck construction for extra profits . . . page 24

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Kentucky Bluegrass Seed May Exceed Demand

Annual survey of seed producers prior to harvest indicates potential oversupply of Kentucky bluegrass and spot shortages of fescues and ryegrasses.

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Clematis: Climbing To Brighten Landscapes

Doug Chapman looks into the differences among varieties of Clematis for professional landscapes. This perennial standout fits in low maintenance landscapes.



The forest is Alex Shigo's laboratory . . . page 28

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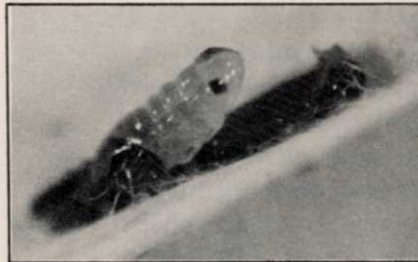
Deck Construction Strong Despite Economy

Landscape contractors show that all is not lost by a falloff in new construction. Decks are elements of the landscape logically provided by contractors.

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Aquatrols Earns a Role In Water Short World

The 20th Anniversary celebration continues with the story of Aquatrols, a supplier of wetting agents to the landscape industry.



Greenbug aphid survives Ohio winter . . . page 36

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Tree Defenses Studied By Forest Service' Shigo

Dr. Alex Shigo, the man who brought you the theory of tree compartmentalization has found evidence that energy reserves in elms may be related to tree health.

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Greenbug Aphid Eggs Hatch After Ohio Winter

Dr. Harry Niemczyk confirms theory that this new turf pest overwinters instead of migrates. Natural selection pits the aphid against the contractor.

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CIBA-GEIGY



WT&T

OUTLOOK

By Bruce F. Shank, Executive Editor

Lean, mean advisory machine

Effective April 1, 1982, five well-known figures in the landscape industry will review magazine plans and content for usefulness. We want you to know we check material before publishing it so that you can trust it and use it. We are, after all, drawing from a tremendous variety of sources to provide a comprehensive landscape publication. The board, representing segments of the industry, will steer us in the right direction and keep us on course.

The first board member is **Euel Coats**, Mississippi State University's weed scientist and, until recently, executive director of the Southern Turfgrass Association. He has served on the GCSAA Educational Advisory Board, the teaching staff of the PGA Business School, and MSU's Turfgrass Short Course as director. He also does irrigation installation on the side.

West Coasters know **Kent Kurtz**, professor of ornamental horticulture at Cal Poly, Pomona. A specialist in sportsturf, Kent is a transplanted Southern Illinois University graduate with a Ph.D. in horticulture from the University of Arizona. Kurtz has consulted for O.M. Scott & Sons and many major league baseball clubs who practice or are based on the West Coast. He has presented speeches at the GCSAA Show, the International Turf Society Meeting in Canada, and the National Institute on Park and Grounds Management.

Doug Chapman, horticulturist of Dow Gardens, Midland, MI, represents north and north central U.S. A graduate of the University of Massachusetts, Ohio State University, and Michigan State, Doug has intimate knowledge of the region's plant material. Prior to Dow Gardens, Doug was an extension specialist in the Flint, MI, area for more than seven years. He is a member of the International Society of Arboriculture, the American Horticultural Society, the American Society of Horticultural Sciences, the International Plant Propagators of America, and the American Association of Botanical Gardens and Arboreta. His extension background gives him that holistic approach to landscape problem solving.

Roger Funk, author of the Vegetation Management column each month and vice president of research and development for Davey Tree Expert Co., Kent, OH, is also a problem solver by nature. Funk has a doctorate from West Virginia University. There is little he hasn't had to solve for both Davey Tree and Davey Lawnscape in his eight years there. He holds the patent to Arbor Green, a slow-release organic fertilizer, and a no-drift spray nozzle.

