

TECHNICAL REFERENCES

for Landscape Professionals



Interior Landscape Design

by Nelson Hammer, ASLA

LSM-BK-800\$65.00

This reference discusses the basic principles of interior landscape design and covers such topics as tree planting, designing large

planting beds, balcony plantings, cost estimation, natural and electric lighting, irrigation and more. Particularly useful to those in the field are five case studies which demonstrate design and construction processes for an interior landscape project. 288 pages, hardcover.



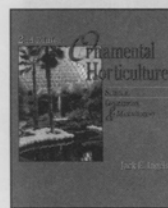
Landscape Architecture A Manual of Site Planning and Design

by John Ormsbee Simonds

LSM-BK-803\$73.00

Written for landscape architects, architects, planners

and engineers, this book features descriptions of proven procedures, includes useful charts, tables, checklists and teaching diagrams, and offers innovative ideas and fresh thoughts of direct application in the design studio, drafting room and field. 331 pages, hardcover.



Ornamental Horticulture Science, Operations & Management 2nd Edition

by Jack E. Ingels

LSM-BK-807\$40.95

Offering a balanced study of ornamental horticulture as an applied science, a craft, a profession and a business, this introductory text reviews plant structure, the role of soil, the plant classification system, growth regulators, reproduction, and pests and their control. Floral design; the interior use of plants; landscape design, installation and maintenance; turf selection, establishment and maintenance; and techniques of plant propagation are also examined, along with the floriculture, nursery and landscape industries, greenhouse and nursery production techniques and business considerations. 554 pages, hardcover.



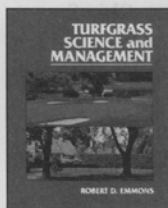
Urban Trees A Guide for Selection, Maintenance, and Master Planning

by Leonard J. Phillips, Jr.

LSM-BK-801\$37.00

This complete guide to urban tree care and planning covers

everything from new methodologies for cataloging existing trees to selecting the right species for your climate and site to running a high-power, cost-saving maintenance program and much more. Landscape architects, urban foresters, municipal administrators and students will learn how to develop effective municipal street tree master plans, take street tree inventory, choose the best trees for a community, care for trees and promote public awareness. 273 pages, hardcover.



Turfgrass Science and Management

by Robert D. Emmons

LSM-BK-805\$37.50

Intended for turfgrass managers and students, this text discusses the establishment and maintenance practices used by successful turfgrass managers

and reviews relevant scientific theory as well as practical management skills. 451 pages, hardcover.

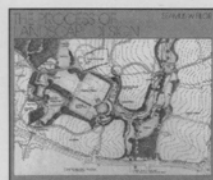


Landscape Plants Their identification, Culture, and Use

by Ferrell M. Bridwell

LSM-BK-808\$49.95

The text is invaluable in assisting students, nursery workers, landscape architects, educators and others in identifying landscape plants. More than 450 ground covers, vines, shrubs, trees, grasses, palms and bamboos are depicted in full color with physical descriptions, geographic growth zone information, pest problem data and other details. 560 pages, hardcover.



The Process of Landscape Design

by Seamus W. Filor

LSM-BK-802\$40.00

Five completed projects

illustrate the general principles followed by landscape architects in developing designs from concept to implementation. Each case includes a summary of the principles which generated the design; a study of the architect's response to special conditions; a description of the stages of development; and an assessment of performance since completion. The five projects cover: landscape planning, urban regeneration, new town development, university campus and recreational development. 160 pages, hardcover.

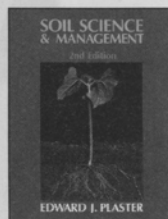


Landscaping Principles & Practices 4th edition

by Jack E. Ingels

LSM-BK-806\$29.95

This introductory text leads the landscaping student from the basic principles of landscape design and graphics, through methods of installation and maintenance, to the business methods of beginning the business, bidding and cost estimating. 401 pages, hardcover.



Soil Science & Management Second Edition

by Edward J. Plaster

LSM-BK-804\$39.95

This text introduces the reader to the soil and water resources

of the United States, presents soil science theory as it applies to soil use by the grower, shows how soil is used by farmers and horticulturists, and covers the basics of soil and water conservation. An instructor's guide, summaries of each chapter and review questions are provided. 514 pages, hardcover.



