

This is
Warren's®
ADVENTURE
 Turf-type Tall Fescue

Rated better than its top competitors.

9 = very best

1 = very poor

Variety	Turf Quality	Spring Color	Brown Patch Resistance	Pythium Resistance
Warren's® ADVENTURE	6.8	6.5	7.8	8.0
Apache	6.7	*	6.5	5.0
Mustang	6.6	*	6.0	6.3
Olympic	6.5	5.8	5.8	5.3
Jaguar	6.1	*	7.3	6.0
Rebel	5.9	7.4	6.5	6.0
Hound Dog	5.9	*	6.2	6.2
Falcon	5.8	5.6	6.3	7.0
Kentucky 31	3.4	4.0	6.5	6.8

Data from Adelphia and North Brunswick, New Jersey, 1980 thru 1983

*Not reported

No matter what demands you put on Warren's® new ADVENTURE Turf-type Tall Fescue — turf quality . . . color . . . density . . . texture . . . toughness . . . heat and drought tolerance . . . you can count on performance that's proven superior against leading competitors.

The finer blade of ADVENTURE provides a denser more attractive turf than the older unimproved varieties. It requires less water and fertilizer than Kentucky Bluegrass or perennial ryegrass and is suited for heavy shade conditions as well as full sun.

In comparisons to "cool season grasses" ADVENTURE survives much better in the "transition zone" of the U.S. where it is often very hot and droughty. Wear tolerance for athletic fields, especially in the transition zone, is far superior to the old tall fescues.

SPECIFICATIONS

Mowing Height	¾" to 1½" on irrigated turf, 2" on "non-irrigated" turf dependent upon rain only.	Germination Time	7 days is normal (at 70° F). Responds better in high soil temperatures than bluegrass.
Fertility Requirements	2-3 pounds of N per year per 1000 square feet. ADVENTURE is less prone to iron chlorosis than leading competition.	Heat Tolerance	Excellent. Far superior to ryegrass or bluegrass.
Seeding Rate	5-7 pounds per thousand square feet.	Cold Tolerance	Much better than perennial ryegrass.
pH Tolerance	Ranges of 4.7 to 8.5.	Fungus Susceptibility	Superior resistance to brown patch and red thread. No mildew seen in shade. Good crown rust resistance.
Shade Tolerance	Up to 80% shade at 2½" mowing height. The blade becomes narrower in the shade.	Weed Resistance	Denser than competitive brands. Very tolerant to herbicides particularly compared to creeping red fescue.

The superior performance and quality of Warren's® ADVENTURE has made it one of the leading brands of Turf-type Tall Fescue on the market.

For more information, contact your Warren's® Turf Professional, Warren's® Seed Supplier, or call 1-800-828-TURF (8873). In California call 1-707-422-5100.

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sprouts of tall fescue can be observed in 7 days, with turf requiring the first mowing at 2-3 weeks. Seed rates of KY-31 are usually recommended at 8-10 lbs. per 1000 sq. ft. The turf-type tall fescues have increased tillering ability compared to KY-31 and seeding rates of 4-8 lbs. per 1000 sq. ft. can produce a very good turf. Higher seeding rates of tall fescue can be used to give a more rapid turf cover to compete with weedy species. High seeding rates can result in additional irrigation requirements to maintain good turf during periods of drought and heat stress.

Cultural practices

Tall fescues require less nitrogen fertilizer than the improved Kentucky bluegrasses and perennial ryegrasses. Sod growers in southern California have found that sod fields of tall fescue are managed best by cutting the fertilizer rates used for Kentucky bluegrass sod by one half. An annual fertility program of 2-4 lbs of actual nitrogen per 1000 sq. ft. is suggested. The optimum cutting height for tall fescues varies from one-and-one half to three inches depending on the amount of heat stress a turf will face. Cutting heights of one inch or lower can result in severe competition from annual bluegrass, especially under high irrigation and fertility conditions.

Tall fescues have shown good tolerance of the commonly used selective broadleaf and pre-emergence crabgrass herbicides.

The tall fescues are not thatch formers like the bluegrasses and fine fescues and usually don't require dethatching.

