# PENNCROSS CREEPING BENTGRASS COMMON

CREEPING BENTGRASS

are available from most

# TORO PENNEAGU

**DISTRIBUTORS** 



PENNCROSS BENTGRASS

TEE2GREEN ORP.



12306 WEST 102nd STREET LENEXA, KANSAS 66215

#### TEE-2-GREEN CORP.

worldwide marketers of Penncross and Penneagle Creeping Bentgrass has made these two fine grasses available through most **TORO** Distributors and other fine seed companies.

Call him for immediate delivery or phone TEE-2-GREEN

Corporation for

your nearest Distributor.

913-492-1587



# **CONTENTS**

NOVEMBER 1979/VOL. 18, NO. 11

Bruce	F.	Shank
F	lite	or

John Kerr Assistant Editor

Ron Morris
Golf Editor

Robert Earley Lawn Care Editor

Scott Scredon Reclamation Editor

#### Business

Richard J.W. Foster Publishing Director

Richard Gore National Sales Manager

David J. Slaybaugh Executive Editor

Clarence Arnold Research Manager

Chris Simko Advertising Production

#### **Corporate Officers**

James Milholland Jr.
Chairman

Hugh Chronister
President

Bernie Krzys Sr. Vice President

Dayton Matlick

Sr. Vice President
Charles Quindlen
Vice President



Copyright 1979 by the Harvest Publishing Co., a subsidiary of Harcourt Brace Jovanovich, Inc. All rights reserved. No part of this publication may be transmitted or reproduced

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. Address: 9800 Detroit Ave., Cleveland, Ohio 44102.

Detroit Ave., Cleveland, Ohio 44102. Single copy price \$1.25 for current and back issues. Foreign \$1.50. Subscription in the U.S. and Canada are \$12.00 per year. \$15.00 in other countries. Foriegn air mail optional at an additional \$24 per year. Controlled circulation postage paid at Cleveland, Ohio 44101. Postmaster: send form 3569.

Member; American Business Press, Business Publications Audit, National Golf Foundation, American Sod Producers Association, Associated Landscape Contractors of America, National Landscape Association, Horticultural Research Institute.

Viewpoint	4
Landscape Contractor News	8
Government News	12

#### **GREEN INDUSTRY NEWS**

PGMS Certification Revealed at Meeting in Baltimore ... GCSAA Sets Seminars to Precede Ohio Turf Conference ... ALCA Meeting Topics Announced ... Tailgate Safety Program Announced by NAA 6

#### **FEATURES**

#### **Protecting Fall Plantings From Winter Damage**

Extension Specialist Maria Cinque explains the extra care needed to insure survival of newly planted material through the winter.

#### Municipal Managers Learn to Compete for Funds

Municipal managers from across the United States explain budget problems and how they deal with them.

#### Tests Indicate Persistence of Vegetation on Toxic Spoil

Dr. Paul Sutton, reclamation soil scientist, describes results from long term tests on toxic mine spoil in Ohio. Keys to success included.

Vegetation Management	
Cost sub-tree (800)	30
CT-1911 CONDUCT	45
8 hur RBJITS	47
	old damo of write for the sea mane of Call tabletes (\$00) of rear seasor Canada Call Left to bloom

**Cover:** Evergreens tied to prevent damage from snow. Photo by Maria Cinque.















Replace mower deck with snow-time attachments and work your EXCEL HUSTLER tractor all year.

Take one EXCEL HUSTLER tractor, model 275, 285, 295 or 402. Trade its mowing deck for Snow Thrower, Dozer Blade, or Rotary Broom, then send it back on the grounds to work all winter.

Add comfort options (enclose, heat ROPS cab) and operator can work in miserable weather! Add headlights for nighttime operation.

- Snow Throwers, 54" for 275/285/295; 60" for 402, all with adjustable spouts.
- Dozer Blades, 60" & 72", lift and lower by hydraulics.
   Optional kit lets operator adjust angle from inside cab.
- Rotary Brooms, 60" & 72".
   Fixed angle or hydraulic angling, depending on your needs.

