

*When toughness and beauty count,
why compromise?*

**Go with Warren's® A-34 BenSun®
Kentucky Bluegrass Seed or Sod.**



**Warren's® A-34 BenSun® rates 23% better in quality;
33% better in density than its top 10 competition.**

10 = very best

1 = very poor

VARIETY	QUALITY	DENSITY
Warren's A-34 BenSun®	9.0	8.5
Average of top 10 competitors	7.32	6.38

Source: Purdue University, November, 1983-Field Day

**Warren's A-34 BenSun®
Kentucky Bluegrass**

**23%
Better**

**33%
Better**

If you're looking for a top quality Kentucky bluegrass that stands up under heavy traffic, makes maximum use of fertilizers, is aggressive in its growth so it chokes out weeds, takes up to 65% shade and can be mowed to as close as half an inch...then you need Warren's A-34 BenSun®.

It's the hardy Kentucky bluegrass that's providing better, safer playing fields coast-to-coast in some of the nation's leading stadiums—including San Francisco's Candlestick Park, Denver's Mile High Stadium, Milwaukee's County Stadium, Chicago's Comiskey Park and Baltimore's Memorial Stadium; as well as many famous college and university stadiums.

For the professional groundskeepers that run these operations, there's no room for compromise. When toughness and beauty count,

they go with the PROs—Warren's A-34 BenSun® Kentucky Bluegrass Seed and Sod supplied by their Warren's Turf Professional.

**"Wherever you put down roots,
go with the PROs."**

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Our 35th Year

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CHIPPER from page 77



allows it to have an economical power use without maximum noise. It can handle logs to 12-in.-diameter or 12-in. slabs, and features a controlled hydraulic feed with uniform chip size.

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Cable plow built for stability, long use

The B-30 cable plow from Burkeen Manufacturing Co. replaces the DP30, while keeping features such as a Hatz

What makes Ryan® big aerators worth the investment:

Large area cultivation plus five choices of tines to get to the root of your problem fast.

Chances are, your turf is slowly choking to death.

Every time you cut grass, it gets harder for water and fertilizer to seep down through the thatch build-up.

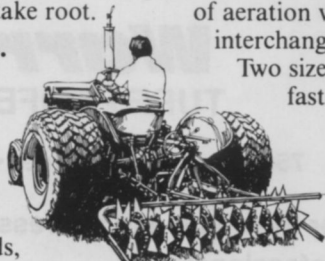
And every time your soil is walked on, or dried out by hot weather, it gets harder for the grass to breathe.

And for new grass to take root.

Ryan has the solution.

Ryan solves your turf problems with an aerator specifically built for your type of turf.

On fairways, parks and other uneven grounds,



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To aerate flat expanses of turf (like athletic fields), choose the Ryan Tracaire®.

Both cover a wide 6-foot swath.

Both can be mounted to your tractor's 3-point hitch.

And both let you vary the amount of aeration with a unique system of interchangeable tine wheels:

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*The Ryan Tracaire —
built specifically
for athletic fields and
other flat grounds.*

Two sizes of **deep-slicing** tines to open up dry soil in the summer.

And **open-spoon** tines to prepare the turf for new seed and fertilizer in the fall.

No other equipment gives you such thorough aeration, season after season.

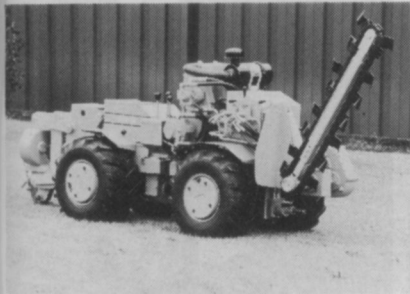
A free demonstration.

Of course, the best way for you to learn about the Ryan Tracaire and Renovaire aerators is to see them in action.

On your own grounds.

To do that, just return our coupon today. Or call us toll-free, 1-800-228-4444.

diesel engine, articulation, spring isolated plow, and gearbox driven trencher. New features include low profile for stability, large hydraulic reservoir, streamlined hydraulic system, heavier weight for more traction, new controls, and various options.