Under western Oregon summer drought conditions the tall fescues will stay green and grow 3-4 weeks longer than Kentucky bluegrass and 2 weeks longer than perennial ryegrass.

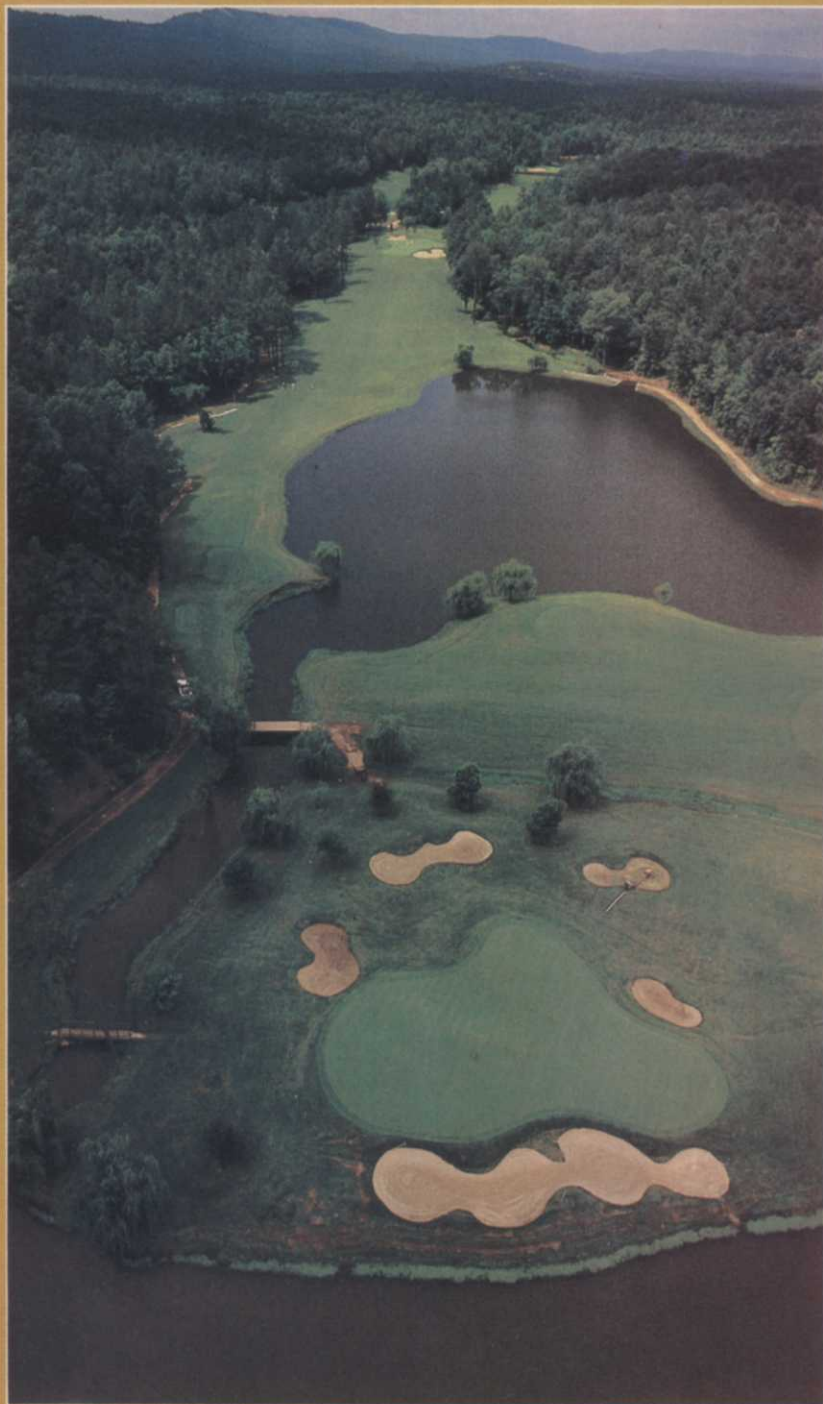
Tall fescue varieties should be used in blends with other varieties of tall fescue or in mixtures with five percent Kentucky bluegrass. The variety of bluegrass used should have only a moderate level of aggressiveness to prevent crowding out of the tall fescue. This is especially important when the turf is mowed at one-and-one-half inches or less. Mixtures of tall fescue with perennial ryegrasses and fine fescues have resulted in crowding out of alot of the tall fescue by these species in western Oregon turf trials.

