

# PENNCROSS PERFORMS



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# Meet A True Beauty



Nobody gives you a beauty quite like the Pro Master 18-H. Because the beauty of our machine is the way it performs. Hydrostatic drive delivers speeds up to 6.3 mph without shifting. Standard hydraulic lift means easier operation. And twin rear wheel design, plus 0° turning radius make it a model of efficiency. Find out why ninety-six percent of the professionals, commercial users and homeowners we talked to told us they love the way their Gravellys perform. Test a Pro Master 18-H and find beautiful performance. **GRAVELLY**

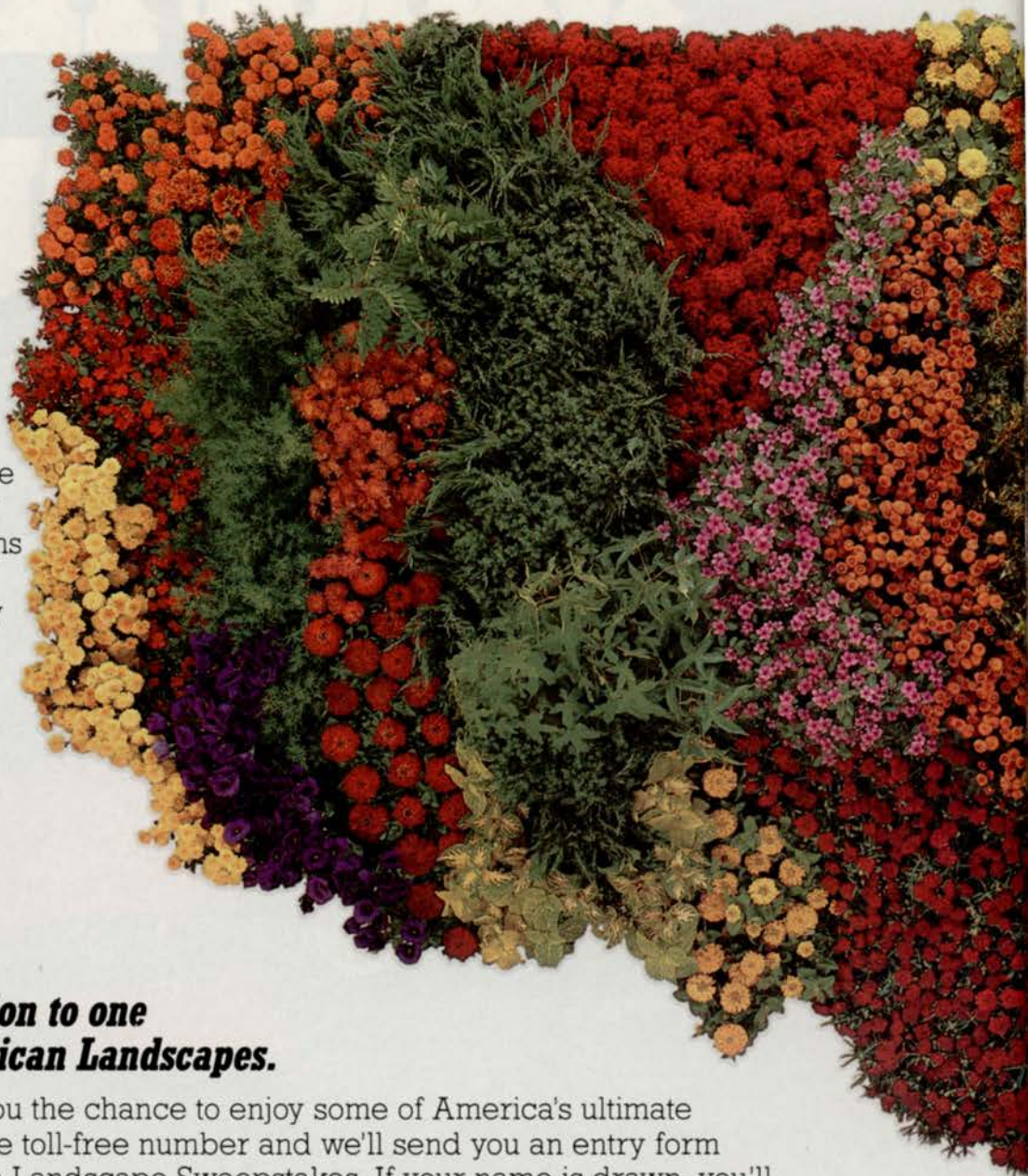
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# *The Great American*

