

CONGRATULATIONS



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Teri J. Hand



Pennsylvania State University
Marlin L. Wian



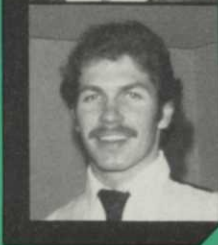
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1980-81

TUCO-TURF

SCHOLARSHIP RECIPIENTS

These scholarship winners reflect TUCO's commitment to the turf industry. Committed not only to product development and research, we also share the industry's professional goals. TUCO has awarded these scholarships since 1974. We're dedicated to meeting the industry's present and future needs.



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J. Kyle Miller

Ohio State University
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Purdue University
Dodd E. Drabing
Michael W. Oatis

California State Polytechnic Institute
Raymond S. Layland, Jr.

Cooperating Universities *New for 80-81



The Ohio State University *



Past Winners

Michigan State University:

1974-75 John L. Kirtland
1975-76 Wayne Ertel
1976-77 William J. Kottenko
1976-77 Steven E. Ross
1976-77 Jerome Ducker
1977-78 Dale F. Conzelmann
1978-79 Stephen S. Brown
1978-79 Alan Nielsen
1979-80 Jeffrey A. Crean
1978-79 Dennis B. Myers

Virginia Polytechnic Institute:

1975-76 Myron J. Schowalter
1976-77 Brook Parker
1977-78 Dean Kent Mosdell
1978-79 Stephen C. Hyde
1978-79 James P. Mower
1979-80 J. Kyle Miller

California State Polytechnic Institute:

1974-75 Steve Jessup
1974-75 Philip J. Wycoff
1975-76 Mark A. Hodnick
1975-76 Donald Johnson
1976-77 Guillermo Lozano
1976-77 Dennis Orsborn
1977-78 Brian W. Morris
1978-79 Roderic A. Graf
1978-79 Richard M. Ray
1979-80 Duncan Campbell Turner

Pennsylvania State University:

1974-75 Charles T. Ravis
1975-76 Robin W. Smith
1976-77 Michael J. Stanovcak
1977-78 David S. Zimmerman
1978-79 Bradley P. Balschmitter
1979-80 Michael J. Sauls

Purdue University:

1975-76 Regaland Cornett
1975-76 Mark Liddy
1976-77 Kenneth DeBusscher
1976-77 Matthew Lindner
1977-78 Donald A. Cross
1977-78 Mark H. Thielen
1978-79 Mark D. Kaser
1978-79 James D. Mello
1979-80 Stephen P. Biggers
1979-80 David T. Shifley

University of Florida:

1978-79 James K. Lestrud
1979-80 Glenn R. Zalman

University of Massachusetts:

1974-75 Mark Spaulding
1974-75 David J. Sylvester
1975-76 Michael J. O'Connor
1976-77 Richard Duggan
1976-77 William Flore
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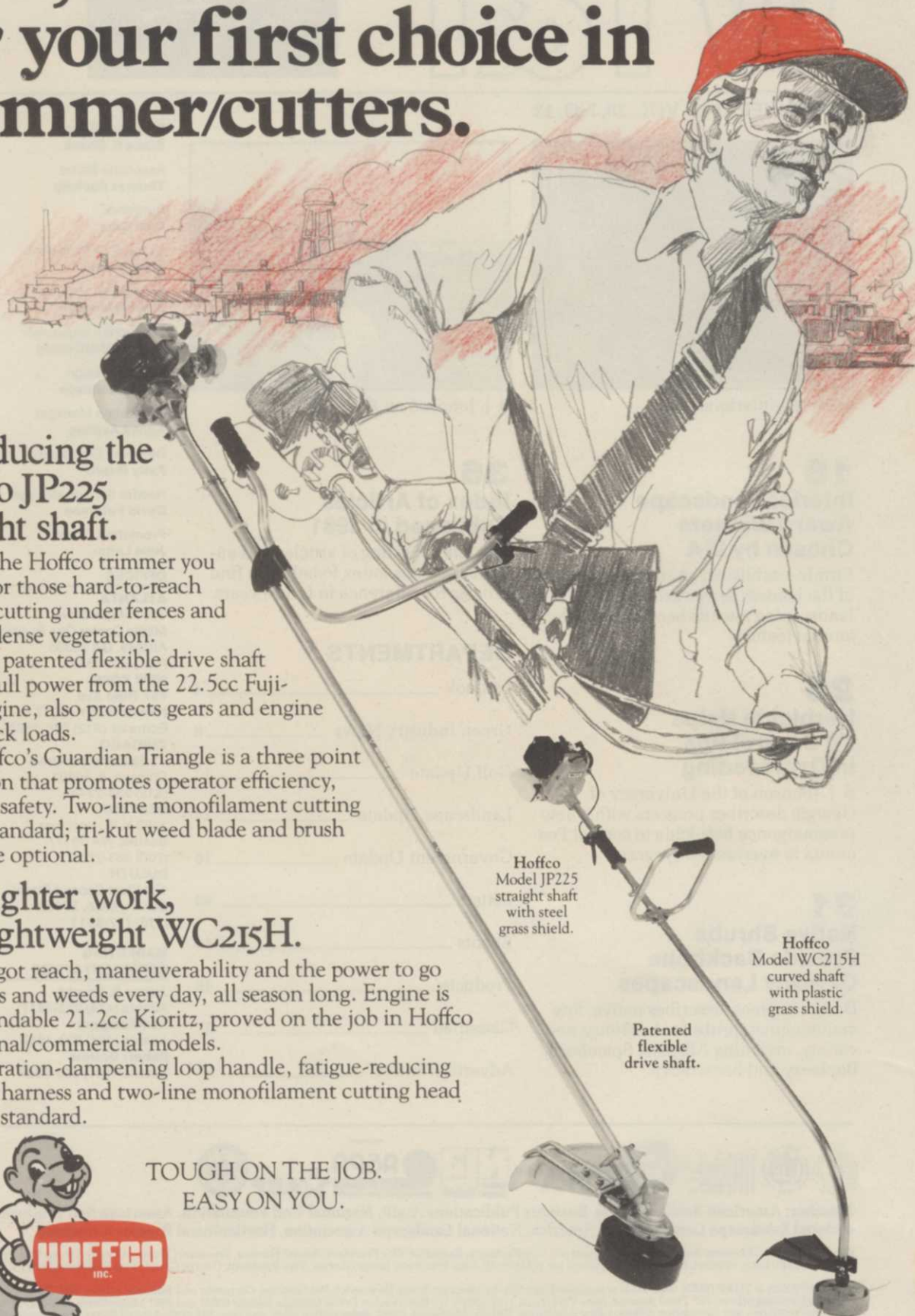
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Patented flexible drive shaft.





DECEMBER 1981/VOL. 20, NO. 12



Isadora's interiorscape



B. J. Johnson on Progress

18 Interior Landscape Award Winners Chosen by IPA

Firmly established as an important part of the landscape market, interior landscaping awards become a regular annual feature.

26 Herbicide Helps To Control Poa In Overseeding

B. J. Johnson of the University of Georgia describes progress with a new preemergence herbicide to control *Poa annua* in overseeded ryegrass.

31 Native Shrubs Provide Backbone Of Many Landscapes

Doug Chapman describes native, low maintenance shrubs for hardiness and variety, including Allspice, Spicebush, Bayberry and Snowberry.

36 Index of Articles Published in 1981

The annual listing of articles and authors. Use this index to help you find articles for reference in future years.