There are many breeding programs in progress at this time to make further improvements in the levels of disease resistance and turf quality of tall fescue.

WT&T

Circle No. 107 on Reader Inquiry Card

1984 PGA putts on PENNCROSS



18th green at Shoal Creek, Shoal Creek, Alabama

Shoal Creek, Alabama

At the rugged Shoal Creek course, host of the 1984 PGA Championship August 16-19, 1984, the touring professionals will again be putting on Penncross creeping bentgrass. Penncross and Penneagle, the Penn Pals, are no strangers to the pros. Most of the recent major championships have been played on one or the other. The Western open at Butler was played on Penneagle fairways and greens. The 1983 US Open at Oakmont was played on Penneagle tees, fairways and greens. Maybe you saw the sixty-foot putt on Penneagle.

So, when the Shoal Creek course was designed, it's no wonder Penncross was specified for the putting surface. It was a 'natural' to choose Penncross bentgrass, with its glorious history, for a course with a sparkling future!

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PROBLEM SOLVERS

By Balakrishna Rao, Ph.D and Thomas Mog, Ph.D

Bayleton is preventative

Problem: I recently heard that Bayleton would prevent Fusarium blight, but could not cure it. Is there more research on this subject? (Michigan)

Solution: Mobay's technical representative indicated that Bayleton will work best as a preventative when applied about 30 days before the incidence of disease and followed up with a second application after 30 days. So far, it has not shown any curative action and no additional research is being planned.

Yellow oxalis is stubborn

Problem: I manage a four-acre property and have tried to get rid of yellow oxalis growing within mesembryanthemum for some time with only spotty success. We have sprayed magnesium sulfate, Roundup and others and have only killed the flowers and stems, but not the bulbs. Can you recommend a herbicide and/or application procedure that may help stop this perennial from reoccurring. We believe our pest is *Oxalis pes-caprae* (Bermuda buttercup). (California)

Solution: *Oxalis* sp. is considered to be one of the more difficult to control broadleaf weeds. Reports suggest that application of herbicides, such as Trimec Turf Ester, Weedone DPC or Professional Turf Herbicide 123, can provide satisfactory control of yellow woodsorrel (*Oxalis stricta*).

Since you are not very sure about the *Oxalis* species you are dealing with, I would suggest applying and determining the efficacy of the products on *Oxalis* sp. in a small area before using it in larger areas. The following information should help you to verify the species.

The Bermuda buttercup (*Oxalis pes-caprae* syn. *O. cernua*) is a winter-blooming weed. It is the only tender, yellow flowered, stemless *Oxalis* in cultivation that has clusters of flowers; others have solitary flowers. It has scaly bulbs, a deep, thick tap root, and very long-stalked leaves with three obcordate leaflets fringed with hairs. Flowers are about 1-1 1/2 inches wide and bright yellow.

Herbicide application should be made during early spring or late fall when the weeds are actively growing. Repeat application may be necessary for satisfactory results. These herbicides contain ester formulation of 2,4-D which can volatilize and may cause injury on non-target, desirable plants. Therefore, be careful while applying these around ornamental plants. Read and follow label specifications for further details.

From asphalt to turfgrass

Problem: At my place of employment we are planning an expansion of turf and/or landscaping in areas formerly covered by asphalt. Are there any precautions that should be taken, such as soil replacement, to avoid possible contamination of the root

zone by oils or residues having leached into the subsoil? If so, how deep should the soil be replaced from these areas for trees (probably oak) and turf? (Indiana)

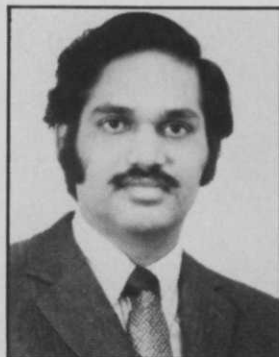
Solution: In an area which was formerly covered by asphalt, I would suggest that you take the following precautions before establishing any turf or landscape plants.

