You can worry about turf problems caused by too much or too little water, or you can use AQUA-GRO, the water management tool. AQUA-GRO is a blend of non-ionic organic wetting agents, 100% active ingredient with residual effectiveness in all soils.

**AQUA-GRO ELIMINATES LOCALIZED DRY SPOTS...AND COMPACTION.**

AQUA-GRO is the specially formulated wetting agent that reduces water surface tension ensuring faster, more uniform penetration and drainage, through hard-to-wet soils and thatch.

AQUA-GRO also relieves compaction by improving water penetration, drainage and aeration in high traffic areas. There's less need to aerify, or resort to costly rebuilding.

**AQUA-GRO INCREASES FERTILIZER AND PESTICIDE ACTIVITY.**

You get more from your turf chemical investment with AQUA-GRO. Turf chemicals are uniformly distributed throughout AQUA-GRO treated soils, so chemicals are used by plants more efficiently. And AQUA-GRO helps turf chemicals penetrate thatch.

**AQUA-GRO REDUCES WATERING COSTS 30-50%.**

AQUA-GRO reduces irrigation costs, because water is used more efficiently. There's less run-off and less evaporation...you use less water, plants get more. AQUA-GRO helps you get your turf through the hottest weather. And AQUA-GRO lasts, because it won't leach.

Let AQUA-GRO relieve your tension. Available in liquid concentrate or spreadable granular formulations from your AQUA-GRO distributor.

For free illustrated brochure and more information call TOLL FREE 800-257-7797; in N.J. 609-665-1130.

Circle No. 103 on Reader Inquiry Card

AUGUST 1985/WEEDS TREES & TURF 61
"A Guide to Landscape Management"

Your complete guide to herbicides and fungicides, designed with the turfgrass manager in mind and sponsored by ELANCO PRODUCTS CO.

Published exclusively by Weeds, Trees & Turf magazine as an 18-page supplement to its September issue, "A Guide to Landscape Management" promises to be a handy reference you'll want to keep.

The science of landscape management today is more planning ahead than reaction. With new technology, the landscape manager—nurseryman, golf course superintendent, landscape contractor, chemical lawn care applicator—must establish new standards by which to compare products.

"A Guide to Landscape Management" will help you more effectively select the right materials to make your job easier. A cooperative effort by the staff at ELANCO and the editorial staff of Weeds, Trees & Turf, this special supplement will get you started toward better-looking landscapes.

Look for it next month when your regular issue of Weeds, Trees & Turf arrives.
Announcing a major new industry event!

Landscape Exposition

March 5-7, 1986 Valley Forge Convention Center
Valley Forge, Pennsylvania

Finally, you can catch the entire lawn care and landscape industry at one exciting show. The new Landscape Exposition will bring together the largest group of landscape/lawn care professionals and suppliers of products and equipment ever assembled in one place. At least 17 markets will be represented!

The Landscape Exposition is being held at the brand new Valley Forge Convention Center in Valley Forge, Pennsylvania, a suburb of Philadelphia. This fine center offers you many advantages including free parking, non-union staff, fantastic hotel facilities, and easy access from major highways and airports.

This exciting show has the enthusiastic support of the Professional Grounds Management Association, Associated Landscape Contractors of America, and Sports Turf Managers Association, and other professional groups. It is sponsored by Weeds, Trees and Turf and Lawn Care Industry magazines. And it is managed and promoted by HBJ Expositions & Conferences, a division of Harcourt Brace Jovanovich.

Make sales ... find new sales leads ... keep on top of the competition ... see all the newest products and equipment ... share ideas with your peers. Don’t miss the largest and most comprehensive landscape show ever!