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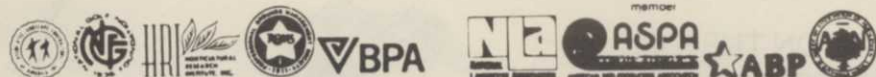
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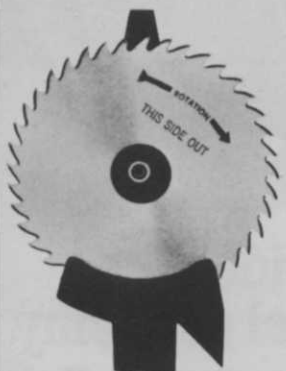
OUTLOOK

By Bruce F. Shank, Executive Editor

DON'T CUT OUT QUALITY.

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Quality, by our standard, is something which goes a lot further than making tools. To Stanley, it means: a full line of tree trimmers for every job; the best warranty in the business; complete parts backup; and distributors to help you anywhere in the country. It's also the efficiency, safety and dependability of hydraulic power. We don't trim on anything so that you're able to do your trimming faster. Stanley Hydraulic Tools: 3810 S.E. Naef Road, Milwaukie, Oregon 97222. Phone (503) 659-5660. Telex 360771. Write or call.



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Residential construction is a moving target

Many facets of the Green Industry depend upon the residential construction market. Tight money is causing an acceleration of changes in this business sector. The landscape industry must accelerate its changes to keep up.

Residential construction starts are down severely while apartment conversions are way up. Condo or coop living is gaining acceptance. The young, home-owning family is disappearing in the suburbs as is construction of small, single family homes. The big homes are being built at a conservative pace.

First time home buyers are getting older and are in higher income brackets. Nevertheless, due to high mortgage payments, they have no more disposable income than younger couples of five years ago.

Many families are asking if a single family residence is worth the money and effort to maintain. They have a better selection of condominiums to choose from, where they can avoid yard care worries.

Of course, the harder you work for something, the better you take care of it. Those that struggle and succeed in breaking the new home barrier are more careful and more interested in their property. They won't jeopardize the value of their home with a cheap landscape.

For this reason, the willingness of a homeowner to call a professional landscaper is greater. They want the job done properly. If they don't enjoy the landscape, it is at least insurance for property values.

Contractors should realize their residential customer is older, wiser, and probably more concerned about the landscape. They want to know more than the garden center can provide. They know good things are more expensive.

The landscape nurserymen, the original landscape contractor, no longer has the time to assist a customer design his landscape and select the proper plant material. The large garden center has let service slip to keep up with the volume demand of mass merchandising. Too often, there is only one knowledgeable person to answer the questions of tens of customers. That is insufficient to answer the questions of new homeowners who want to make sure they are not buying a mistake.

Garden centers must make a better effort to educate by wall displays, brochures, and knowledgeable sales people. If they do not, the homeowner will pay the landscape contractor to do the job correctly.

The landscape contractor must also allow time to answer customer questions. Work with homeowners who must phase landscaping. Stress that plant varieties commonly found in mass merchandising establishments have weaknesses not found in improved varieties. Excite them with your designs and earn their dependence with quality installation.