First, try to find out whether any total control (nonselective) herbicides were used in the area before the asphalt was laid. If so, depending upon the product and rate of application, the materials may still persist. If the materials are known, have the soil tested for residual concentrations which would affect the growth of plants.

If information concerning herbicide use cannot be determined or as a further precaution, I would suggest that you perform a radish and ryegrass seedling bioassay either directly in the field or in the laboratory using the soil in question. Sample the soil at various locations and depths. Testing soil to a depth of 10 inches is usually sufficient unless herbicide residues are found.

If herbicide residues or oil are found, the removal of 6-10 inches of soil is usually sufficient to replace the affected soil. Add new topsoil and till into the underlying soil.

If necessary, add topsoil in layered increments, tilling between layers. Planting the trees in a mound of soil above grade will provide further protection from traces of herbicide in the soil. If the bioassay tests indicate that the soil is free from contamination, then pursue the soil improvement, planting, etc., based on soil test results and recommendations which can improve the soil.



Balakrishna Rao is plant pathologist and Thomas Mog is pest management specialist for Davey Tree Expert Co., Kent, OH.

Questions should be mailed to Problem Solver, Weeds Trees & Turf, 7500 Old Oak Boulevard, Cleveland, Ohio 44130. Please allow 2-3 months for an answer to appear in the magazine.

**The Professional Lawn Care
Association of America
1984 Conference & Trade Show
November 12-15, Tampa, Florida**



PLCAA '84 Tampa

NOVEMBER 12-15

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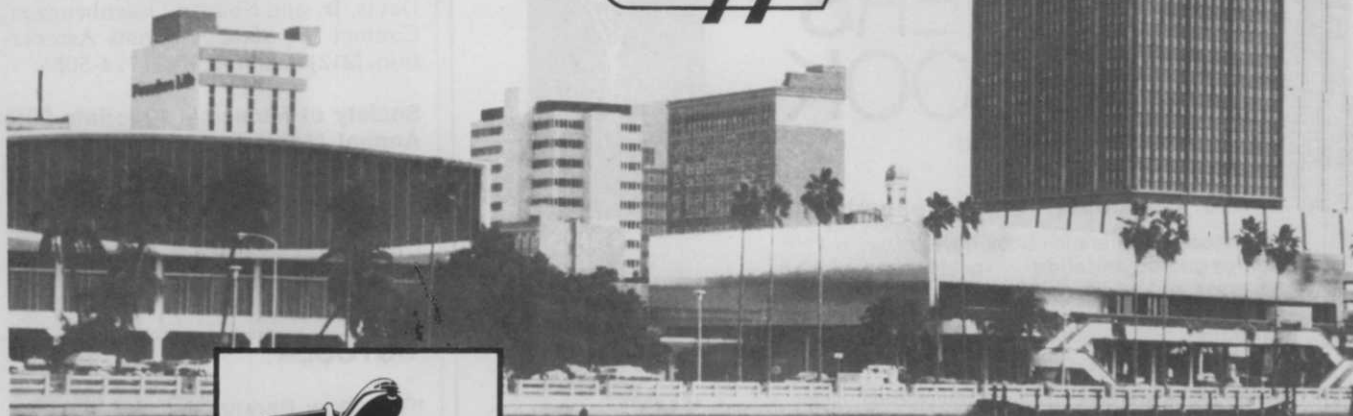
And what a week it will be! PLCAA '84 is shaping up to be the biggest, best gathering of powerhouse speakers and exhibitors in our five-year history. The seminar program has been expanded to offer over 16 hours of educational programming hosted by a new lineup of outstanding speakers, problem solvers all.

In addition, last year's popular "Workshop" series will offer even more hours of "how to" advice on business basics like purchasing, business expansion, and promotional techniques. Subjects aimed at boosting the bottom line of your operation.

IT'S SHOWTIME, FOLKS! Virtually every major vendor and supplier to the lawn care industry will be among the over 100 exhibitors at PLCAA '84. Longer show hours and more floor space in the beautiful Curtis Hickson Convention Center will give showgoers an unparalleled opportunity to see, touch, and compare all that's new in lawn care.