Managing Turfgrass Pests

by Thomas L. Watschke, Peter H. Demoaden & David J. Shetlar

LSM-BK-766\$69.95

Emphasizing the philosophy of minimizing pests through well-defined and organized cultural practices, this book contains specific recommendations for a number of pests. Turfgrass weeds, diseases, insects, invertebrates and vertebrates are described and cultural, biological, mechanical and chemical solutions are provided. 361 pages, hardcover.

Call 1-800-598-6008 • Outside the U.S. call 216-826-2839

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Dr. Rebecca Johnson doesn't think peoples' memories provide accurate data for 2,4-D/illness studies.

CANCER from page 30

(Agreement 50 percent of the time would occur just by guessing.)

"A lot of people reported using 2,4-D when, in fact, they had not used it," she says.

"We shouldn't be doing the types of studies we have been doing where we're relying on people to recall from memory what pesticides they used over a number of years," she said. Johnson is assistant professor in the Department of Occupational and Environmental Health at the University of Minnesota.

Dow epidemiologist Dr. Geary W. Olsen is also critical of three prior NCI studies (Kansas, then Nebraska, and finally farm workers in Iowa/Minnesota), and also a canine study that linked 2,4-D exposure with cancers.

The findings of these studies—all relying on peoples' or proxies' memories—are contradicted by a Canadian study. That study followed the health of some Canadian farmers and their exposures from 1970 to 1985. Actually, it showed the farmers' cancer death rate being lower than the general population, notes Olsen.

The link between pesticides and farmer health is being investigated by yet another NCI study, the Agricultural Health Study, that will monitor the health of about than 110,000 farmers and their families in North Carolina and Iowa for the next 10 years.

"I think it will really dominate what's going to happen policy-wise with pesticides and epidemiology," says Olsen.

—R.H.

Rave reviews for sterilized manure soil amendment

by James E. Guyette,
Contributing Editor

JACKSON, Ohio—A soil amendment made from steam-sterilized horse manure is drawing praise from landscapers.

Known as Nea's Organic Compost or Nea's Posey Power (depending on the packaging), the manure first decomposes outdoors for 30 days. Weed seeds are then eliminated by steam sterilization. Additives include brewer's grain, gypsum, peat moss and lime.

The 80-day composting process is monitored by state-of-the-art computerized controls, according to Nea Henry, who is president of the southeastern Ohio firm.

"We came up with our own entire process, and it worked," she recalls. "The procedures are very exact."

The product, which contains no chemicals, has a number of applications, according to Henry:

- it rebuilds worn out soil;
- acts as a fertilizer;
- holds moisture during drought conditions;
- adds micro-organisms;
- breaks down clay soil;
- adds organic humus and builds up sandy soil.

At Ohio University in Athens, it was used to rebuild the athletic fields and golf greens. The product also was applied as a topdressing for new and established lawns and flower beds, plus it was used as a mulch around shrubs in the spring.

"We would highly recommend Nea's Organic Compost to anyone in this field," says Daniel H. Stright, OU's director of grounds maintenance.

Nea's "improves the structure of the soil remarkably and allows for better water-holding capacity and better air penetration in the clay soils we have in this area," he notes.

"This organic compost has the added value of being weed-free, and it is much cheaper than oak bark mulch," says Stright. He adds that the product is neutral as opposed to the bark's acid qualities.

"We have had many favorable comments on the fields, lawns and flower beds where the material has

been applied," Stright notes.

"Another great feature is the moisture-holding capacity," says Dave Junka, curator of the Franklin Park Conservatory and Garden Center in Columbus. "The same plants in beds without the compost required much more frequent waterings," he reports.

The Ohio Department of Natural Resources uses the mixture for its wild-flower program and for reclaiming old strip mines. The AmeriFlora exhibit in Columbus added Nea's to its blended soils.

Pricing varies according to market-place. (A topdressing spreader custom-designed for the product sells for \$250.) Henry will deliver via dump truck and semi-load within 400 miles. Otherwise it's shipped in 30-pound bags.

Nea's compost was born in the mushroom industry. When she used the product on her father's crop, the yield was 6 lbs./sq.ft. when the national average for mushroom growing was just 1.79 lbs./sq.ft. Campbell's Soup was so impressed that it bought the company, but Henry kept the "super mix" patent.