Plan now to attend or exhibit:

Landscape Exposition
P.O. Box 5555, 50 Washington Street, Norwalk, CT 06854
Phone: (203) 853-0400 (800) 243-2815

YES! I'M INTERESTED!
Please send me, at no cost or obligation, an
☐ Exhibitor’s prospectus and application
☐ Attendee’s information package
National unveils new reel; improves triplex

An out-front reel mower, the Model 30FTN, is National’s latest turf maintenance offering. Individual wheel clutches located at the hand grips, adjustable handlebars, and hand-operated height adjustment are highlighted on this mower. Front caster wheels and pneumatic turf tires add to its maneuverability. It is powered by a 5-hp Briggs & Stratton engine.

National’s “flagship” Model 84 Triplex reel mower sports recent improvements also. The 84 is available with a 12-hp Kohler electric-start engine or a 10-hp Briggs & Stratton. New and common to both is a foot-operated disc brake. New also on the Kohler-equipped model is a 3-gallon gas tank behind the engine for improved operating visibility. A dashboard shows a voltmeter, hourmeter, and remote choke lever. The engine is protected by a sturdy bumper.

With either engine-equipped Model 84, five or six-bladed reels are available, bushing or Timken rollers, and a high speed reel kit.

New Delivery Vehicle by Cushman stronger

The new OMC-built 22 hp engine gives the 1985 Cushman Delivery Vehicle better performance and more punch for steep grades. The new engine replaces the previous 18 hp model.

The 3-wheel on-road Delivery Vehicle can haul 1,200 lbs., with more than 60 cu. ft. of covered cargo space and a top speed of 39 mph. It can be turned in an outside clearance circle of 17 feet. Also available is a 4-wheel version, the 458 Delivery Vehicle for off-road use with a rated capacity of 1,400 lbs. and a top speed of 29 mph.

Both vehicles come with headlights, turn signals, stoplight/flashers, and hydraulic brakes on all wheels.

TOUGH STUFF

The Professionals from Center Plains Industries have the muscle to keep your turf lush, green and healthy. Our premium fertilizers are available throughout the Southwest and irrigated Great Plains.

ZIPP® is a water soluble blend of Zinc, Iron and Polyphosphate readily available to the growing plant. Used throughout the growing season.

ULTRA TURF® is a homogeneous fertilizer with all the essentials for vigorous plant growth, including nitrogen, phosphorous, potassium, sulphur, zinc and iron—all present in uniform quantities in each pellet for even distribution. Well suited for late fall or early spring.

It takes a tough product to tackle the big jobs. Trust The Professionals at Center Plains Industries. We have what it takes.

Circle No. 190 on Reader Inquiry Card

Circle No. 191 on Reader Inquiry Card

Circle No. 192 on Reader Inquiry Card

Circle No. 106 on Reader Inquiry Card
Jake hydraulic lift frame cuts mowing costs

Jacobsen introduces a new hydraulic ram lift frame for gang mowing. With gangs raised, the new 5/7's Ram Lift Ranger has a road width of just under 8 ft., allowing transport to remote mowing sites at speeds up to 20 mph behind any utility tractor.

The company points to golf courses, park and school districts, and contract mowing of large turf areas as applications where higher transport speed translates to more economical operation.

When all seven gang mowers are lowered, the 5/7's 15 ft. swath cuts more than 70 acres per shift. Six or five-gang configurations can be used in tighter mowing areas.

The 5/7's electric solenoid valve for lifting gangs permits use with any tractor. Lift controls are operated from the tractor seat.

Circle No. 193 on Reader Inquiry Card

Tye makes a planter for gardens, small areas

Tye introduces a planter/seeder that can be pulled with most lawn and garden tractors, and three and four-wheel ATV's.

The unit, the Estate Planter, features seed metering for planting in rows 6, 8, or 10 inches apart. Seed is placed into the seed furrow behind a single 12-inch opening disc. Drag chains behind each opener cover and smooth the seeding.

The Estate Planter plants seeds...
Productive Sweeper

Backed by best warranty ever: 2 years or 2,000 hours. TENNANT® 360 offers unmatched pick-up, dust-free sweeping, and reduced dumping times. It is 50% faster and has 41% more useable hopper space than comparable units. Quiet operation: 82 to 83 dBA. Free video training for operator. Ask for a free demonstration.