BRING THE FAMILY! Take advantage of Tampa, heart of Florida's funland. PLCAA '84 offers features, options, and vacation opportunities designed with fun in mind. Features like a special Spouse Program full of fun and surprises. Options like a week-long post-conference Caribbean cruise on the luxurious New Amsterdam, newest ship in the Holland America Line. Opportunities like a chance to visit those Florida wonderlands you've been dreaming about — Disney World, Epcot Center, and Sea World. Indicate your interest on the coupon below and details will be sent to you.

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Delta Airlines have been appointed official carrier for PLCAA '84. Delta has regular scheduled flights from most major US cities to Tampa and will be offering discounted fares to all PLCAA '84 participants — up to 30% off regular prices.

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EVENTS

SEPTEMBER

International Garden Horticultural Industry Association Convention, Sept. 7-10. New Orleans, LA. Contact IG-HIA, 26 Pine St., Dover, DE 19901.

Pacific Horticultural Trade Show, Sept. 6-8. Los Angeles Convention Center, Los Angeles. Contact California Association of Nurserymen, 1419 21st St., Sacramento, CA 95814, (916) 448-2881.

Ohio State University Field Day, Sept. 11. OSU Turgrass Field Plots, Columbus, OH. Contact Dept. of Agronomy, OSU, Room 202, 2021 Coffey Rd., Columbus, OH 43210-1086; (614) 422-2002.

Virginia Turfgrass Research Field Days, Sept. 18-20. Virginia Tech, Blacksburg, VA. Contact J.R. Hall, Agronomy Dept., Virginia Tech, Blacksburg, VA; (703) 961-5797.

Minnesota Society of Arboriculture, Sept. 24-25. Minnesota Landscape Arboretum. For information, contact MSA, 403 East Center St., Rochester, MN, 55904.

Tree Evaluation Clinic, Sept. 25-26. West Point, NY, conducted by the American Society of Consulting Arborists. Guest lecturers are Spencer Davis, Jr. and Sharon Ossenbruggen. Contact NY State Arborists Association, (212) 986-1160, (914) 724-5065.

Society of Municipal Arborists 20th Annual Meeting and Trade Show, Sept. 30-Oct. 3. Freehold, NJ. Contact Dave Shaw, 20 Court St., Freehold, NJ 07728 or Robert Miller, Exhibits Chairman, 7447 Old Dayton, Rd., Dayton, OH 45427.

OCTOBER

"The New Perennials" Symposium, Oct. 1. New York Botanical Garden. Contact Cindee Howard, NYBG, Bronx, NY 10458.

16th International Bedding Plants Conference, Oct. 2-6. Grand Rapids, MI. Contact BPI, PO Box 286, Okemos, MI 48864.

To insure that your event is included, please forward it, 90 days in advance, to: WEEDS TREES & TURF Events, 7500 Old Oak Boulevard, Cleveland, OH 44130.

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They apologize for not always being in when you call, but great stories are found in the field, not in the office. These pros know the only way to really cover the green industry is to get out and be a part of it. From turf test plots in Oregon to the corridors of our Nation's Capital, they're following leads, surveying markets and interviewing the landscape

professionals who make our industry hum. Then, they use their years of experience to pull it all together, analyze it and present it to you in a crisp, easy-to-read and easy-to-use style. That way, you have the information you need to do your job better, faster and more effectively.

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Sunburst designed to clean up lakes

The Sunburst floating aerator cleans up algae, aquatic weeds, and unpleasant odors by adding dissolved oxygen and circulation to water. A product of Barebo, Inc., makers of Otterbine Spray Sculpture Floating Fountains and Aerators, the Sunburst is pre-assembled at the factory and shipped ready for installation. It is



said to be easily installed by two men in one hour. Each unit is a self-contained compact unit requiring no foundation, external pump, or plumbing fixtures. The Sunburst-ST is especially designed for tough conditions such as saltwater, alkaline waters, and high temperatures.

Circle No. 160 on Reader Inquiry Card

Orthene approved for turfgrass use

Orthene Tree & Ornamental Spray has received EPA approval for use in the control of turfgrass insects. It is registered to control many species of armyworms as well as sod webworm, leafhopper, and greanbug. Orthene is compatible with most commonly used fungicides and is not phytotoxic to the turf. Chevron Chemical Co. said the spray can be applied without protective equipment or clothing, and workers can re-enter the turfgrass area as soon as the spray deposit has dried.

