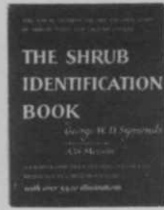


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Top left:
The entryway to the Eastman residence in Laguna Beach, CA.

Top right:
Part of the \$20 million New York City public galleria at Park Avenue Plaza.

Left:
Plants provide privacy and color at Armco offices in Middletown, OH.

national certification program for the field.

IPA selected 29 projects for the 1981 awards. The following winners were selected from the design/installation category. Awards were also presented for maintenance, creative horticulture and continuous watering. Awards were announced and presented at IPA's annual convention in St. Paul October 29.

Green Expectations

Dallas nightlife is natural at Isadora's Disco. For this project, Green Expectations specified large numbers of Kentia Palms, Bouganvillia, and large hanging baskets of Cissus and Airplane plants. The plants tie in well with wicker furniture to provide a cool, casual respite from the flashing

lights and activity of the dance floor. The project won the highest honor in the \$5,000 - \$10,000 category. Rhea Lilly was project manager. Green Expectations also received a merit award in the \$10,000 to \$25,000 category for the Centre Plaza Holiday Inn in Dallas, managed by Robert Abramson.

Decora

The highest honor in the \$10,000 to \$25,000 category was presented to Decora of Greenwich, CT, for its design and installation of Jardines Restaurant in Cos Cob, CT. Project manager Bruce Crowle adapted his design to benefit from a two-floor plan with many mirrored walls. Combinations of large Palms and Ficus trees, colorful potted plants, and trailing varieties

are magnified by the mirrored walls. Wicker baskets and rattan plant stands contribute to the casual atmosphere of this popular restaurant.

John Mini

The highest honor in the \$25,000 and above category was John Mini Indoor Landscapes for the Park Avenue Plaza in New York City. Few firms get this kind of job challenge. Park Avenue Plaza was constructed with a 30-foot high public galleria that includes a 100-foot waterfall to complement this 15-sided, green glass building. The budget for the galleria alone was \$20 million. Mini chose a mix of seasonal flowers in a setting of Ficus Benjamina, Dracaena "Warneckeii" and Spathiphyllum "Mauna Loa." A crane and four

Continues on page 24

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Actual Size

men were required to install the large Ficus trees. The green glass sides of the building provide optimum conditions for plant lighting, but a complete lighting system on timers was included.

Trabuco Canyon Plantenders

The highest honor in the residential design and installation category was presented to Laurie Park of Trabuco Canyon Plantenders for the Arthur Eastman residence in Laguna Beach, CA. The house overlooks the Pacific Ocean from a bluff and features a large, two-story entryway. Park chose plants to adapt to Southern California weather conditions and include the unusual Reflexa as well as Philadendron, Dracaena, Spathiphyllum, Chamaedorea, and Grape Ivy. The overall effect of the residence is airy, spacious and light-filled.

Something Different

The highest honor in the less than \$5,000 category was awarded

to Barbara Helfman of Something Different Interior Plantscaping for the Armco, Inc. offices in Middletown, OH. New open landscape offices depend greatly on interior plants and coordinated color schemes. In this case, Helfman sought to enhance the navy, gray and burgundy color scheme of the three-floor office building. Hand-thrown and glazed pottery were chosen to go with a large mural and the colors of the furnishings. Tropical foliage was used extensively in long planters atop files and panels to soften lines. The plants offer privacy, control traffic, and add a natural touch to open office spaces.

Summary

Tropical plants are not the only elements of interior plantscaping. The IPA award winners show that a spectacular setting is not spectacular without coordinated planters, plants, and lighting. Perhaps the hardest type of interior plantscaping is the open landscape of modern office buildings. The fixed ele-

ments of the landscape are wall to wall and look alike. Only plant features save the office environment from being stark. For this reason, the designer holds the upper hand in interior plantscaping. However, maintenance is the bread and butter of many interior firms with its regular income.

Many interior designers work on a consultant basis for building and landscape architects. This relationship has prevented intrusion by unqualified interior plantscaping firms in many cases. The creation of a self-regulating body to certify individuals further strengthens the market's image.