CALL TOLL FREE: 800-328-5727 EXT. 768K

"World's largest" roto tiller debuts

The Seaman-Maxon Company introduces what it claims to be "the world's largest roto-tiller."

The mixing unit is mounted on a 143-hp International Harvester hydrostatic tractor. The tiller can mix up to 12 inches deep in 1/2-in. increments at a full width of 7 feet, the company says.

ROCKHOUND

ROCKHOUND TEACHES
THE ABC'S OF GROUND PREPARATION

A SERIES ROCKHOUND

Dumping
Skid Steer Mount (hydraulic)
3 Point Mount

B SERIES ROCKHOUND

Open bottom—PTO Drive. Rocks are raked to a convenient window for later pickup.

COST EFFECTIVE ROCKHOUNDS

Rake and collect rocks and surface debris, leaving the soil in a fluffy, level, seed-bed quality condition.

It does not cost to own a Rockhound... IT PAYS!

1-800-426-5615
KEM ENTERPRISES, INC. 2309-A So. Tacoma Way, Tacoma, WA 98409

The Holekey Pokey

(SEAT HARDNESS GAUGE)

• Designed to help determine best time to aerate.
• Colored dial easily read for good, fair, and poor aerating conditions.
• Depth gauge for more accurate reading.

An invaluable tool for the lawn care personnel aerating home lawns, it can be used for many other applications. For more information, please write:
Terracare Products Co., Inc.
P.O. Box 506-Pardeevillle, WI 53954
Phone 608-429-3402
CLASSIFIEDS

BUSINESS OPPORTUNITIES

WANT TO BUY OR SELL a golf course? Exclusively golf course transactions and appraisals. Ask for our catalog. McKay Golf and Country Club Properties, 15485 N. East Street, Lansing, Michigan 48906. Phone (517) 484-7726. TF

HELP WANTED

CAREER OPPORTUNITIES. ChemLawn is now accepting applications for the positions of Lawn Specialist in our expanding Florida markets. Join the Nation's Leader in Lawn Care. Send resume to WTT Box 362.

LAWN CARE MANAGER—A commercial and retail lawn care company in Pennsylvania is seeking a key management person. We need a motivated, personable self-starter. This person must have comprehensive lawn care and business skills—excellent compensation package offered. Please send resume to WTT Box 364.

SALES PROFESSIONAL to the Green Industry for Eastern market expansion; a sales professional with 2 years experience selling to lawn care, landscape and arborist firms. Must have work knowledge of the business, as well as customer needs. Excellent compensation package offered. Please send resume to WTT Box 363.

ROADS AND GROUNDS SUPERVISOR—Harper College is seeking an individual to supervise our Roads and Grounds Department. The individual will be responsible for the supervision of landscaping, planting, pruning, vegetation control, road maintenance and snow removal on a 200 acre campus. Horticulture or related degree preferred with three to five years experience in landscape supervision. This 12 month position offers an excellent benefit program including free tuition. If interested, please send resume and salary history to: William Rainey Harper College, Personnel Department, Algonquin & Roselle Roads, Palatine, Illinois 60067. EQUAL OPPORTUNITY EMPLOYER M/F. TF

Brouwer Turf Equipment, a major turf equipment manufacturer has openings for two district sales representatives with 2 years experience selling to lawn care, landscape and arborist firms. Must have work knowledge of the business, as well as customer needs. Excellent compensation package offered. Please send resume in confidence to WTT Box 3567, Vail, CO 81658. 8/85

OPERATIONS MANAGER—Grounds maintenance firm in Florida is seeking an individual to manage and direct the lawn maintenance division. Previous experience in multi-crew organization, knowledge of equipment, chemical programs and ornamentals a must. Strong people and management skills. Mail resume to: Personnel Dept., P.O. Box 16123, Clearwater, FL 34279. 8/85