It's hard to think of horse manure as high tech, but the conversion process also reduces the smell. The air used during processing is filtered just like in hospitals. The humidity, barometric pressure and temperature is continuously controlled.

For more information: NEA Inc., P.O. Box 706, Jackson, OH 45640; phone (614) 286-1322.



Nea Henry says precision measurement plays a part in every batch of Posey Power compost.



Not Just Another Member Of The Chain Gang.

THE ECHO CS-3000 CHAIN SAW.

It's been called the finest top handle chain saw ever built. And landscapers, tree service specialists and utility maintenance crews everywhere seem to agree.

The tough, durable Echo 30.1 cc 2-stroke engine is lighter (just 7.2 lbs. without bar & chain), more efficient and develops more power at high rpms than ordinary reed valve engines. In fact, other saws may

require as much as 30% more displacement to match the power of this lightweight design.

The CS-3000 also has Echo's Pro-Fire® Electronic Ignition and purge pump-equipped carburetor for quick starts. Plus an exclusive vibration reduction system for more comfortable operation. A 12" bar and chain are standard. Optional 14" and 16" bars are available.

Find out how rugged and powerful a lightweight, top handle saw can be. For your nearest Echo dealer, call 1-800-432-ECHO (3246). Or write: Echo Incorporated, 400 Oakwood Road, Lake Zurich, IL 60047.

ECHO
Ask Any Pro!

Free movies and popcorn from LM at this year's Expo

LOUISVILLE, Ky.—The Premiere Video Theatre, sponsored by LANDSCAPE MANAGEMENT magazine, promises to be a big draw at this year's Expo '95 here July 30-Aug. 1.

The video theater will provide an opportunity for visitors to the show to see the latest innovations of selected exhibitors in a movie theater setting. Training and promotional videos will be shown in the East Hall of the Kentucky Exposition Center, and complimentary popcorn will be available.

Expo is sponsored annually by the Outdoor Power Equipment Institute. About 25,000 dealers, retailers, commercial end-users (including those in the green industry), rental equipment dealers, distributors, mass merchants, manufacturers' reps and exhibitors are expected to visit. They will come from the U.S. and 60 other countries.

Indoor exhibits are expected to cover 250,000 sq. ft. with an additional 560,000 sq. ft. of outdoor demonstration area.

Products on display will include powered and non-powered outdoor products for consumer, commercial and rental use.

Featured speaker is football legend Paul

Hornung, at the Early Bird Buffet Dinner, Saturday, July 29. Tickets to the buffet are \$28.50 each. To order, call (202) 775-8605 or write OPEEA, 1726 M St., NW, Washington, DC 20036.

Also available are tickets to Monday night's dinner concert starring Lorrie

INTERNATIONAL LAWN, GARDEN & POWER EQUIPMENT EXPO95 JULY 30 – AUGUST 1, 1995

Morgan and Three Dog Night. They cost \$35 per person.

Pre-registration to Expo '95 is free, but on-site registration is \$20. Phone (800) 558-8767. In Kentucky or outside of the U.S., phone (502) 562-1962. Fax number is (502) 562-1970.

An abbreviated schedule of events:

Saturday, July 29

3-5 p.m. - TSDA panel discussion
4:30-6 p.m. - Exhibitor reception
6-9 p.m. - Early Bird Buffet (Paul Hornung)

Sunday, July 30

8:30-10:30 a.m. and 2-4 p.m. - REAP seminars
11 a.m.-5 p.m. - Broadmoor Gardens & Conservatory tour
1-5 p.m. - Kentucky Derby Museum tour
2-3:30 p.m. - PLUS seminar
4-5:15 p.m. - International seminar
5-6:30 p.m. - Reception for exporters and international visitors

Monday, July 31

8-8:30 a.m. - Continental breakfast
8-10:30 a.m. and 2:30-4 p.m. - Free seminars
9 a.m.-4 p.m. - Shakertown tour
11 a.m.-2 p.m. - Star of Louisville luncheon cruise
Noon-2:30 p.m. - REAP seminars
2-2:30 p.m. - PLUS seminar
3-5 p.m. - NEADA's OPE Dealer Council meeting
4 p.m. - Treasure Hunt drawing
4-5:15 p.m. - Reception for rental seminar attendees
4:45-5 p.m. - Ultimate Garden Tool Giveaway
6-9:30 p.m. Expo dinner and Lorrie Morgan & Three Dog Night concert

Tuesday, Aug. 1

8-8:30 a.m. - Seminar breakfast
8:30-10:30 a.m. - PLUS seminars
8:30-10:30 a.m. - REAP seminars
9-11 a.m. - Free seminars: "Gardening in America" and "The 1990s Gardening Boom" study results

Oklahoma explosion causes fertilizer frenzy

by Terry McIver,
Managing Editor

WASHINGTON—The Federal Building explosion in Oklahoma City on April 19 resulted in questions being asked about the content and availability of "fertilizer," after it was reported that a truck full of the stuff was used in the explosion.