Watch for field demo or write for free literature and name of Distributor. Call toll-free (800) 835-3260; in Kansas or Canada call (316) 327-4911 collect. EXCEL HUSTLER turf & groundskeeping equipment is built right by Excel Industries, Inc., Box 727, Hesston, Kansas 67062. For GSA: GS-07S-03665

For HUD: OAH(CO)m 2635





## **VIEWPOINT**

by Bruce F. Shank, Editor

# Smaller associations could use economies of a central service

This past month I spent days with leaders of both the National Arborist Association and the Professional Grounds Management Society. It is now clear to me that smaller associations may have fewer members and smaller treasuries, but their reason for being is as important as larger industry associations. Their significance is too often overshadowed by the larger groups with fulltime professional staffs and sophisticated publications. As a result, association leaders who volunteer their time and energy occasionally feel less important than leaders in big associations.

Do we really need all these smaller, individual market associations? Can all Green Industries be organized and represented by the American Association of Nurserymen?

The answer to these questions may be found in the creation of our newest industry association, The Professional Lawn Care Association of America

The lawn care businessmen who formed this group obviously felt their needs were not being met by existing associations. Furthermore, they needed a unified voice just in their industry to deal with fly-bynight operators who frequent all Green Industries, especially those in a rapid growth position.

In the first three months of existence, PLCAA created a code of ethics, circulated it to industry and consumer media, and reacted to one unsubstantiated charge from a regional sod producers association. They have promptly moved to guard their reputation as ethical businessmen and to show that their service is as vital to the Green Industry as any other.

Therefore, it is clear the existence of PLCAA is justified, as is the existence of other associations created to meet the needs of specific market segments.

At the same time we need to take care of the industry overall and to make association membership reasonably affordable.

Directors of landscape, arborist, and nursery associations meet periodically as a council. All national industry associations should take part in this council.

Perhaps one of the problems this council should discuss is the problem of paying for numerous association memberships. Due to rising costs, both the member and the association are financially pressed for funds. Individual membership associations are feeling the pinch the

There is a need for specific market associations and an overall organizational body.

The subject of associations and membership needs vast attention. There are many aspects to explore, such as interassociation cooperation, representation in governmental affairs, and joint sponsorship of industry research and development.

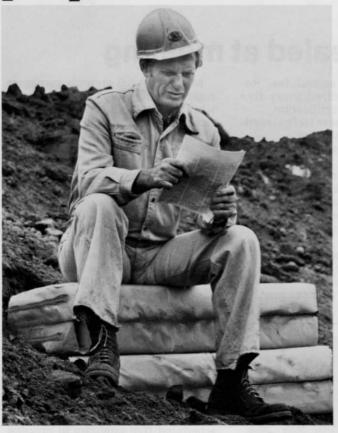
As there is a need for the specific market association, there is need for an overall organizational body. This organizational hub could economically provide association needs such as printing, billing, and technical data. There are many things it could do to organize, support, and direct the flow of industry resources for the benefit of all markets.

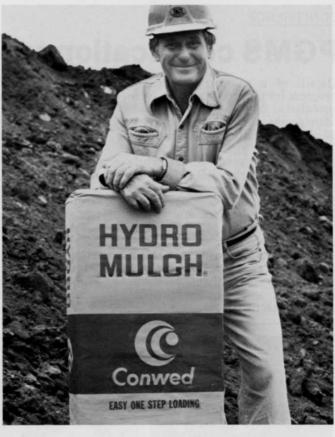
Perhaps this is dreaming, impossible, or simply naive. Perhaps we are all too wrapped up in our own worlds to cooperate and rock the boat. But it makes sense and it could happen if the interest is there.

The central body already exists in the American Association of Nurserymen and allied agencies. If AAN is willing and the other Green Industry Associations are willing, it's worth a shot.

# about

# Unsure about be sure. Use Conwed Hydro Mulch paper mulch? wood fibers.







After you've spent so much money on the best seed and fertilizer, it only makes sense to finish the job right. Don't use a cheaper paper mulch. Rely on the best. Use

Conwed Hydro Mulch wood fibers.