FOR SALE

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. 95.50. ArborNomics, Inc., 5634-A Buford Highway, Atlanta, Georgia 30307. (404) 447-6037. TF

Heston SP10 modified straw blower, PTO powered. Blows stacks, cubes, small square and round bales, Days (319) 355-8313. Nights: (319) 326-5780 CST. 8/85

BULK LANDSCAPE MATERIALS HIGHEST QUALITY “LOWEST PRICES” DELIVERED WITHIN 48 HRS. THROUGHOUT CALIF. CALL FLORI BUNDA (209) 962-7040 OR WEST COAST MATERIALS, INC. (209) 847-3053. 9/85

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) 753-2258. TF

HYDROSEEDER, 1,000 gallon Bowie, skid mounted, 1976 model, used very little, mint condition. $10,500.00. (513) 667-1346. 8/85

HYDROSEEDER, 1,000 gallon Bowie, skid mounted, 1976 model, used very little, mint condition. $10,500.00. (513) 667-1346. 8/85

HYDROSEEDER, 1,000 gallon Bowie, skid mounted, 1976 model, used very little, mint condition. $10,500.00. (513) 667-1346. 8/85

LAWN CARE BUSINESS FOR SALE—Long Island, N.Y. Over 600 lawn accounts and 100 tree spray accounts. 120,000 to 135,000 gross. Very profitable. Good equipment, and healthy growth every year. Please reply to WTT Box 365. 8/85

BUCKET TRUCK, SPRAYER 1000 gallon FMC V65 Wisconsin 60 GPM $9,800.00; 1970 GMC 50 skyworker chip box $10,800.00; John Deere 4020 Tractor with Royer Woodman Land Clearer $15,900.00. Toledo, Ohio (419) 865-7071. 8/85

SOD FARM. 18 acre producing farm complete with equipment, beautiful country home and barn. Established 1972 and has produced the area’s finest sod. 20 minutes from downtown Indianapolis. Call 317-769-3230. 8/85

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

LOCKE MAXI 2, only 50 hours use. Hydrostatic drive, 90-inch reel cut, 16 hp gas, electric start with sulky. $3,000. Call Ken Erman or Tom Sprague. 216-243-8100. 7/85

Top soil screener. 8' x 8'. Screens your top soil or dirt using your front loader. Solid built design, no moving parts. (216)799-9725. 9/85

USED EQUIPMENT


NEW AND USED EQUIPMENT—Asplundh, Hi Ranger and Lift-all forestry bucket trucks, Chipmore wood chippers. Mirk, Inc., (216) 693-3567, (216) 699-3562, 7629 Chippewa Road, Orrville, Ohio 44667. TF

USED EQUIPMENT—JACOBSEN MODEL 524 AERATOR AND SEEDER USED 5 HRS. LIKE NEW. NEWCALL: HEADINGS, INC. (717) 898-8591. 8/85

Used equipment including: Vermeer tree spade 66, TS 44. Asplundh bucket and brush chippers, Bean sprayer, 9ton trailer. Parkway Tree Service, 12026 W. Cherry, Wauwatosa, Wisconsin 53226. (414) 767-1555. TF

OLATHE TURF & TREE

MODEL 83 AERO THATCH MODEL 93 SEEDER

PTO Driven

48" Swath Adjustable flow rate

OLATHE MANUFACTURING, INC.
100 INDUS. PKWY. INDUS. AIRPORT, KS 66031
913-782-4396
800-255-6438

Olathe Circle No. 130 on Reader Inquiry Card

AUGUST 1985/WEEDS TREES & TURF

69
Finn Highway Mulch Spreader, $8,000. Vermeer TS-68 on tandem, all-wheel drive truck, $12,000. (312) 438-5101. 8/85

TREE TRIMMING EQUIPMENT—Aerial basket trucks with chip boxes and chippers (1970-1975). Priced to sell—offers accepted. Call (218) 724-7622, or write ATS, P.O. Box 3280, Duluth, MN 55803. TF