"You wouldn't believe it," says Ron Phillips, spokesman for The Fertilizer Institute, to describe the number of calls and questions he's received.

Much of Phillips' time has been used to explain the difference between the fertilizer that can be used in explosive charges and the kind that's used in agriculture.

According to a fact sheet distributed by the Institute, the chemical agent triggered in such explosions is ammonium nitrate, which is produced by chemically combining ammonia with nitric acid, followed by

a refining process.

As fertilizer (usually at a rate of 34-0-0), ammonium nitrate is used on wheat, grasses and pastureland, and in no-till cropping systems in the southeastern U.S.

"Fertilizer grade ammonium nitrate is a safe and stable product that will not explode when exposed to heat or fire," explains the Institute. "To use it in an explosive device requires exact mixing with explosive materials in a confined space by persons trained in chemical explosives who are intent on making an explosive device."

Phillips emphasizes that "ammonium nitrate (itself) is not explosive."

The type of fertilizer used in the Oklahoma City explosion is made from industrial grade ammonium nitrate, a low-density product that's produced specifically for blasting purposes, and is, in fact, classified as a blasting agent by the

U.S. Department of Transportation. To be rendered explosive, it must be "sensitized" with fuel oil or other carbon-rich material, and then detonated by heat shock or friction from a booster charge.

According to Phillips, counter-terrorism bills currently under consideration by Congress have required the Bureau of Alcohol, Tobacco and Firearms to try to find ways to make such a common chemical unusable in explosions. The ATF also must determine what kind of controls can and/or should be placed on the sale of ammonium nitrate, one of 60 known oxidizers (chemicals or elements which support combustion).

"We support that study and are cooperating with it," says Phillips.

For more information, contact The Fertilizer Institute at 501 Second St. NE, Washington, DC 20002, or call (202) 675-8250.

SUPPLIERS

CORNER

■ Prices on Bov-A-Mura liquid organic fertilizer will be going down, thanks to **PBI/Gordon's** efforts to build a plant here in the United States. Bov-A-Mura was previously only available by importing from England. "Prices will definitely be going down," says PBI's **Gary Custis**. "All the savings will be passed on to the end-user." The new plant will be constructed in Pittsburg, Kansas, one hour south of PBI/Gordon's Kansas City headquarters.

■ **The Scotts Company**, the official turf care sponsor for the U.S. Youth Soccer Association, will award \$25,000 in college scholarships to U.S.Y.S.A. high school seniors. It will also provide a program to help the association's member organizations improve and maintain their soccer fields.

■ Tom Cook of Oregon State University has been honored with **Seed Research of Oregon's** "Research Excellence" award. Jim Reinertson of Dedham Country and Polo Club in Dedham, Mass. won SRO's "Golf Course Superintendent of the Year" award. Also, SRO is now the official seed supplier for SMA Services Corp., a subsidiary of the Stadium Managers Association.

■ Tony Gustaitis, golf superintendent at Whitmarsh Valley Country Club in Lafayette Hill, Pa., won an expense-paid trip for two to the birthplace of golf—Scotland—from **American Cyanamid** earli-

er this year.

■ **Sandoz Agro** has consolidated its Zoecon product line under the Sandoz Agro name. "[This] is a part of our strategy to become more aggressive and progressive in specialty markets," says **Carl Tanner**, director of marketing for specialty business.

■ **Pennington Seed Co.** recently received \$250,000 from the USDA for damages resulting from illegal actions against the company by the government six years. Because of a government order, Pennington had to destroy 200,000 pounds of its seed. It sought compensation from the government, which refused to pay.

■ **Parker Sweeper's** manufacturing facility has moved from Springfield, Ohio, to Hampshire, Ill., a suburb of Chicago. The new building has 200,000 square feet of manufacturing space, with plans for at least 50,000 more square feet.