The florist industry has treated the interior plantscapers as distant cousins whereas the landscape industry, both contracting and architecture, has made a concerted effort to welcome the new and important market to the overall landscape industry. There is a new and exciting dimension to the landscape market, and it appears that its future is secure. **WTT**



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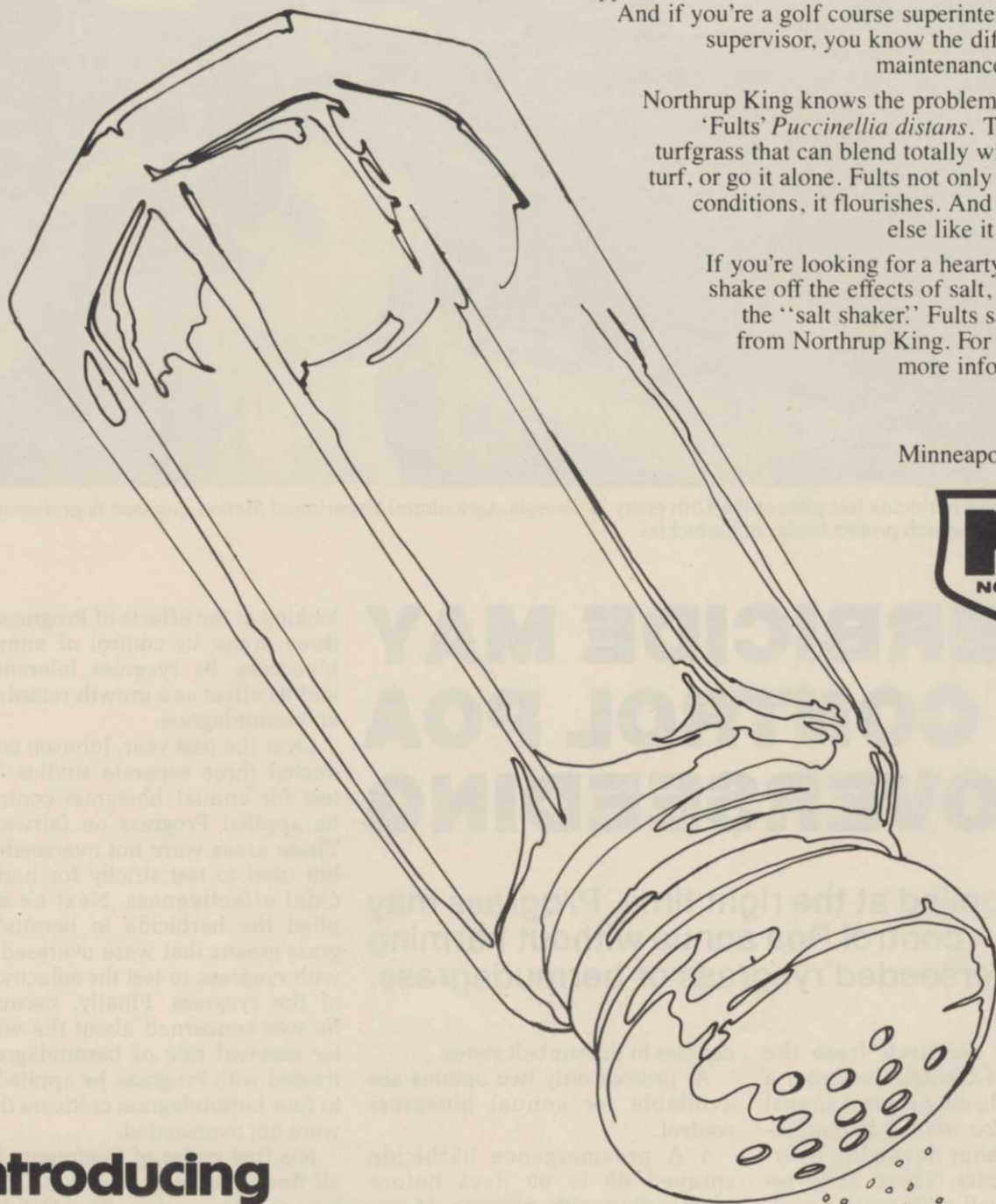
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B.J. Johnson and herbicide test plots at the University of Georgia Agricultural Experiment Station. Johnson is professor of agronomy and research project leader of herbicides.

HERBICIDE MAY CONTROL POA IN OVERSEEDING

If applied at the right time, Prograss may control *Poa annua* without harming overseeded ryegrass or bermudagrass.