Fifteen years of experience back up every package of wood fibers you buy. So, you're assured of top quality-consistently. This quality means top performance-in the machine and on the ground.

In your machine, the wood fibers consistently load fast and mix uniformly. So there's less chance of clogging. And that means less down time.

On the ground, Conwed wood fibers

encourage seed germination by reducing soil moisture evaporation and temperature fluctuations. Plus the interlocking wood fibers resist wind and water erosion to firmly hold seed and fertilizer in place.

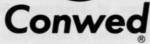
You'll get better ground coverage per acre, too. Conwed Hydro Mulch wood fibers are selectively manufactured to give uniform dispersion and

even ground coverage.

These fibers are not reprocessed; they're natural wood fibers manufactured specifically for hydraulic mulching.

Experience, machine performance and on-theground performance. Hydro Mulch wood fibers by Conwed.

For more information, write: Conwed Corporation, Fibers Division, 332 Minnesota Street, PO Box 43237, St. Paul, MN 55164. Or call: (612) 221-1190.



innovative products for better environments

# GREEN INDUSTRY NEWS

CONFERENCE

### **PGMS** certification revealed at meeting

Details of a national certification program for grounds managers were revealed at the 67th Annual Grounds Management Conference and Trade Show at the Baltimore Hilton Hotel Oct. 21-23.

The Professional Grounds Management Society has devised the program to set minimum standards of competence, to recognize qualified grounds managers, and to protect employers and customers from unqualified grounds managers.

The program requires certain educational and experience levels, provides a manual of essential knowledge, and requires periodic testing. Each phase carries a charge in addition to an annual fee. Reexamination is required every five years to maintain certification.

PGMS hopes to have its first certified members in one year.

Areas to be covered in manuals and testing are:

- -principles of grounds management
- -design/management relationship
- -equipment management
- personnel management
   materials and supplies management
- -financial management
- -energy and water conservation
- -environmental issues
- technical aspects of managing plants

More than 125 grounds managers registered for the three-day event which included educational sessions, business meetings, and tours of Maryland landscapes.

Money management, an update on tree research by Shigo and Shortle, and low maintenance plants were popular topics.

Persons interested in the certification program or the next PGMS annual meeting in Kansas City in 1980 should contact Allan Shulder, Professional Grounds Management Society, 19 Hawthorne Ave., Pikesville, MD 21208, 301-653-2742.



**Panel members** at the 1979 Winter Overseeding Round Table in Biloxi, MS, were (left to right): Dr. Earl Barrios, Louisiana State University; Dr. Don Blasingame, Mississippi State University; Dr. Ray Dickens, Auburn University; Dr. Jeff Krans, Mississippi State University; Howard Kaerwer, Northrup King Co.; Dr. Joe Duich, Pennsylvania State University; Dr. Coleman Ward, Auburn University; and Dr. Euel Coats, Mississippi State University.

SEED

# Overseeding experts gather in Mississippi

Thirty turf professionals from Mississippi, Alabama, and Louisiana and Dr. Joe Duich from Pennsylvania State University gathered in Biloxi, MS, to discuss winter overseeding in September. The meeting was sponsored by the Seed Production and Introduction Corp. (SPIC) marketer of Pennfine perennial ryegrass.

Turfgrass experts serving on the panel discussion were: Dr. Jeff Krans, Dr. Euel Coats and Dr. Don Blasingame of Mississippi State University; Dr. Coleman Ward and Dr. Ray Dickens of Auburn Univer-

Continues on page 40

GOLF

# GCSAA sets seminars prior to Ohio show

The Golf Course Superintendents Association of America has scheduled five seminars to precede the Ohio Turfgrass Conference in Cincinnati, OH.

The seminars on such topics as pesticides, personnel management, irrigation, landscape design, and plant nutrition will take place at the Netherland Hilton in Cincinnati, Dec. 2-3.

The fall seminars used to be offered at different locations around the country.