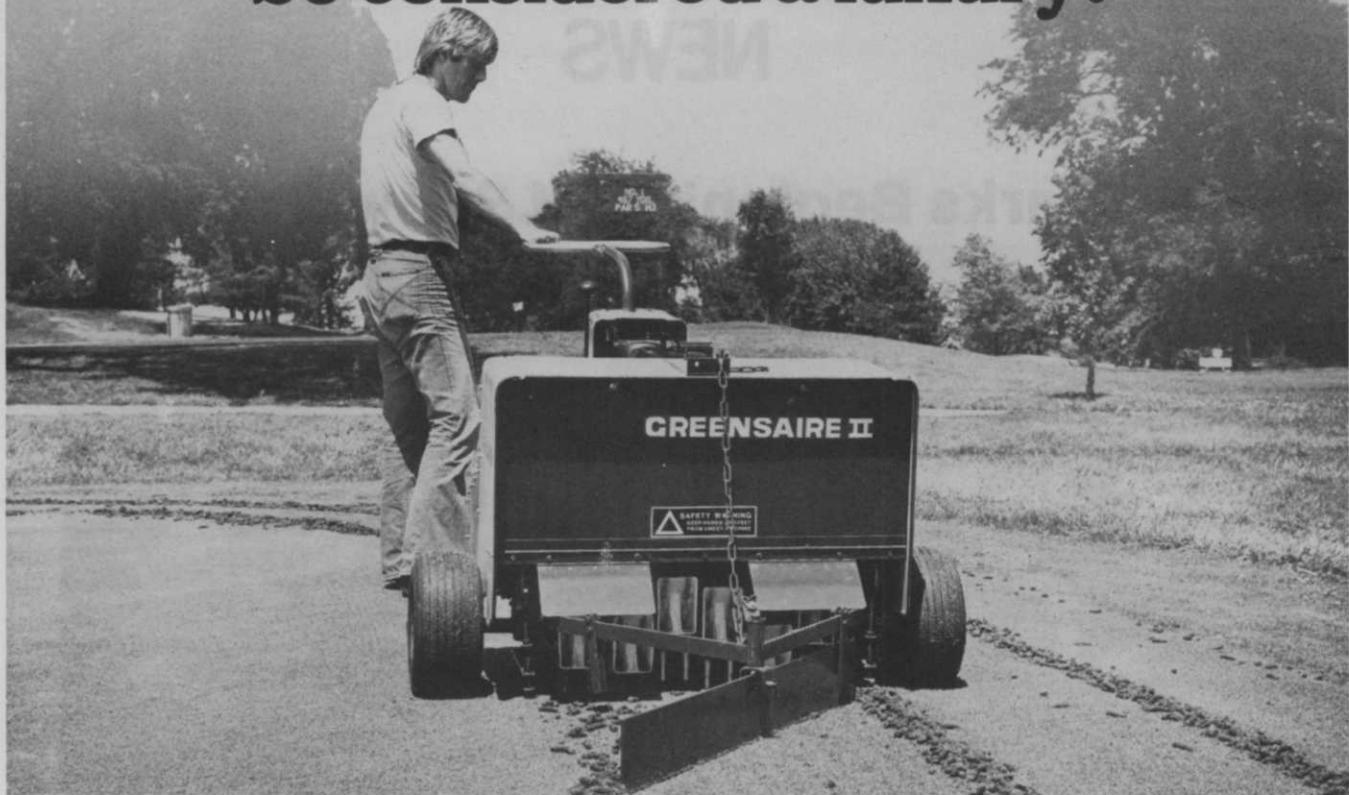
Part of the success of the lawn care market is the professionalism of its marketing material. Simple doorhangers don't work anymore. It takes colorful, educational, and impressive literature to get the attention of today's homeowner. They require more of your time to explain things. Price ironically is less a factor than quality. They need to see that the landscaper knows horticulture and design.

The residential property owner is changing. It's time to change our methods of reaching him or her.

This winter is a critical time to evaluate your promotional literature for residential sales. Get professional advise yourself from a small, local advertising agency. If you are near a college with an advertising program, approach instructors. Printers can help for small jobs and may have a graphic artist.

Experts are now setting mid-82 for recovery of housing and real estate. If this works out, demand will be extremely high next summer and fall. Some predict a boom in housing of unprecedented proportions. Don't sell construction equipment yet. You are going to need it before the end of 82. **WTT**

Should an aerator that produces greens like this be considered a luxury?



Aerating the delicate turf of a green is not like any other aerating job. It requires deeper penetration. More soil removed. And no torn turf.

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GREEN INDUSTRY NEWS

Winter Marks Beginning of Show Season



Rutgers Field Day had both good weather and attendance in October.

As the cool weather began to roll into the various parts of the United States, three well-attended turf shows in such diverse areas as New Jersey, California and Florida marked the beginning of show season.