Circle No. 210 on Reader Inquiry Card

Hydroseeder features big tank loads

Finn Corporation has introduced the T110 hydroseeder with a 1,000-working-gallon tank, standard heavy-duty centrifugal pump, hydraulic motor-driven agitator, dual agitation, and remote hose operation. These components enable the T110 to seed, fertilize,

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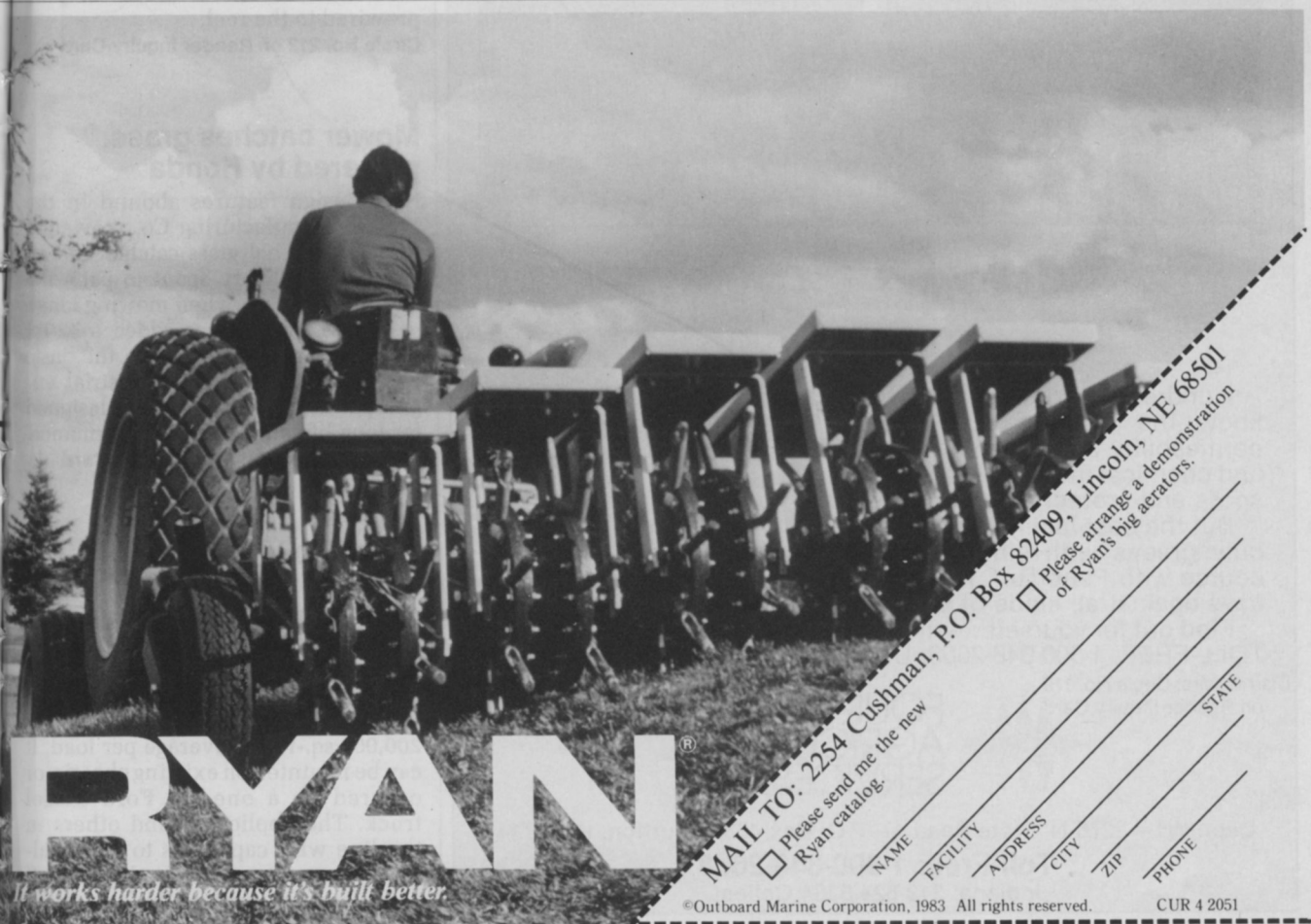
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distances to 90 feet. The T110 is available as a gooseneck model or skid mounted, and features several options that allow it to function for dust control, high-pressure tree spraying, equipment cleaning, and other uses. **Circle No. 211 on Reader Inquiry Card**

Hose, cable reels are neat and quick

and mulch up to 1/3 acre; or just seed and fertilize as much as 3 1/2 acres at

Hannay portable hose and cable reels. Models 1100, 1200, and 1300 are de-



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Get the Pene-Turf Advantage For Less Than Half the Cost.