Preliminary research from the University of Georgia indicates a new herbicide may control annual bluegrass (*Poa annua*) in bermudagrass without damaging overseeded ryegrass. These early results tie in well with similar studies conducted at Auburn University over a 12-year period, according to B.J. Johnson, professor of agronomy at the University of Georgia Agricultural Experiment Station.

The new herbicide is Prograss, manufactured by BFC Chemicals, Inc. It will be available this fall to control annual bluegrass in greens where ryegrass is overseeded in bermudagrass.

Controlling annual bluegrass in overseeded greens is one of the major weed problems facing golf

courses in the sunbelt states.

At present only two options are available for annual bluegrass control.

1. A preemergence herbicide sprayed 60 to 90 days before overseeding with ryegrass. Hopefully, overseeding is delayed until the herbicide loses its residual action. If not, the ryegrass can be severely damaged.

2. Use pronamide either pre- or postemergence one to two weeks before overseeding. Then, treat a week later with an activated charcoal application to neutralize the herbicide.

"I'm not sure, but the activated charcoal may neutralize some pesticides that may be used later in the year," said Johnson.

What Johnson has been doing is

looking at the effects of Prograss in three areas: its control of annual bluegrass; its ryegrass tolerance; and its effect as a growth retardant on bermudagrass.

Over the past year, Johnson conducted three separate studies. To test for annual bluegrass control, he applied Prograss on fairways. These areas were not overseeded, but used to test strictly for herbicidal effectiveness. Next he applied the herbicide to bermudagrass greens that were overseeded with ryegrass, to test the selectivity of the ryegrass. Finally, because he was concerned about the winter survival rate of bermudagrass treated with Prograss, he applied it to four bermudagrass cultivars that were not overseeded.

His first series of treatments for all three programs began in October and November. The October treatment was primarily for pre-emergence control at the time of overseeding. The November treatment, applied at a low rate, was to extend the preemergence control period and for postemergence control of any escaped annual bluegrass.

He treated annual bluegrass in February and March, when the annual bluegrass is fully mature, to see if the herbicide would control it as a late postemergence treatment.

Continues on page 28

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His results indicated excellent early annual bluegrass control. "The best treatments were in October and November. When we delayed treatments until February we had poor results. In addition, the February treatments delayed green-up of the bermudagrass. These preliminary results of excellent annual bluegrass control are very similar to (Prof.) Ray Dickens' research at Auburn, where they've been looking at Prograss for several years."

Although Johnson cautions that his results are still preliminary, and need to be duplicated before he makes a recommendation, he found that the herbicide's effects on overseeded ryegrass were minimal. Bermudagrass growth in the following spring was normal when treated in October and November, but severely delayed when treated in February and March. Of the four bermudagrass cultivars tested, Tifway showed the least effect and Ormond was affected the most. Tifgreen and Tifdwarf were affected slightly.

Johnson noted that the herbicide does delay or retard bermudagrass growth once it has been applied. This would indicate that the best time for application would be several weeks after overseeding when ryegrass has become well established. Earlier applications could result in some thinning of the greens until the ryegrass becomes established.

Johnson presented his preliminary data to the Georgia Golf Course Association meeting at the Cherokee Town and Country Club in Dunwoody, Ga.

During the coming year, he plans to duplicate his earlier tests as well as expand testing in the area of Prograss' effect on other overseeded varieties.

Ken Chisholm, BFC Chemicals' project manager for the herbicide recommends that for preemergence or postemergence control of annual bluegrass and common chickweed in dormant bermudagrass overseeded with perennial ryegrass, apply in the fall at the time of or up to 30 days after overseeding. The rate should be two to four pints per acre in 20 to 60 gallons of water.

One or two supplemental applications may be necessary, Chisholm adds. These applications should be made at a rate of two pints per acre at 30 to 60-day intervals to maintain control through the winter months.

Chisholm says applications of Prograss after February 1st **are not recommended**. Late applications may temporarily delay transition into active growth of bermudagrass in the spring.

In established perennial ryegrass turf, he says applications are recommended from two to four weeks prior to the main period of annual bluegrass germination and up to 30 days after emergence. Recommended rates are two to four pints per acre in 20 to 60 gallons of water. Applications may be repeated one to two times if needed at 30 to 60-day intervals to maintain control.

Overseeding with perennial ryegrass may be accomplished at any time during the treatment period, he adds. Prograss is recommended for use in new seedings of perennial ryegrass at a rate of four pints per acre for broad-spectrum preemergence weed control.

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