Finally, when you think of applied entomology in the U.S., you have to think of **Harry Niemczyk**, professor of entomology for Ohio State University at its research and development center in Wooster. Niemczyk recently published the only book devoted entirely to turf insects and their control. Harry received his Ph.D. from Michigan State University and is very active with the American Entomological Society, the American Society of Agronomy, and the Ohio Turfgrass Foundation.

Lean and mean. A small board of hard workers who are deeply involved in the landscape market. This group of professionals will work for you through the magazine. Please write to them at our New York office with any of your suggestions or questions. They are ready to put their expertise to use in the pages of *Weeds Trees & Turf*. **WTT**



Coats



Chapman



Kurtz



Niemczyk



Funk

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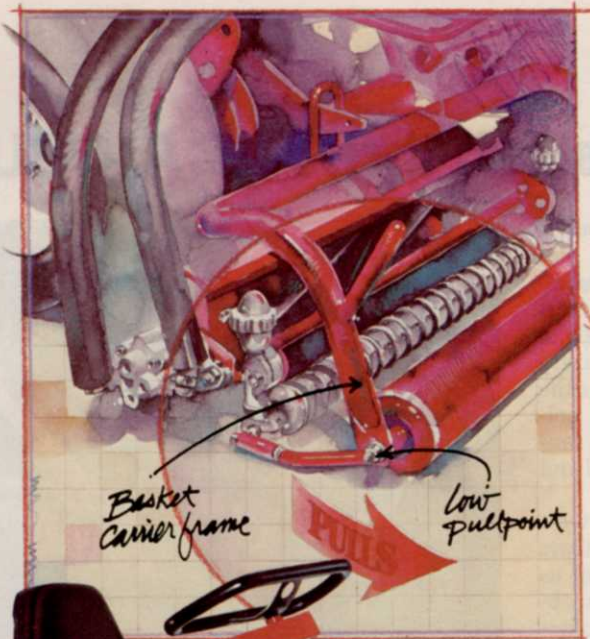
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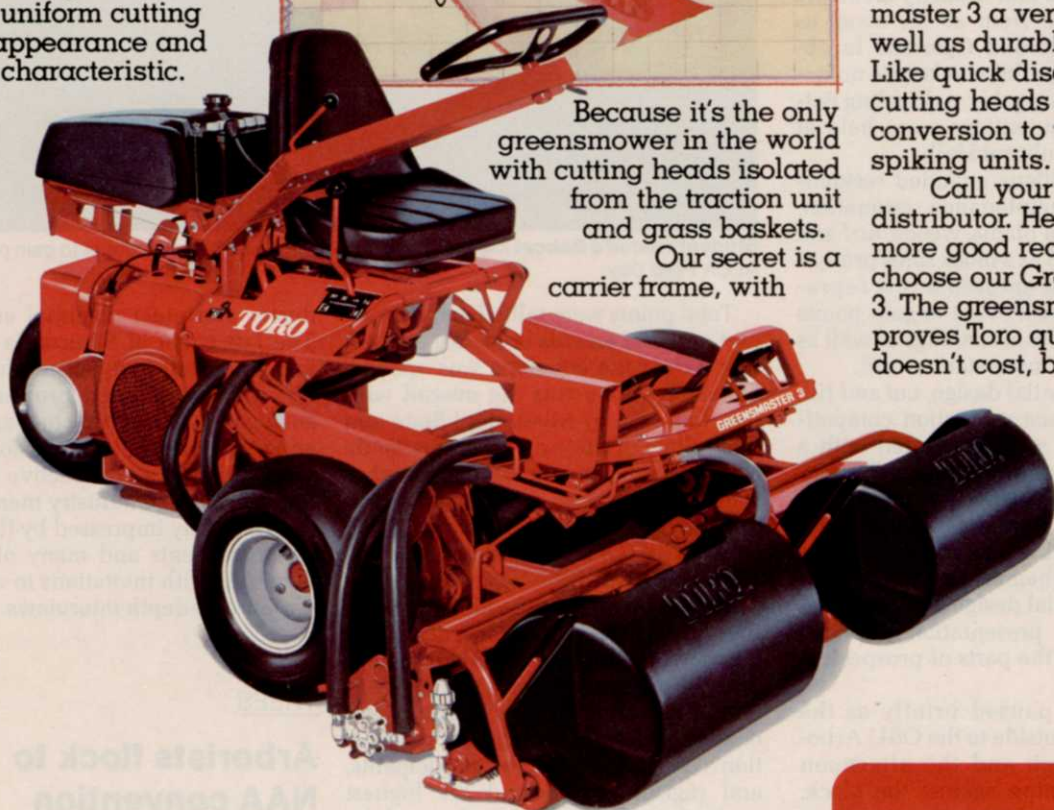
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JUNE 1982/WEEDES TREES & TURF 7