IN WET WEATHER, Pene-Turf makes soil more permeable, aiding drainage and reducing runoff.



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Hundreds of professional turfmanagers across the nation know the benefits of Pene-Turf Soil Treatment...improved permeability and aeration in the soil...better rooting, drainage and chemical incorporation...elimination of isolated wet and dry spots and protection against erosion.

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Distributors: Circle No. 119 on Reader Inquiry Card



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Toll-Free: 1-800-348-2608
Indiana: 219-824-5384 Collect

Circle No. 118 on Reader Inquiry Card

signed to get the job done fast, without piling, tangling, kinking, or lugging. Pickup and storage are neat and quick; wear and tear are minimized. Hose models are direct crank rewind, continuous flow reels with swivel joint inlet, fluid hub, and outlet riser. Cable reel uses direct crank rewind, has three-conductor wiring, and features a six-foot lead with 110-volt plug prewired to the reel.

Circle No. 212 on Reader Inquiry Card

Mower catches grass, powered by Honda

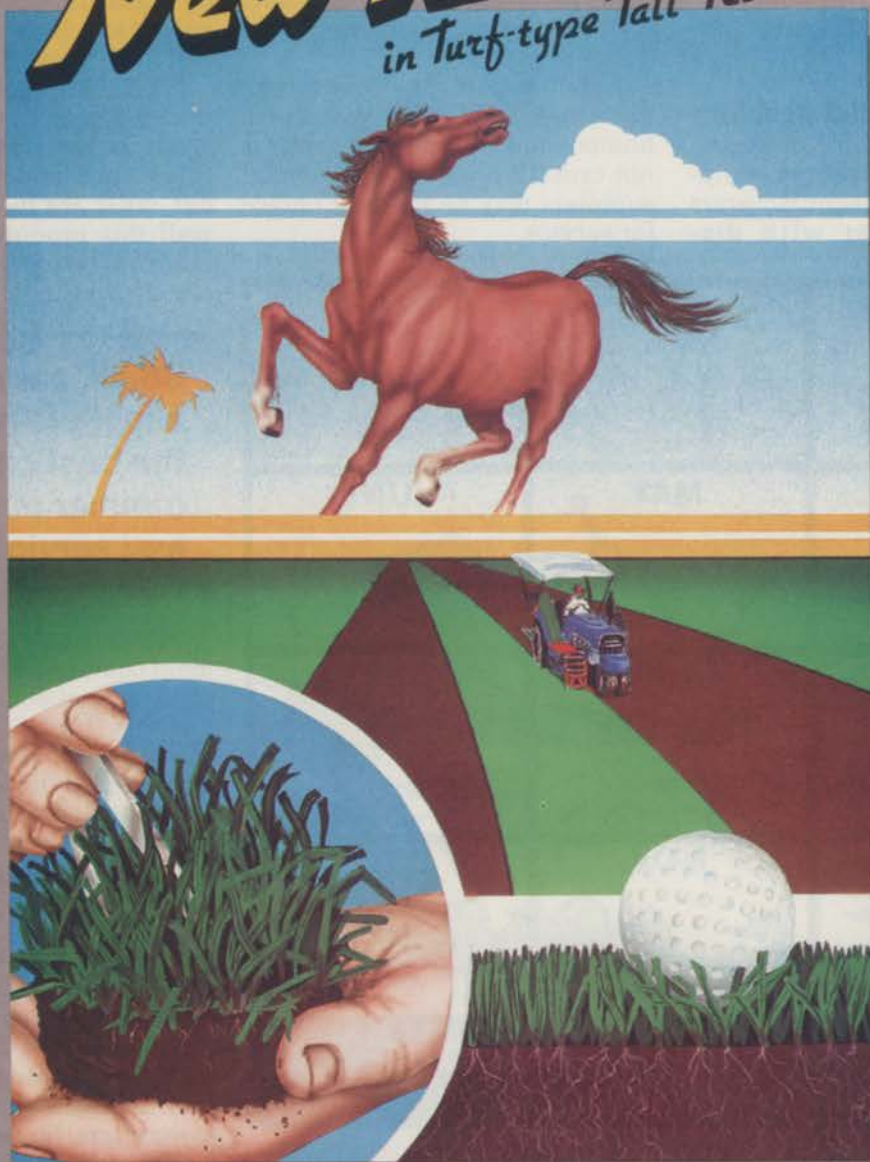
New design features abound in the Walker Manufacturing Co. mower. It has a 6.7-bushel grass catcher and an oscillating delivery spout to pack the catcher full, even when mowing long/wet grass. Walker has added a 42-in. rear discharge deck to fit on the basic tractor. A Honda G400 industrial engine powers the mower, and is designed for long life and reliable performance.