Circle No. 161 on Reader Inquiry Card

Mowers can gang up on really big jobs

Heavy-duty commercial Bunton gang mowers cut from 52 inches to over 20 feet, and are independently powered so they are easy to pull, even with small tractors. Each unit is powered by an 8-hp engine. There is a choice of up to five units, and the mowers can be transported in tandem with an overall width of only 53 inches. A unique hitch and back-up bar makes hitching quick and simple, and allows



tight turning and reversing. These mulching-type mowers are said to cut heavy grass faster and mulch clippings smaller.

Circle No. 162 on Reader Inquiry Card

Herbicide gains greater versatility

New label registrations for Devrinol preemergence herbicide allow the herbicide to be used on a greater variety of ornamentals including birch trees, dogwood, forsythia, ivy, camellia, sedum, and xylosema. The herbicide can also be applied to flowers such as dahlias, petunias, daisies, and gladiolus. Devrinol controls over 35 weeds including crabgrass, goosegrass, sandbur, foxtail, common chickweed, common purslane, and lambsquarters. The new registrations include the 50 WP and the 5-G formulations of Devrinol.

Circle No. 163 on Reader Inquiry Card

Blow debris away with attachment

Olathe introduces its Model 67 Leaf and Debris Blower to blow leaves,

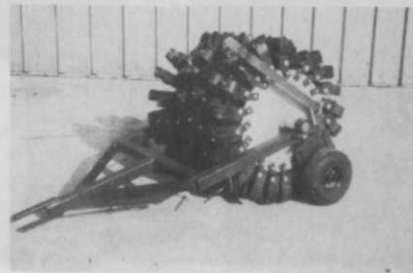


grass clippings, sand and debris off paths, fairways, and parking lots quickly and efficiently. The Model 67 attaches to the Toro Groundmaster 72 to create a hurricane force wind which can be channeled either direction with a directional chute controlled from the operator's seat. The heart of the Model 67 is a 24-inch diameter fan driven by the Groundmaster's P.T.O.

Circle No. 164 on Reader Inquiry Card

Terracare offers small aerifier

The Tiny Terra 140 aerifier being introduced by Terracare Products can operate in small areas. It features an overall width of only 34 inches and an aerating width of 22 inches. The Tiny

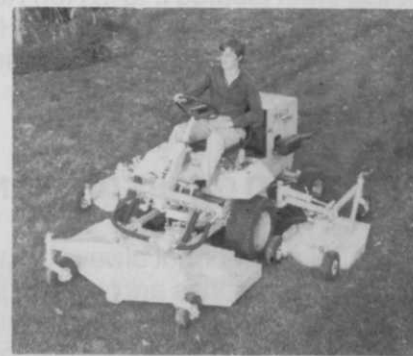


Terra, which can be pulled by an 11-hp tractor, features 140 tines, available in either 1/2-in. or 5/8-in. sizes with a spacing of 3 1/2 to 4 inches.

Circle No. 165 on Reader Inquiry Card

Turf Blazer mows acres per hour

The Turf Blazer 727-104 can cut up to 5.3 acres of grass per hour with its 104-inch cutting capacity. Its design, with a 60-inch mower out front and two hydraulically-operated wings, provides the floatation of a 60-inch ma-



chine. The mower is powered by a 747 Tractor with a field-tested, 3-cylinder, water-cooled, 27-HP diesel engine in conjunction with hydrostatic transmission.

Circle No. 166 on Reader Inquiry Card

PLANTING HOLE *from page 20*

significantly increased growth compared to no fertilizer in the clay loam (unamended) soil.

The authors concluded that there is no substitute for good soil. The trees in the good clay loam soil produced an average of 69 inches of new growth with a stem diameter of 3/4 inch. In contrast, the trees in the silt loam subsoil averaged 12 inches and less than 1/4 inch. No benefit was derived from the use of soil amendments with either soil. Pine bark as an amendment proved detrimental to growth in both soils unless fertilizer was added to compensate for the nitrogen depletion by micro-organisms.