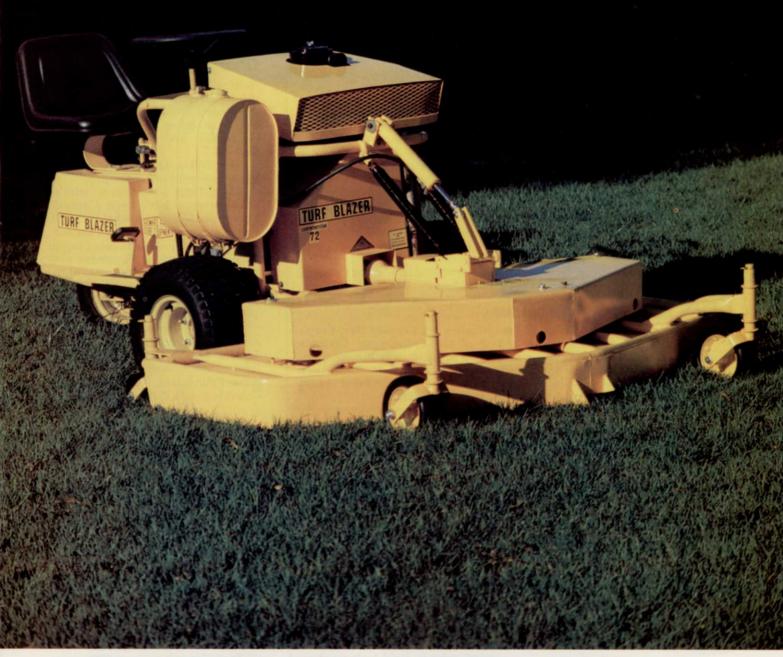
The pesticide seminar will be offered by Dr. Harry Niemczyk of Ohio Agricultural Research and Development Center and Dr. James Reinert of the University of Florida Agricultural Research Center.

William Nelson of the University of Illinois and Dr. Charles Sacamano of the University of Arizona will present the landscape seminar.

Ron Frame, a consultant from Oklahoma City and Golf Business

Continues on page 8

# THE PROVEN PERFORMER



# **TURF BLAZER 72"**

Time tested, field tested, this rugged front mounted 72" mower is built for high capacity mowing, day in and day out, and with our "O" turning radius, you have the trimming capabilities of a small push-mower in congested or confined areas. A commercially constructed hydrostatic transmission enables the operator to establish a

ground speed conducive to his varied mowing conditions.

Other sizes manufactured are 48", 60", 82" and 180" plus a full line of attachments. Are you looking to get the most for your mowing dollar? Call your local Turf Blazer distributor and ask for a demonstration.

Circle 140 on free information card

HOWARD PRICE TURF EQUIPMENT

# Landscape Contractor News:

#### ALCA annual meeting topics announced

Topics for the Associated Landscape Contractors of America annual meeting set for Feb. 3-8 at the Town and Country Hotel in San Diego have been announced. The theme of the meeting is "New Directions for the New Decade."

Specialty workshops for markets of potential for the 1980's include interior landscaping, design/build, new chemicals, erosion control, lawn care, new equipment and irrigation maintenance.

Business communications and creative thinking are special topics with special speakers. The yearly highlights including the Environmental Improvement Awards, trade exhibits by manufacturers, and membership meeting are planned.

On the social side, ALCA has arranged tours to Tijuana and LaJolla, buzz sessions to exchange ideas, and the President's banquet.

A seven-day adventure to Hawaii has been arranged for after the convention. The trip will include the islands of Hawaii, Maui and Kauai.

For information on the show contact Associated Landscape Contractors of America, 1750 Old Meadow Rd., McLean, VA 22102.

#### Link new PGMS president

William H. Link, director of landscaping for Century Dev. Corp., Houston, TX, was elected president of the Professional Grounds Management Society at its recent annual meeting in Baltimore. John Vorst, parks supervisor for Tenafly, NJ, was elected president-elect. Earl Wilson of Maineville, OH, was elected vice-president and Robert Fisher of Mount Vernon, VA was elected treasurer.

Magazine columnist will conduct a seminar on personnel management.

The plant nutrition seminars will be taught by Dr. John Dunn of the University of Missouri, Dr. Ralph Engel of Rutgers, and Dr. Paul Rieke of Michigan State University.