■ **Scott Wanzor** of Duluth, Ga., has joined **Aquatrols** as southeast territory sales manager. The University of Georgia grad has more than 18 years of experience in the turf and ornamental market.

■ **Snapper Power Equipment** is introducing a limited number of products into 31 Home Depot stores in Texas. "This move into high-end specialty retailing is just one more step for Snapper in its continuing growth course," says Snapper president and CEO **Jerry Schewiner**.

■ **JaiTire Industries** and the City of Lancaster received the League of California Cities' Helen Putnam Award for Excellence for implementing Rebound Soil Amendment into the city's new athletic fields.

■ **Jim Crockett** is new to the **W.A. Cleary Chemical Corp.** as market development manager, horticulture products. The former ChemLawn employee holds a master of science degree from Auburn University.

■ **Winners of the Rain Bird Golf Division Freedom System Giveaway Contest:** Manuel Delgado, Liano, Calif.; Robert K. Ellis, Vero Beach, Fla.; Doug Falk, Litchfield, Mo.; Howard Hamaoa, Aiea, Hawaii; Larry C. Handle, Paducah, Ky.; Dan Higgins, Winchester, Mass.

■ A group headed by **Dick Cornelius** of Fort Collins, Colo. is new owner of **BlueBird International**, a lawn care equipment manufacturer. He bought the company from **Doug and Bev Zehrung**.

■ **Ernest E. Cook**, co-founder of Hypro Corp., passed away on April 7. He and **Harry J. Sadler** had started the company in 1947 and resigned in 1966.

■ **Garden Way's** new director of product management and research is **Gregory E. Best**; new product managers are **Kevin J. Connolly**, **Paul F. Denimarck** and **Brian E. Miller**; new associate product managers are **Denis J. Bedard** and **Thomas J. Klein**.

INFO-CENTER

Videos and literature for the green industry

EVERYTHING YOU ALWAYS WANT-ED TO KNOW ABOUT...horticulture is available from Timber Press. Its 1995 catalog includes "Trees & Shrubs for Temperate Climates," "Maples of the World," "Hardy Geraniums," "Plants for Groundcover," "Dictionary of Plant Names," and many, many more. To receive the catalog, phone (800) 327-5680.

URBAN PEST MANAGEMENT...The 1995 "Illinois Urban Pest Management Handbook" is now available from the University of Illinois, 67-UR Mumford Hall,

1301 W. Gregory, Dr., Urbana, IL 61801. Included are tips for insect, weed and disease control, pesticide applicator equipment and calibration references. Cost is \$10. You may also phone in your order to (217) 333-2007.

DESIGN PRODUCTS...For a wide range of products used in landscape design, you'll want a copy of LAfile '95. The file and binder is available for \$39.95 plus shipping and handling. It is indexed by product, trade name and company name, and contains information on CAD

and a Buyers Guide. To order, write to: LAfile, 4401 Connecticut Ave., NW, Fifth Floor, Washington, DC 20008-2369 or phone (202) 686-1001.

CREATIVE FINANCE...With the book "How to Finance a Growing Business," you get usable tips from Royce Diener, former CEO of a \$3.1 billion international corporation. Information covered includes: obtaining capital to start a new venture, calculating your need for working and growth capital, borrowing many times the company's worth, and using financial leverage. Price is \$24.95 for the 330-page trade paperback from Merritt Publishing and Nolo Press. To order: write Nolo Press, 1661 Ninth St., Santa Monica, CA 90406-0955 or phone (800) 638-7597.

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PESTICIDE REFERENCE..."The User's Reference Guide to Pesticides" may be the handiest book you'll ever buy. Ag and hort products registered in the U.S. are listed by generic name, followed by the different formulations with their tank-mix, adjuvant and compatibility recommendations. The 200-page reference is priced at \$27.95 and available by writing Thomson Publications, P.O. Box 9335, Fresno, CA 93791 or phoning (209) 435-2163.

WAGES AND BENEFITS...Results of a survey on landscape wages and benefits conducted by the Associated Landscape Contractors of America is now available. For \$45 (\$25 for ALCA members), you can order a book containing all the survey results. Mail your check (plus \$3.50 shipping & handling) to: ALCA, 12200 Sunrise Valley Dr., Suite 150, Reston, VA 22091 or phone (703) 620-6363.