More than 600 turf managers attended the **New Jersey Turfgrass Field Day** at Rutgers Stadium in October. **Dr. Henry Indyk** led demonstrations of athletic field care and renovation while distributors displayed their equipment on the nearby golf course.

Seed, chemical and equipment distributors were able to show their wares, describe them, and clear up confusion as to shortages for the coming year. Equipment distributors showed their new models for 1982. Show attendants were able to try out all models for themselves if they chose.

There was considerable discussion of shortages of Dacthal and possible substitutes, especially in fertilizer mixtures. Seed and chemical company technical representatives were there to

explain management techniques and product performance.

The field day precedes the New Jersey Turf Expo in Cherry Hill by two months, so those who were introduced to products at the field day can get final answers at the Expo on December 7-10. It is a system that New Jersey turf managers appear to like and support.

California

"Well planned, superbly conducted; informative and fulfilling" were some of the comments of the 185 industry personnel who attended the **University of California Turfgrass Field Day** at the South Coast Field Station, Santa Ana, CA.

Highlighting the latest research information were farm advisors John Van Dam and Mike Henry, turfgrass specialist Dr. Victor Gibeault, plant

Continues on page 12



John Van Dam (second from left) discusses cool season cultivars with industry leaders at the University of California Turfgrass Field, South Coast Field Station, Santa Ana, CA.

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

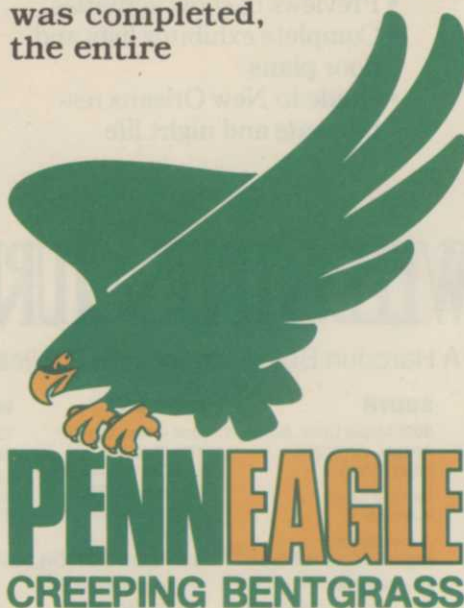
course was seeded to Penneagle Bentgrass.

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.

For your copy write:

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from Weeds, Trees & Turf (incorporating Golf Business)

ONE OF A KIND

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2 BIG TABLOID-SIZE ISSUES

These exclusive show papers are tabloid-size for maximum impact. They will be published Monday morning—to give you initial first-day exposure—and Wednesday morning—to give you follow-up reinforcement for your product message.

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International Turfgrass Show Dailies will be distributed door to door at major show hotels to give you early morning visibility while your prospects and customers are planning their convention day. Thousands more copies will be distributed on the convention floor to give you further at-the-show impact.

VITAL EDITORIAL

Both issues will be packed with new products, industry trends and information convention-goers need, including

- Reports on conference events
- Previews of show activities
- Complete exhibitor lists and floor plans
- Guide to New Orleans restaurants and night life

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- A photo of your key personnel
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- Your name in boldface type in the exhibitor lists

Along with your ad, these extras make the Show Dailies a sound advertising investment.

SPECIAL RATES

If your advertising schedule includes the January issue of Weeds, Trees & Turf, you qualify for special reduced rates in the International Turfgrass Show Dailies. For further information—and to reserve your space—call Dick Gore, Jim Brooks or Ron Kempner at (404) 233-1817. Or call Bob Mierow at (206) 363-2864.

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C. SUPPLIERS:

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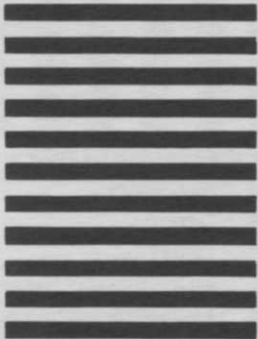
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