Circle No. 213 on Reader Inquiry Card

New applicator line for lawn care pros

The GN600 lawn care applicator from Great Northern Equipment Co. is designed for the special needs of lawn care professionals. It handles 600 gallons in a stainless steel tank, for 200,000 sq.-ft. of coverage per load. It can be mounted on existing chassis, or ordered on a one-ton Ford diesel truck. The applicator, and others in the line with capacities to 1,600 gallons, feature pump-on and pump-off valve system, screens before pump and hose reel assembly, full metal cat-

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are beginning to see a switch as repeat buyers trade up from electrics to bigger electric and gasoline models."

Service a potential problem

Since trimmers are a low-dollar, low priority item for some equipment distributors, manufacturers must work closer with dis-

tributors. "A trimmer with a \$300 price tag can get lost in a distributor's catalog," says Nathan. "We have to be highly selective about distributors because so many of the big-name distributors concentrate on big-name, high-dollar products."

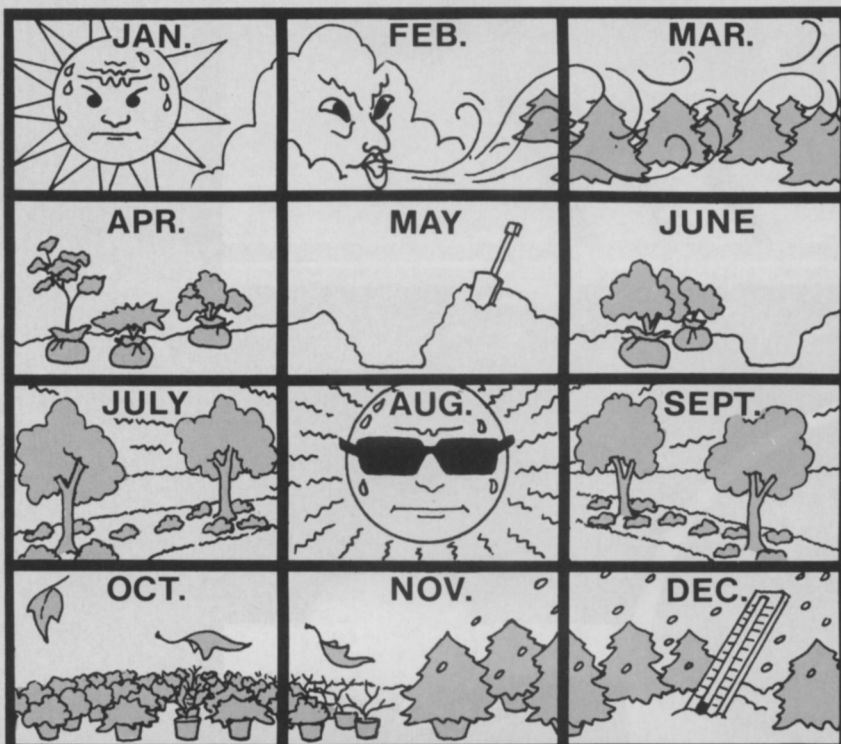
Retail outlets may operate under the assumption you are a homeowner and speed of repair is not crucial. Smaller, commercial suppliers may be the best choice for service.

Attachments increase

The original powered trimmers had fixed heads, either leather or nylon lines and brush cutting blades. Today, heads are interchangeable and include small cultivators, blowers, edger blades, and even snow shovels.

HMC Green Machine introduced an attachment series with a single power unit this spring. "I think once our competitors find out what we're doing and how well this product works, they'll jump on the band wagon as well," says Katherine Takis of HMC.

Small, commercial suppliers may be the best choice for trimmer purchase and service.