THE EARTH IS FINE!...For a mere \$2.50, you can order a new poster titled "The Earth is Fine!" from the National Anxiety Center, Box 40, Maplewood, NJ 07040. The poster boasts that it is "a guide to bogus environmental claims" from the ozone layer to pesticides, to clean water and endangered species. It also notes that "the EPA is now responsible for generating one-third of all federal regulations."

COMPOST STUFF...The "1995 Compost Organics Buyers Guide" is now available. It is designed to be used by lawn and landscape contractors, garden centers and nursery operators. Contents include information on equipment sources, consulting firms, extension offices, state regulations, site selection, and health and safety precautions. To order, send \$19.95 to Composting News/Buyers Guide, 8383 Mentor Ave., Suite 102, Mentor, OH 44060. For more information, call (216) 255-1454.

NOTES FROM ALL OVER

Now you can become a member

BELTSVILLE, Md.—The National Turfgrass Evaluation Program (NTEP) is now charging a \$30 annual membership fee. Members receive all NTEP reports produced in 1995. Exempt from the fee are university turfgrass faculty members and seed companies that enter grasses into NTEP tests.

Membership fees may be tax-deductible.

For more information, phone national program coordinator Kevin Morris at (301) 504-5125.

ALCA names Landscape Service winner

RESTON, Va.—Ron Kujawa of Kujawa Enterprises Inc., Cudahy, Wis., won the prestigious Landscape Service Award from the Associated Landscape Contractors of America. He was recognized for his extensive service to the green industry via his ALCA leadership positions, for his example as head of a successful landscape contracting company, and for being a co-founder and past president of the Green Industry Exposition.

KEI has been in business since 1970, and has been an ALCA member since 1972

Environmental buys Moss

HOUSTON—Environmental Landscape Services is new owner of the Austin Division of Moss Landscaping.

"With this purchase, we now have 18 trucks, tons of equipment, and 77 professional people with many years of Austin Landscape know-how," notes Environmental president Charles Racusin, who is a member of LANDSCAPE MANAGEMENT's Editorial Advisory Panel.

A.C.R.T. promotes four

KENT, Ohio—Richard E. Abbott has been promoted from president to chairman of the board and chief executive officer of A.C.R.T., an urban and utility forestry firm. Dr. Elizabeth L. Buchanan was promoted to president and chief operating officer and Jeff A. Saltzman was promoted to executive vice president. Vice president Dr. Jay Abercrombie takes over as head of the Biological Services Department from Dr. Buchanan.

GREEN INDUSTRY EVENTS

JULY

12: Landscape and Nursery IPM Workshop, Stockbridge, Mass. Phone: Kathleen Carroll, (413) 545-0895.

13: Southern Illinois Nursery Association Summer Field Day, H.E. Nursery, Litchfield, Ill. Phone: Marge Clayton, (618) 675-3478.

16-19: Canadian Urban Forests Conference, Windsor, Ontario, Canada. Phone: (519) 255-6270.

19-20: Midwest Grounds Management Conference, Normal, Ill. Phone: Mike O'Grady, (309) 438-2032.

21-22: Midwest Grounds Maintenance Conference, Illinois State Univ., Normal, Ill. Phone: Professional Grounds Management Society, (410) 584-9756.

21-22: Sports Turf Association Annual Field Day, Globe Park, Hamilton, Ontario, Canada. Phone: David Smith, (519) 763-9431.

23-27: Association of American Seed Control Officials annual meeting, Hotel Marriott, East Lansing, Mich. Phone: Ken Rauscher, (517) 373-9753.

25: Midwest Regional Turf Field Day, West Lafayette, Ind. Phone: Bev Bratton, (317) 494-8039.

25-27: Penn Allied Nursery Trade Show, Fort Washington (Pa.) Expo Center. Phone: (800) 898-3411.

26: Georgia Turfgrass Field Day, Georgia Experiment Station, Griffin, Ga. Phone: Georgia Turfgrass Association, (404) 975-4123.

26-28: FNGA/ALCA Conference, Hyatt Hotel, Orlando, Fla. Phone: Lynne Rue at Florida Nurserymen and Growers Association, (407) 345-8137.

26-28: TPI Summer Convention, Omaha, Neb. Phone: Turfgrass Producers International, (708) 705-9898.