In 1976, Whitcomb et al. raised the question "What is a \$5 planting hole? How much peat should fill it?"

The authors added 10, 20, 30, 40 or 50 percent by volume of peat, pine bark, vermiculite or colloidal phosphate to the soil removed from the planting hole. *Pittosporum tobira*, Japanese pittosporum, was the test plant.

Peat was not significantly better than the existing (native soil) at any rate. Again, the roots of the plants grown in amended soils were restricted to the original planting holes

while plants in unamended soil had roots well beyond the planting hole. This was true whether or not irrigation was applied.

From a practical standpoint plants with confined (restricted) root systems will not withstand stresses (drought, nutrition) as well as plants with extensive root systems which "mine" greater volumes of soil.

Corley (1984) in Georgia reports on tests that have been conducted since

The authors concluded that there is no substitute for good soil.

1975 on the effects of backfill amendments. Azalea, rhododendron and dogwood, three plants that require considerable cultural care, and juniper and holly were tested.

None of the five plant types responded positively to backfill amended with pine bark during three growing seasons. The growth of azalea and dogwood was reduced by the amendments but the reductions were not significant.

For the professional landscape manager the implications of this research should be obvious. It is not necessary to add amendments to the backfill soil and in certain cases may be detrimental to do so. The apparent interface between existing soil and amended backfill soil prevents root growth into the native (existing soil). This results in a bathtub effect.

Dig a wide hole, not a deep hole, in native soil. Place the plants to the depth it was grown in the nursery. It is always better to plant slightly high than too deep. Most of the feeder roots (70-90°) are in the top 6 to 12-inches of the soil.

The results of these studies are too geographically broad-based (Minnesota, Oklahoma, Georgia, Florida) and consistent to be ignored. If followed the resultant plant growth and survival will be enhanced. In addition, labor, time and money should be saved in the planting process.

In 1981, the American Rhododendron Society altered its planting recommendations, omitting the suggestion that organics be added to backfill. Had someone suggested something like this 15 years ago they would have been discharged from horticulture. Times do change. **WT&T**

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2½ GAL. (10 K)

Technical data	FLOX 2½ gal.	IRIS 3½ gal.	SENIOR 5 gal.
Weight #	11	11.4	12.1
Tank Capacity	2.6 gals.	3.9 gals.	5.2 gals.
Max Working Pressure	84 PSI	84 PSI	84 PSI

FOR MORE INFORMATION

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WANT TO BUY OR SELL a golf course? Exclusively golf course transactions and appraisals. Ask for our catalog. McKay Golf and Country Club Properties, 15553 N. East Street, Lansing, Michigan 48906. Phone (517) 484-7726. TF

Landscape Contractor. All phases Nursery Stock, Inventory, Equipment, Shop Tools, Accounts, Dealership. 20 years in business. Retirement and health. \$200,000.00. DAL CORP. W220 S7625 CROWBAR ROAD. MUSKEGO, WI. 53150. 8/84

HELP WANTED

SALES POSITION—Landscape firm seeks sales personnel with 1-3 years minimum experience in Landscape Installation sales in the Dallas-Fort Worth metroplex. Position involves no design or job supervision. Interested individuals should send letter and resume c/o 2559 Southwell, Dallas, Texas 75229. Interviews will be arranged upon receipt of resume. 8/84

CREWCHIEF—Park District has a new leader position for trimming, planting, and removal of trees. Must be experienced with rope and saddle; year-round position with full benefits. Send resume and salary experience to: Glenview Park District, 2320 Glenview Road, Glenview, IL. 60025. 8/84

USED EQUIPMENT

Ford 6600 Tractor with Mott Interstate Mowing System, Ford LCG Tractor, Exc. Cond. Low hours. Farne Landscaping, 215-646-2096, 2090. 8/84

1975 Woodchuck Chipper 16" 330 Ford V8, good condition. \$4,500.00 or best offer. (914)462-4042. 8/84

1981 Finn Banton straw blower. Like new. Howard hydro 180 mover 1980. John Deere 1050 with loader, excellent condition. Valley Turf, Inc., Grafton, Ohio (216)575-0172. 8/84