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Under stress conditions plants lose more life-giving moisture through the stomata in their leaves than can be absorbed by their roots. FOLICOTE reduces moisture loss by partially blocking stomata, without limiting actual photosynthesis.



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"Historically, power equipment companies have never had a great deal of success with multi-purpose tools," claims Stihl's McGuire. "A few companies are coming out with attachments like little cultivators and snowblowers, but we think the jury is still out for acceptance on these attachments." Stihl was the first to introduce a free-swinging plastic blade head that permits cutting of tough weeds without severe damage to trees or other objects.

Engines now have solid state ignition, improved air filtration, fuel injection starting, improved carburetors, larger fuel tanks, and better balance for the operator. Gasoline trimmers weigh from 12 to 20 lbs. with engines ranging from 21cc to 85cc.

Versatility and longer engine life increase the efficiency of the trimmer as a professional landscape maintenance tool. Like trim mowers, you don't expect them to last forever when using them eight hours each day, six days each week. They have a role to play in the market so you build replacement cost into your charges. Chemicals can't eliminate the need for mechanical trimmers. The key is to combine all tools to achieve the greatest efficiency.

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For heavier work, the GT-7 has you covered. With a large payload capacity and steel-strong durability to match any heavy-duty turf truck.

Plus, it's infinitely adaptable to the job at hand. A hydraulic dump, aerator, spreader, sprayer, top dresser, and many other options can be easily added to make your particular task less of a chore.

The gas powered GX-800, GT-7, and the new electric X-500. They're tough, strong and best of all they're from E-Z-GO. Which means there's thirty years of experience engineered into each one. The World's Finest Utility Vehicles For Sports and Industry. **E-Z-GO TEXTRON**

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oxychlor, or Turcam. Borers should be watched, especially on birch, in June. If D-shaped holes are visible on the bark, apply Dursban or other recommended pesticides.

Disease control

To the manager of high-maintenance turf, June is a time to apply preventative materials to problem spots and to keep on top of other susceptible areas. The prime environmental causes of disease should be corrected, including poor drainage, dew, stagnant air, and timing of irrigation.

Since the primary crabgrass germination period is over and preemergence herbicides have completed their usefulness, early June is a good time to aerify disease-prone turf areas.

Michigan State University Pathologist Joe Vargas is now recommending brief daily irrigation (mid-day) to protect beneficial organisms in the thatch and soil, instead of waiting for wilt symptoms before irrigating. Excessive water is a prime cause of turf disease.

The prime summer troublemakers for northern turf managers are Dollar Spot, Brown Patch, Pythium, Fusarium and Anthracnose.

Dollar spot is caused by two fungi and can damage creeping bentgrass and annual bluegrass when temperatures are from 60 to 85 degrees F. Brown patch is a disease of highly-fertilized, cool-season turf during hot, humid days. Cultural controls include limiting nitrogen to one-half pound per thousand square feet per month. Anthracnose attacks mainly annual bluegrass, but also Seaside creeping bent, some fine-

leaf fescues and perennial ryegrasses. Coring reduces anthracnose by encouraging deep rooting and better drainage.

Fusarium blight is a disease of cool-season turf beginning in late June. The frog-eye symptom is now thought to be caused by a combination of three different fungi (Smiley, Cornell). Preventative Fusarium control, such as with Bayleton, should be applied before symptoms appear, no later than mid-June. Pythium may be the worst cool-season turf disease since it kills the entire plant, not just foliage. Moderating fertilization and improving drainage are chief cultural controls.

The prime warm-season turf diseases are Brown Patch, Helminthosporium leaf spot and gray leaf spot. Brown patch is most common on thatchy St. Augustine and zoysia when days are warm and nights are cool. It can also attack bermudagrass and ryegrass. Helminthosporium leaf spot (melting out) is discovered on bermudagrass, ryegrass, and to a lesser extent centipede and St. Augustine, when temperatures range from 70 to 95 degrees F. Gray leaf spot is a problem of St. Augustine in warm, humid weather.

Specific chemical controls will be given in the June Disease Control Guide.

Ornamental diseases, especially on roses, dogwood, azalea, rhododendron, hawthorne, and fruit trees, should be monitored. Problem plants will require treatment every two weeks through the summer. See June Disease Control Guide for details.