26-29: AAN/MNLA Convention & Trade Show, Minneapolis, Minn. Phone: American Association of Nurserymen, (202) 789-2900 or Minnesota Nursery & Landscape Association, (612) 633-4987.

28: ALCA Masters in Management seminar, Harbor Court Hotel, Baltimore. Phone: Elise Lindsey, Associated Landscape Contractors of America, (703) 620-6363.

30-Aug. 1: International Lawn, Garden & Power Equipment Expo (Expo 95), Kentucky Exposition Center, Louisville, Ky. Phone: (800) 558-8767.

30-Aug. 1: Texas Turfgrass Summer Conference, Corpus Christi. Phone: Shirley Duple, (409) 693-1656.

We'll keep the pesticide industry from becoming a victim of air pollution.



Ahh, television news in the 90s.

Tabloid journalism has sneaked its way onto the airwaves. And the pursuit of facts seems to have been replaced by the pursuit of ratings.

So the specialty pesticide industry needs a media watchdog that not only watches. But that also takes action.

Fortunately, we have one.

RISE. Responsible Industry for a Sound Environment.

RISE is a coalition of manu-

facturers, formulators and distributors from all areas of the specialty pesticide business.

In addition to promoting environmental stewardship, RISE makes sure the media doesn't report misinformation as fact.

We also hold editorial meetings with media decision-makers. And respond to negative articles or broadcasts that are incorrect. We've been very successful so far. Not surprising considering what

our most powerful weapon is. The truth.

Of course, there's still a lot more work to do. But rest assured, RISE is up to the task.

Because we know if we eliminate air pollution, the pesticide industry can breathe a lot easier.



1156 15th St., N.W., Suite 400,
Washington, D.C. 20005. ©1995 RISE RISE-0047

PRODUCT REVIEW

Borders and curbs are easy with new forming equipment

Concrete borders and curbs can now be added to a landscape quickly and easily with Creative Curb.

The self-propelled machine—in electric or gasoline models—extrudes durable concrete borders that are permanent and freeze/thaw tolerant.

Installation is simple. No forms are needed, which reduces displacement of the existing landscape.

Borders will not rot, rust or become discolored, and colors can be added to the mix.

The average cost of materials is about 40 cents per foot. The company says the edging is as durable as conventional curbs. The concrete sets quickly, to reduce or eliminate the finishing process.

The machine has a production capability of more than 100 feet of edging per hour.

Circle No. 192 on Reader Inquiry Card



Buy hydraulic dumper now to receive a free cab protector from company



E-Z Dumper, the original hydraulic dump unit designed for pick-up trucks, is offering a free cab protector with every E-Z Dumper unit purchased from April 10 through July 15.

The E-Z Dumper holds up to 4000 lbs. of material and unloads in seconds, eliminating the long hours and hard work associated with manual unloading.

Valley Manufacturing says the E-Z Dumper is easy to install. The dumper slides into the truck bed, and is secured with bolts to holes already in the truck body.

The company reports positive buyer responses to the dumper.

Circle No. 193 on Reader Inquiry Card

Multi-purpose unit chips, shreds and vacuums—easily

The new Little Patriot is a combination chipper/shredder/vacuum powered by a 10 hp Tecumseh engine with cast iron sleeve.

The new Patriot was tested for durability by putting numerous 2x4s down the shredder hopper.

The unit is safety certified, and meets or beats every ANSI standard.

Patriot's special system achieves precise cutting angles for the knives as they are fastened to the rotor. A newly-patented process "seats" the knife and supports it



when chipping especially hard woods.

The new technology reduces vibration, and increases operator comfort and rotor life.

Patriot's forked hammer design covers 95 percent of the surface area leading into the grinder for safer, more efficient shredding. The Y-shaped hammer shreds quickly, and pulls in waste with less kick-back.

The front leg transfers vibrations into the ground, eliminating "walking" when the machine operates on harder surfaces.

Circle No. 194 on Reader Inquiry Card

CREW CUT.



From its heavy-gauge steel construction to its wide, three-spindle deck, the **Mow'n Machine™** mower is built for serious commercial lawn care. Its zero turning radius lets you glide around the tightest obstacles. And the low, out-front deck makes getting under shrubs and trees a

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Call **800 31WOODS** for the Woods Mow'n Machine dealer nearest you.