For Sale--Finn Eagle Straw Blower, diesel motor. Manual controls, automatic feed. Good condition. \$7,500. Myers Companies, Inc., Stilwell, KS (913)681-2667. 8/84

HYDRO-MULCHERS AND STRAW BLOWERS New and used. JAMES LINCOLN CORPORATION, 3220 S. Jupiter Rd., Garland, TX 75041. (214)840-2440 (TX), (800)527-2304(except TX) TF

HI-RANGERS AERIAL BASKETS 65', 57', and 53'. Skyworkers aerial baskets 65', 50', 40'. Vermeer stump cutter 1560.6. Vermeer tree spade 66, TS 44. Asplundh bucket and brush chippers. Bean sprayer, 9 ton trailer. Parkway Tree Service, 12026 W. Cherry, Wauwatosa, Wisc. 53226. (414) 257-1555. TF

For Sale — 1978 Princeton Sod Harvester, Model #4020, with John Deere diesel. Ready for work! Looks good — Runs Good! \$17,500. Grass Farm, Morgan Hill, CA. (408) 226-9775. TF

Finn 800 gallon hydro seeder, in good condition, skid mount. For more information call Hydro Grass Inc. at 616-963-5919. Asking \$5200. 8/84

Royer 300 all hydraulic Perkins diesel power on-road trailer. Three years old. Used 800 hours. (303) 279-3594. 8/84

BUCKET TRUCKS, straight stick, corner mount and knuckle boom cranes. Sprayers, chippers, dumps, stakes, log loaders, crew cab chip box dumps, railroad trucks. 50 in stock. Sold as is. Were reconditioned. Opdyke's, Colmar (Philadelphia area). 215-822-8300. TF

NEW and USED EQUIPMENT — Asplundh, Hi Ranger and Lift-all forestry bucket trucks, Chipmore wood chippers. Mirk, Inc., (216) 669-3567, (216) 669-3562, 7629 Chippewa Road, Orrville, Ohio 44667. TF

For Sale—Finn Eagle Straw Blower, all hydraulic. Diesel motor, oil attachments. Excellent condition. \$10,000. Meyers Companies, Inc. Stilwell, KS (913)681-2667.

FOR SALE

For Sale: One 10-1/2 ft. Methyl Bromide Fumigator, complete with controls and tanks. And one tarp or plastic puller. Both \$4500. Call (904) 732-3014. TF

LAWN SEED. Wholesale. Full line of top quality grasses. Improved bluegrass varieties, fine fescues and fine bladed ryegrasses. We specialize in custom mixing. Oliger Seed Company, 2705 Wingate Avenue, Akron, OH 44314. Call collect (216) 753-2259. TF

TREE FERTILIZATION GUN, tested on over a million square feet of trees and shrubs all over the U.S. Good to 500 psi, repairable, non-corrosive. Buy direct from manufacturer, \$92.50. Arbor-Nomics, Inc., 5634-A Buford Highway, Atlanta, Georgia 30071. (404) 447-6037. TF

SALE--SALE--SALE--Hannay 12 volt base mount reel motors, \$100.00 (new). Regular \$160.00. FMC (John Bean) parts and pumps at discounted prices. **Hypro pumps** parts and accessories at 25% discount. Call: Strong Ent., Inc., Collect (305) 264-5525. TF

MEYER ZOYSIA — Pure Meyer Z-52 zoysia sod, big savings on water, bug killers, mowing and fungicide. great service. BEAUTY LAWN ZOYSIA (Cincinnati) (513) 424-2052. 11/84

WANTED

Wanted to buy **HYDRO SEEDER**. Please send photo. Johnson Hydro Seeding Corp., 13751 Trvilliah Road, Rockville, MD 20850, 301/340-0805. TF

MISCELLANEOUS

DIESEL HI-RANGER TOWERS—48-100 Feet working heights. Daily, weekly, monthly rentals with or without operator. **MATLOCK LEASING**, Pottstown, PA (215) 326-7711 or (800) 345-7711. 12/84

LANDSCAPE SPRAY SERVICE: complete landscape pest control including; turf and tree insects and diseases, gopher control, weed control, and abatement. Licensed PCO, PCA. 714-953-8344, 213-439-3079. 8/84



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