**Mavrik®** and **Pentac®** Aquaflow play a big role in keeping the Great American Landscape looking great. They control a broad-spectrum of insects and mites, can be applied to hundreds of plants—even open blooms—without damage, and offer outstanding safety to applicators.



## ***Win a dream vacation to one of three Great American Landscapes.***

We're offering you the chance to enjoy some of America's ultimate landscapes. Just call the toll-free number and we'll send you an entry form for the Great American Landscape Sweepstakes. If your name is drawn, you'll be given the chance to design your own dream vacation to one of these three garden spots:

***The Island of Maui***  
***New York City's Central Park***  
***San Francisco's Golden Gate Park***

### **SANDOZ**CROP PROTECTION

Use pesticides effectively.  
Read and follow label directions carefully.  
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# Landscape can be yours.



**Visit our booth for another chance to win.**

You can also enter the Great American Landscape Sweepstakes by visiting the Sandoz booth at one of the upcoming trade shows listed below. All Sweepstakes entries received at the show will be entered in a "Show Special" drawing. On the last day of the show, you could win a Weber Genesis III deluxe gas grill.

**TO ENTER THE GREAT AMERICAN LANDSCAPE SWEEPSTAKES:**

Visit the Sandoz booth at:

**Tropical Plant Industry Expo**  
January 26-28, 1989  
Miami, Florida

**Golf Course Superintendents Association of America**  
February 11-13, 1989  
Anaheim, California

Or call toll-free  
**1-800-992-2828**  
for an entry form.

In Illinois call collect  
**(312) 351-5307.**



Circle No. 121 on Reader Inquiry Card

# LANDSCAPE MANAGEMENT

Formerly WEEDS TREES & TURF



On the cover: Hydroseeding Deer Creek Golf Course, by Larry Kassell.

**22 COVER STORY: TALL FESCUES IN K.C.**  
Move over, zoysiagrass. Golf course superintendents are discovering the benefits of tall fescue.

**28 GROWTH REGULATORS FOR POA CONTROL**  
by Terry McIver, associate editor. Two chemical means can be used to control *Poa annua*, or annual bluegrass, in other grasses. One of them is by using turf growth regulators.

**30 POA PROBLEM IN THE EYE OF THE BEHOLDER**  
by Eliot Roberts, PH. D. Two schools of thought concerning annual bluegrass and its use on golf courses: kill it or keep it alive. Both alternatives are discussed.

**36 TIPS FROM THE PROS**  
When you've got the best baseball and football players in the world playing on your turf, it had better be the best turf in the world.

**38 SURVIVING A DISASTER**  
Three years ago, a flood devastated Preston Country Club. Today the course is more competitive than ever.

**42 FLAT AND HARD**  
by Jerry Roche, editor. That's what the concrete is like after Lyon Landscaping installs it. Concrete work has proven to be a profitable addition to this Washington, D.C.-area business.

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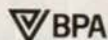
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Citation II • Birdie II • Manhattan II  
Perennial Ryegrass Blend



The Rose Bowl at Pasadena, CA, January 1, 1988

# Ferry-Morse Gold Tag Brand Covers the 1988 Rose Bowl

New generation ryegrasses provide perfect playing surface on return to the Collegiate Football Classic.

PASADENA, CA – It's a thrill to earn your way into the Rose Bowl, the oldest and most prestigious collegiate football classic; but to return again and again is a mark of a tough competitor.