Trimming evergreens

Trimming narrow-leaf evergreens can be done in June and July. Up to half of new candle growth can be removed. Shearing for shape and pruning for density should be done in June.

WT&T



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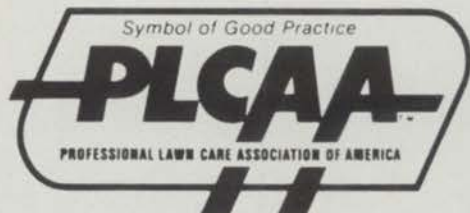
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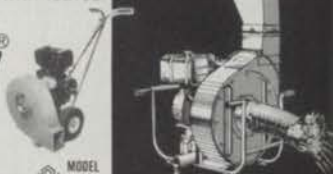
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JUNE

Menninger Flower Tree Conference, June 7-8. Cypress Gardens, FL. Open to individuals interested in tropical and subtropical trees. Topics include plant importation, tree propagation, producing specimen trees, and introducing new species to the trade. Contact Florida Nurserymen and Growers Association, PO Box 16796, Temple Terrace, FL 33687. (813) 985-8511.

Kentucky Cemetery Association Annual Convention, June 9-11. Executive Inn, Louisville, KY. Contact Lewis Tingley, Resthaven Memorial Park, PO Box 18068, Louisville, KY 40218. (502) 491-5950.

Fertilizer Institute Marketing Conference, June 10-13. White Sulfur Springs, WV. Contact Pamela Lucas, The Fertilizer Institute, 1015 18th St. NW, Washington, DC 20036. (202) 861-4900.

Annual Interior Landscape Conference, June 13-16. Registry Hotel, Dallas, TX. Technician's Short Course

on June 13. Topics include Working with Developers, Calculating Costs, Personnel Recruiting and Management, Forecasting and Budgeting, Self-Image and Public Relations. Contact Interior Landscape Div., Associated Landscape Contractors of America, 1750 Old Meadow Rd., McLean, VA 22102. (703) 821-8611.

Minnesota Park Supervisors Annual Equipment Show, June 15. Dred Scott Playfield, Bloomington, MN. Contact Lyle Rude, City of Bloomington, 2215 West Old Shakopee Rd., Bloomington, MN 55431. (612) 881-5811.

Turf Seed Annual Field Day, June 21. Hubbard, OR. A review of turf and seed production trials, as well as turf and forage grass breeding projects. Barbecue follows tour. Contact Turf Seed Inc., 77 West G St., Hubbard, OR (503) 981-9571.

University of Massachusetts Turf Field Day, June 27. South Deerfield, MA. Contact University of Massachusetts, Dept. of Plant and Soil Science, Stockbridge Hall, Amherst, MA

01003. (413) 545-2353.

JULY

American Association of Nurserymen Annual Conference, July 14-18. San Antonio, TX. 109th convention will be addressed by Lady Bird Johnson. Includes meetings by National Landscape Association, Garden Centers of America, and Wholesale Nursery Growers. Contact AAN, 1250 I Street, NW, Suite 500, Washington, D.C. 20005. (202) 789-2900.

American Sod Producers Association Summer Convention and Field Days, July 24-26. Olympia Spa and Resort, Oconomowoc, WI. Contact Doug Fender, ASPA, 4415 W. Harrison St., Hillside, IL 60162. (312) 449-2844.

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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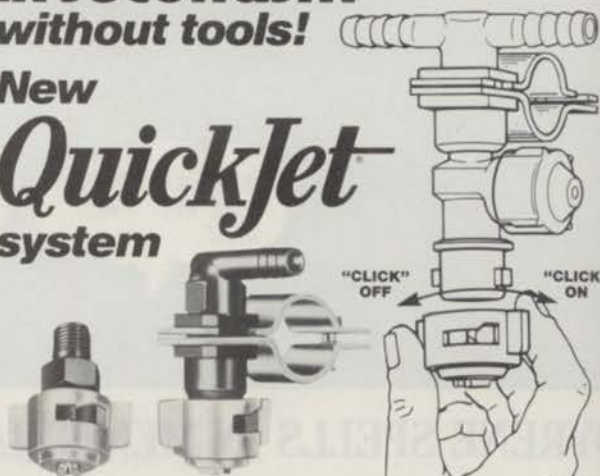
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