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Circle No. 125 on Reader Inquiry Card

Aerators made for landscape contractors

The Toro Company has introduced the 880 and 680 Aerator, new walk-behind units designed specifically for landscape contractors.

Both units are durable, maneuverable and perform aeration jobs essential to landscape work.

The 880 unit (shown at right) incorporates an ergonomical design for greater operator comfort during extended use.

The aerators are roll-type units. The 680 uses open tines that spade the turf, while the 880 features a mechanical coring technique similar to larger commercial

aerators. Unlike competitors' units, the 880 has a unique operator-friendly design that reduces the amount of downward force required to engage the coring tines.

These aerators are built to withstand the rigors of frequent and long use, while remaining maintenance-free.

Features include heavy-duty handles and engine guards, and extra sturdy lift mechanisms and frames. For extended life and optimum performance over various terrain, the 880 tine shaft uses sealed bearings rather than bushings.

Circle No. 194 on Reader Inquiry Card



Fertilizer injectors for drip/subsurface sprinkler system

Strong Injectors now sells pre-set, automatic proportioning fertilizer injectors.

The units are available in amounts as small as one pint up to 30 gallons.

The Add-It fertilizer injector is ideal for commercial, residential and agricultural installations. The injector allows the user to distribute fertilizer uniformly throughout the irrigation system, and may be used with drip/subsurface or conventional

sprinkler irrigation systems.

Add-It injectors can be used with any liquid fertilizer, and can be used with totally water soluble dry fertilizers.

A primary advantage, according to the company, is that there is no pressure loss through the injector, and there are no moving parts to wear out. They can be placed before a manifold of valves, under constant line pressure, or after individual valves.

Circle No. 195 on Reader Inquiry Card

Battery-powered sweeper built with dust control

Eagle Power Products now markets the TK1000, a very mobile, battery powered riding sweeper.

The TK1000 is built with a highly effective dust control system, and a large capacity hopper. The sweeper covers a one-yard swath, and the company reports that the TK-1000 is good for inside sweeping, as its tight turning radius allows for easy maneuvering around obstacles.

Top speed is 5 mph.

Circle No. 203 on Reader Inquiry Card

Herbicide now labeled for more product per acre

Sandoz Agro has issued a new label for its Barricade pre-emergence herbicide to give landscape managers better timing and application flexibility.

Barricade is now labeled to allow more annual product per acre—2.3 lbs—either as a single or split application.

Barricade provides season-long control of annual grasses and certain broadleaf weeds, but is not to be used on golf course putting greens.

The product is also labeled for use on most established ornamental trees shrubs and flowers.

Tank mixing with other registered turf herbicides is allowed, in states where the tank mix products are registered for the application site and the turf species listed on the product label.

Barricade controls susceptible weeds by inhibiting weed seed germination and root development.

Circle No. 196 on Reader Inquiry Card

Aerator attachment adapts to tractor, engine models

The new BCS 32-inch core aerator attachment fits BCS tractor models 605, 737, 830, and 850; powered by 8 hp, 10 hp and 12.5 hp commercial grade engines.

Using the attachment converts your BCS machine into a 32-inch core aerator for commercial or residential aeration.

According to the company, the extra wide aerator turns large jobs into smaller tasks, saving valuable operator time.

The company says operators can easily mount other available attachments, including:

- 26-inch or 30-inch rear tine tillers;
- 38-inch lawn mowers;
- 30-inch heavy duty rotary mowers;
- sickle bar mowers;
- snow throwers;
- chipper/shredders;
- 40-inch power sweeper.

Circle No. 197 on Reader Inquiry Card

New fungicide twin-pack expands control options

AgrEvo's new fungicide twin pack recently received label approval from the Environmental Protection Agency.

Prostar Plus is a twin-pack of two independently registered products—Prostar 50WP and Bayleton 50 Turf and Ornamental Fungicide—for control of brown patch, dollar spot and 17 other turf diseases.

The key to the twin-pack's effectiveness is a synergism which dramatically increases the length of brown patch control. Prostar has preventive and curative control of brown patch.

The combination of the two products provides a broader spectrum of disease control, and brown patch control is superior to that achieved by using either product separately.

Residual control by using the twin-pack increases from 14-21 days to 21-28 days.

The twin-pack covers 12,000 sq.ft. of turf at the normal usage rate.

Circle No. 198 on Reader Inquiry Card