The Rose Bowl turf management team needed a fast-germinating, uniform growing and appearing ryegrass blend to overseed the dormant bermudagrass base. Because of its superior performance in the 1986 Rose Bowl, the combination of improved varieties Citation II, Birdie II and Manhattan II produced by Turf-Seed, Inc. were re-called to duty. Seeding

began on November 16, 1987 and was 'perfect' for the kickoff on New Year's Day.

The dark green color and density provided a base that set off the colorful graphics in the Rose Bowl tradition. And after hard use, the playing surface looked great . . . even under television scrutiny. Ferry-Morse gave it their best . . . Gold Tag Blend, and the rest is history.

If this blend can look and perform this well under the most critical of conditions, think of what it will do for your athletic field!

Citation II, Birdie II and Manhattan II are products of



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## Employee problem?



So, Mr. LCO, you've set up an organization where every employee is familiar with corporate policies and their required duties. You've put together an efficient hierarchy of supervisors and a pleasant work environment. Your employees look upon each other as friends, they're making competitive salaries and enjoying job security. Well, that's nice of you, but you haven't given them anything they don't expect.

Today these work characteristics represent mere environmental factors, not the motivating elements you may have envisioned them to be. That was the eye-opening message delivered by green industry consultant Mike Hiller at the Landscape Exposition in Nashville recently. "If you've done all of this... it's no big deal," says Hiller. "That's your job. These things are only important if you don't have them or if you do and they don't work."

In the employee's mind, says Hiller, the opposite of satisfaction is not dissatisfaction but apathy. To motivate people, you need to present them with challenging work where they can achieve recognition for their achievements. They want to feel like an integral part of your company and that they can grow and develop as a person as well as an employee while under your roof.

It has become obvious after meeting many of you in the past several months that attracting and keeping employees is a major concern. "Kids are making \$8 an hour at McDonald's, for crying out loud," is a statement I've become too familiar with.

Finally in Nashville an answer emerged. And that is, as far as money is concerned, you get what you pay for. If a teenager can make \$8 an hour slinging hash and your going rate is \$5.50, you'll never have the quality employees you think you deserve.

To get them, keep your recruiting channels open year round, notes Hiller, by staying in touch with others in the industry, schools and employment agencies. Often your best recommendations will come from people presently in your ranks. Why not offer them a bonus for all their referrals that pan out?

Next, develop a thorough, professional interviewing process where you follow up on the recommendations of a branch manager. A simple rule: the more time you spend in the interview process the better off you're going to be.

Then, once you have good people on board at a competitive wage, keep their life interesting by challenging them to be the best worker on the team. Give them an award when their crew goes through a season without damaging equipment or tickets to a football game when they successfully attract new customers.

It's often difficult to justify spending extra money for anything these days, but remember that there is more potential in any employee than there is in the best piece of equipment. By tapping that potential you'll increase production and get the additional benefit of enriching someone's life, as well as your own.

Will Perry, managing editor

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Soon you'll have  
good reason  
to start traveling  
in new circles

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Look for a sneak preview at the GCSAA show, Feb. 11-13



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## ATHLETIC TURF

### Sports Turf Managers will hit Dodgertown

The Sports Turf Managers Association is sponsoring its first International Sports Turf Conference and Show at one of the finest sports complexes in the country, Dodgertown at Vero Beach, Fla.

The conference will be held Jan. 13-15, 1989. Besides valuable seminars, the conference will feature a Saturday afternoon luncheon called the "Big Dodger Blue Barbecue." The STMA's annual awards banquet will be held Saturday evening.

"We're expecting 300 to 500 regis-

trants," claims Melissa Merritt, STMA operations assistant. (At presstime) "we have just mailed out our member information brochures and they're starting to trickle back in."

Topics of seminar talks range from irrigation and surveying to injuries and litigation to training employees. The trade show hours are Saturday 8 a.m. to 1 p.m. and Sunday 8 a.m. to noon.

The conference concludes with a special "Hour with the Pros" at the Dodgers' Holman Stadium from 11

a.m. to noon Sunday.

Amenities available to conference guests at Dodgertown are a 27-hole championship golf course, baseball fields, an Olympic-size swimming pool, tennis courts, volleyball and basketball courts and jogging trails. Vero Beach is located on the Atlantic Ocean in central Florida.