Rain Bird's David Davis and Toro's William Speelaman will conduct the irrigation seminar.

Interested persons should contact GCSAA, Larry Goldsmith, 913-841-2240.

SEED

# Penncross, Penneagle sales limited to Toro

The marketers of Penncross and Penneagle creeping bentgrasses, Tee-2-Green Corp., has elected to sell the seed only through Toro distributors, unless a Toro distributor in an area turns down the chance.

B.H. Melton, president of Tee-2-Green, said the arrangement was made with Toro to lower distribution costs and to make the seed readily available to the consumer.

If a Toro distributor does not choose to participate, the dealership in his area will be offered to a seed handler who calls on golf courses in the area.

The new marketing process will provide Tee-2-Green with better sales information and will enable the company to tailor marketing programs to usage areas.

## New bermudagrass resists winter-kill

A strain of bermudagrass discovered on a fairway in 1972 is showing good winter hardiness, outstanding vigor, and an attractive mediumgreen color in field tests conducted by Virginia Polytechnic Institute.

Called VPI C-1, the bermudagrass forms a tight sod that tends to remain weed free and appears to tolerate traffic well.

Comparison plots are maintained at the Southern Piedmont Research and Continuing Education Center near Blackstone, VA. L.H. Taylor, professor of turfgrass and R.E. Schmidt, associate professor of turfgrass hope the strain can soon be named and made commercially available.

Kidwell Turf Farms in Baskerville, VA, assisted in providing material for the tests.

#### CONFERENCE

# 1,500 expected at Ohio turf program

More than 1,500 turf and grounds specialists are expected to attend this year's Ohio Turfgrass Conference and Show at the Cincinnati Convention and Exposition Center Dec. 4-6.

The 150 booths in the exhibit hall have been sold out since July.

More than 20 hours of educational sessions have been planned. These sessions are divided into golf course and professional lawn service.

Educational sessions cover topics such as personnel management, pesticide and equipment developments, an update on liquid lawn care, and granular applications for professional lawn care.

Lodging reservations may be made at the Stouffer's Cincinnati Towers (513-352-2100). For further information contact the Ohio Turfgrass Foundation, 1827 Neil Ave., Columbus, OH 43210, 614-422-2591.

#### NURSERY

#### Industry loses two great leaders

Nurserymen mourned the death of two of the industry's greatest contributors in September; Henry Kohankie of Lake County, Ohio and Charles McFee, Jr., of Richmond, Virginia.

Although he retired in 1954, Henry Kohankie was regarded by Ohio nurserymen as a living legend because of his wide variety of types

Continues on page 12



Paspalum vaginatum, a variety from Australia, is the subject of this turf plot demonstration by Orange County Farm Advisor J. Michael Henry during the University of California Field Day in Santa Ana in September. The new variety shows more salt tolerance and good winter color compared to other southern California turfgrasses.

# thick, thick, thicker

### THE BEST SEED SHOULD DO MORE THAN GROW GREEN GRASS

ADELPHI Kentucky Bluegrass averaged best over 35 other blue grasses for uniformity in turf growth and density, disease resistance, drought, heat, cold . . . and is completely free of noxious weeds.

ADELPHI, a first generation apomictic hybrid, has been chosen by the Plant Variety Protection Office in the U.S. Dept. of Agriculture as the standard dark green color which all other bluegrasses applying for plant protection will be compared to.

For a thicker, greener turf insist upon the BEST. **ADELPHI** 

For information, contact:

J & L ADIKES, INC. Jamaica, N.Y. 11423

**JONATHAN GREEN & SONS** Farmingdale, N.J. 07727

> NORTHRUP KING CO. Minneapolis, Minn. 55413

VAUGHAN-JACKLIN CORP. Bound Brook, N.J. 08805 Downers Grove, III. 60515

Post Falls, Idaho 83854

Canadian Inquiries: ROTHWELL SEEDS LTD., Box 511, Lindsay Ont. K9V 4L9 Other International Inquiries: NORTHRUP KING CO., Minneapolis, Minn. 55413



University of Minnesota



THE GREENER KENTUCKY BLUEGRASS