GREEN INDUSTRY NEWS

LANDSCAPE

Contractors slosh thru ALCA/OSU Field Days

Student and professional landscape contractors grappled with design and maintenance problems at the Associated Landscape Contractors of America Annual Field Days held recently at Oklahoma State University. Industry members had three days to observe the students from nine participating colleges as they competed in contests ranging from residential design to ball and burlap.

ALCA President Ray Gustin welcomed students and industry members who had come from as far away as Michigan, Ohio and Colorado to observe and judge the weekend's activities. The following day, a drizzling Saturday, the competitions were held at the OSU Agricultural Hall.

The competitions included residential design, maintenance estimation, identification of plants, weeds, turf and diseases as well as a mock sales presentation. Schools entered a few representatives in each event to gain points for the overall team rankings as well as the individual "superstar" award.

In the residential design, cut and fill, and maintenance estimation competitions, students were presented with a problem and the information necessary to design a solution in a one or two hour period. Their teammates, in another room, were taking a few short minutes to familiarize themselves with a completed residential design and then prepare a sales presentation for two judges playing the parts of prospective customers.

The action paused briefly as the group moved outside to the OSU Arboretum for lunch and the afternoon events. Competing against the clock, students had to deal with a constant rain and deepening mud as they completed the Bobcat obstacle course, irrigation assembly, ball and burlap, and two-man saw contests. Other groups spent the time competing in brick-on-sand, and small engine repair competitions.



Students raced a Bobcat loaded with sand through an obstacle course to gain points at the ALCA Field Day.

Total points were tallied and kept secret until the awards breakfast on Sunday. When the envelope was opened, Oklahoma State was the overall winner, followed by Mississippi State and Ohio State. Two-year programs made an excellent showing against the other four-year colleges, coming in fourth and fifth in the total points. Bob Buswell of Oklahoma state won the Superstar Award.

The weekend ran smoothly thanks to the efforts of ALCA secretary Irv Dickson and the help of OSU professor Jerry Walkup and the OSU student ALCA chapter. ALCA financed the chapter primarily through the registration contributions of the participants, and registration showed the highest professional participation of any of the past six annual events. Over 40 members of various firms had taken time out of their busy season come to the Field Day.

All seemed to believe that it was time well spent. Many of the students had an opportunity to learn more about the in-

dustry and meet potential employers. The last event of Saturday's schedule was a cocktail party to provide a catalyst for students and professionals to get together. According to many graduating seniors and professionals, the weekend was as productive as it was fun. Most of the industry members left the Field Day impressed by the quality of the students and many of the students left with invitations to visit firms for more in-depth interviews.

TREES

Arborists flock to NAA convention

The National Arborist Association had a record attendance at its 1982 Annual Meeting in Hawaii. Over 290 people travelled to the Maui Surf Hotel to participate in the four-day meeting. The board of directors and members cov-

Continues on page 12

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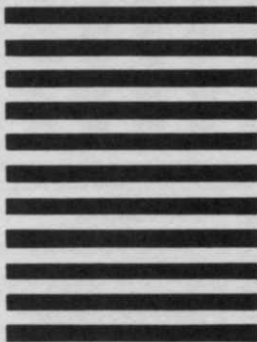
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