For more information, contact Merritt at the STMA, 400 North Mountain Avenue, Suite 301, Upland, CA 91786. Phone number there is (714) 981-9199.

## CHEMICALS

### Chemical barrier keeps roots away

A chemical barrier system has been developed that can protect sidewalks and streets, swimming pools and tennis courts and other structures from damage by tree roots.

Typar Biobarrier root control system was developed through a joint effort of Reemay, Elanco Products and Battelle Pacific Northwest Labs. The Biobarrier can last in excess of 100 years.

Treflan herbicide mixed with carbon black and polyethylene is formed into pellets. The carbon black and polyethylene provide a reservoir for the herbicide and protect it from being degraded by ultraviolet light. At the same time, they help control the rate at which the Treflan is released into the soil.

"The identification of the class of herbicides known as dinitroanilines (of which Treflan is a member) was very critical to the success of the program," notes Peter Van Voris, Ph.D., Battelle program manager and staff scientist. "They are the only EPA-registered herbicides that inhibit root growth without killing the plants."

The pellets, molded into hemispheres, are attached to Typar 3401 geotextile, a non-woven spunbonded polypropylene fabric that is permeable to water and air. Trial batches were tested in 1987. Full-scale commercial production of Typar Biobarrier began in 1988.

The Treflan pellets were originally invented for a Department of Energy project designed to find a long-lasting way to keep plant roots from penetrating uranium mill tailings burial sites throughout the western part of the country.

## PESTICIDES

### Officials see better labels to further green industry

A recent incident involving pesticides pointed to an industry need to improve product labels.

A Columbus, Ohio, lawn care operator reportedly will not be fined for a diazinon application that killed 26 waterfowl. The Department of Agriculture official who investigated the deaths, *Lawn Care Industry* magazine reported, said the insecticide diazinon, applied in combination with fertilizer pellets, was watered in properly. Watering was prohibited by a city-wide watering ban, but a liquid herbicide was sprayed over the pellets. The label calls for "light watering."

"It's just one of those things that's not spelled out," noted Owen Spilker, who investigated for the state. "There are a lot of ambiguous statements on the labels that are going to have to be cleaned up."

Carolyn Bussey, senior regulatory specialist for Ciba Geigy,

	For Turf	Remarks
fore crabgrass and other seed seeds germinate	14 lbs. Acre or 1 lb./3 to 7 gals./3000 sq. ft.	Apply before fall. A second application recommended after the fall.
early fall in northern states seed germination. Consult experiment station or extension specialist for date. Pests in your area and make application 2 weeks prior to this date.	20 lbs. Acre or 1 1/2 lb./1 to 2 gals./1000 sq. ft.	Should be applied after the fall.
ence. spray in spring or creeping speedwell. usually there is ample soil temperature is between 65°	16 lbs. Acre or 1 1/2 lb./1 to 2 gals./1000 sq. ft.	Apply spray of foliage speedwell be expected a gradual.
ass seedlings have exhibited the newly sprouted grasses high.	14 lbs. Acre	Allow crab the new tu

Greensboro, N.C., says the incident illustrates the point Spilker was making. She is preparing a report on the incident for the Environmental Protection Agency. "This is a very gray area," she said in the *LCI* article. "The label needs to be improved."

The Division of Wildlife, meanwhile, is conducting its own investigation.

## LEGISLATION

### AAN receives desired funding of HSC program

The American Association of Nurserymen is doing a victory dance after convincing Congress to fully fund its Horticulture Specialties Census program, which had been targeted for elimination by the Reagan administration.

"The AAN and the Society of

American Florists convinced Congress to earmark full funding at the requested \$800,000 level. This is excellent news for foliage, bedding plants and all segments of the industry," says Ben Bolusky, AAN's director of government affairs.

The industry-specific census gives the nursery industry reliable benchmark data for understanding current and future commercial trends, says Bolusky. The next census is scheduled to take place in 1989.