TREE TRIMMING EQUIPMENT—Aerial basket trucks with chip boxes and chippers (1970-1975). Priced to sell—offers accepted Call (218) 724-7622, or write ATS, P.O. Box 3280, Duluth, MN 55803 TF

BUCKET TRUCKS, straight stick, corner mount and knuckle boom cranes. Sprayers, chippers, dump, stakers, log loaders, crew cab chip box dumps, railroad trucks. 50 in stock. Sold as is or reconditioned. Opdyke's, Hatfield (Philadelphia area). 215-721-4444. TF

TRACTOR AND COMBINE. STAINLESS STEEL, LIKE NEW. DISPERSES LIQUIDS, SOLID CHEMICALS, SEEDS, AERATES AND ROLLS. INCLUDES TRACTORS, TRAILERS, PLUS MANY SPARE PARTS. FITS THRU ANY STANDARD GATE. ALSO PORTABLE AERATOR. WRITE: P.O. BOX 44, WINCHESTER, MA 01880, OR CALL (617) 245-1476. 7/85

FMC 200 gal skid (pickup) sprayer with 1010 pump. Kohler engine. Hannay reel, Biddle Lawn Care. Savoy, IL (217) 359-7012 $1600 OOF ask for Dick 8/85

WANTED

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

WANTED

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

EDUCATIONAL OPPORTUNITIES

LEARN GOLF COURSE SUPERINTENDING, PARK SUPERVISION, IRRIGATION MANAGEMENT, LANDSCAPE CONTRACTING, FULLY ACCREDITED, VA APPROVED. EXPANDED FACULTY AND FACILITIES; MAJOR ONGOING TURFGRASS RESEARCH PROJECT. MANY JOB PLACEMENT OPPORTUNITIES. FOR INFORMATION CONTACT: DEPARTMENT OF GOLF COURSE OPERATIONS LANDSCAPE TECHNOLOGY; WESTERN TEXAS COLLEGE, SNYDER, TEXAS 79549 9/85

BIRCHMEIER

Back Pack Sprayers are renowned for their long life. But that's just one of our features. Look at some others:

- **Quality** - precision components of the best materials.
- **Accessible** - pump assembly is external to minimize contact with corrosive liquid.
- **Simple** - no tools necessary to disassemble for cleaning or repair.
- **Comfortable** - lightweight construction designed for the comfort of the user.

**TREBOR CORPORATION**

4045-A Jonesboro Road
Forest Park, GA 30050
Telex 759-353

Circle No. 131 on Reader Inquiry Card

**Olathe “CLEAN SWEEP” TURF SWEEPERS**

MODEL 54 HIGH LIFT LARGE AREA SWEEPER SWEEPS A 5 FT. SWATH AND COLLECTS 3 CUBIC YARDS OF LEAVES, GRASS AND DEBRIS.

P.T.O. and Tow Type Available

MAKE A "CLEAN SWEEP" in '85 with an Olathe Sweeper.

OLATHE MANUFACTURING, INC.

100 INDUSTRIAL PARKWAY, INDUSTRIAL AIRPORT, KS 66031

Circle No. 131 on Reader Inquiry Card

**BIRCHMEIER**

Back Pack Sprayers are renowned for their long life. But that's just one of our features. Look at some others:

- **Quality** - precision components of the best materials.
- **Accessible** - pump assembly is external to minimize contact with corrosive liquid.
- **Simple** - no tools necessary to disassemble for cleaning or repair.
- **Comfortable** - lightweight construction designed for the comfort of the user.

**TREBOR CORPORATION**

4045-A Jonesboro Road
Forest Park, GA 30050
Telex 759-353

Circle No. 143 on Reader Inquiry Card