

The only grub control fast enough to compete in the fifty-yard dash.



Nothing works faster than DYLOX insecticide. Plus it has no turf restrictions, it's low odor, and it's available in an 80% water soluble powder and 6.2% granular. So it's easy to apply as well. Which helps when you have to cover a lot of ground. For more information, contact Miles Inc., Specialty Products, Box 4913, Kansas City, MO 64120. (800) 842-8020.

MILES 

INFO CENTER

Useful literature and videos for LM readers

ALL ABOUT LAWN...An order form for a series of eight consumer brochures makes excellent leave-behind material for lawn and landscape maintenance companies. The brochures are designed to promote the use of improved lawn seed varieties, to provide basic information on proper lawn maintenance, and to emphasize the environmental benefits of turfgrass. For a free copy of the order form, one of each brochure, and pricing information, write to: Consumer Brochures, The Lawn Institute, 1509 Johnson Ferry Rd., NE, Suite 190, Marietta, GA 30062-8122.

HABLA ESPAÑOL...Now available through Thomson Publications is a Spanish-English/English-Spanish dictionary of agricultural terms. Agricultural, botanical and horticultural terms are used, along with equipment, tools, weeds, diseases, insects, etc. Illustrations along

with the definitions are also used. To order, send a check payable to Thomson Publications or your Visa or MasterCard number for \$27.95 (California residents add 7% sales tax) to: Thomson Publications, P.O. Box 9335, Fresno, CA 93791. Orders can be phoned to (209) 435-2163.

MEDICAL LEAVE...The American Association of Nurserymen, in cooperation with the Small Business Legislative Council, has developed a guide to complying with the new Family and Medical Leave Act. The publication takes the employer through the step-by-step process of dealing with a leave request, and contains the full text of the law. Cost is \$20 for AAN members, \$40 for non-members, plus \$2.50 shipping and handling. To order, write AAN, 1250 I St., Suite 500, Washington, DC 20005 or phone (202) 789-2000.

FOR SOIL ID..."Soil Color," edited by J.M. Bigham and E.J. Cilkosz, and published by the Soil Science Society of America, focuses on the importance of soil color when making analyses, properties and the genetic significance of important pigmenting agents in soils, and geomorphic and geologic factors influencing the formation and inheritance of soil color. Contact SSSA, Book Order Dept., 677 S. Segoe Rd., Madison, WI 53711.

ON FERTILITY...The Potash & Phosphate Institute has revised and reissued its "Soil Fertility Manual" and accompanying slide photographs. The slide sets are available for individual chapters or as a 10-chapter package. The 10-chapter slide package consists of 320 color, 35mm slides and includes printed scripts for each chapter. The full slide package, containing all 10 chapters and printed scripts, is available for \$230 plus postage. Individual chapter sets may be bought at a cost of \$30 each. Contact: PPI Circulation Dept., 655 Engineering Dr., Suite 110, Norcross, GA 30092; (404) 447-0335.

ECOSCAM...In Ronald Bailey's new book, "Ecoscam: The False Prophets of Environmental Doom," we see an unraveling of all the major environmental scares of the past two decades. From global cooling, to global warming, to acid rain, to ozone depletion, Bailey reveals some of the true motives behind scientific proclamations of a doomed planet, and the real condition of our environment. Contact: Laissez Faire Books, (800) 326-0996; ask for No. CU5712. Ecoscam costs \$19.95.

WHO'S WHO...The Associated Landscape Contractors of America's 1993 membership directory, Who's Who in Landscape Contracting, is now available. The directory provides an index listing of both interior and exterior contractors. Contact ALCA's Publications Department, 12200 Sunrise Valley Dr., Suite 150, Reston, VA 22091; (703) 620-6363.

EQUIPMENT GUIDE...Encore Manufacturing's complete line of commercial turf equipment is featured in a new, full-color free Pro-Line brochure. The brochure includes model descriptions, photographs and specs on the company's 32-, 48- and 60-inch mowers, as well as blowers, edgers, dethatchers and accessories. Contact: Encore, P.O. Box 888, Beatrice, NE 68310; (402) 228-4255.

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Circle No. 104 on Reader Inquiry Card

TREES & SHRUBS

Care of Shrubs:

Diseases and Pests of Ornamental Plants by Pascal Pirone

5th ed. Standard reference discusses diagnosis and treatment of diseases and organisms afflicting 500 genera of ornamental plants. Reflects current national and state laws and new diseases with photos and illustrations. Indicates approaches by symptom and cause. 566pp. BK-410-\$58.00

Diseases of Trees and Shrubs

by Wayne Sinclair, Howard Lyon, Warren Johnson

Comprehensive pictorial survey of diseases of and environmental damage to forest and shade trees and woody ornamental plants in the U.S. and Canada. Important developments in fungal biology and taxonomy, plant bacteriology, virology, and environmentally induced stress in plants are covered. Newly discovered diseases and accounts of old diseases summarized. 575pp. BK-430-\$52.50

Insects that Feed on Trees and Shrubs

by Warren Johnson and Howard Lyon

Essential information you need for identifying more than 650 insect pests and the injuries they cause on trees and shrubs. Over 200 color illustrations aid identification. BK-690-\$52.50

Ornamental Foliage Plant Diseases by A. S. Chase

Essential reading for the interiorscape industry. Includes: fungal diseases; diseases caused by Helminthosporium-like organisms, Phytophthora, Pythium, and Xanthomonas; bacterial, viral and nematode diseases. Plus, an extensive glossary and index for quick identification. 114 p. BK-415-\$30.00

Elements of Pruning (VHS Video)

A knowledge of proper pruning procedures is a vital skill for gardeners. Find proven techniques clearly presented in this popular videotape for beginners: when and why to prune, basic principles of plant growth, pruning tools, types of pruning cuts, applications of pruning techniques to ornamental trees, hedges, roses, conifers, flowering shrubs, rhododendrons. 26 min. English - VD-755E, Spanish - VD-755S-\$89.95

Tree Maintenance by Pascal Pirone

The care and treatment of trees including special sections on abnormalities, diagnosing tree troubles, non-parasitic injuries and assessing the suitability of trees in different environments. BK-760-\$49.95

Identification:

Shrub Identification by George Symonds

Pictorial key to identifying shrubs contains over 3,500 illustrations to check specimens. Popular and botanical names given. Handy index tabs for quick reference. BK-720-\$19.50

Tree Identification by George Symonds

Make sure you have this pictorial reference to identifying trees by checking leaves, buds, branches, fruit, bark. Popular and botanical names listed with easy-find index tabs. BK-750-\$17.95

Hearst Garden Guides: Annuals edited by Ted Marston

Guide to cultivating seasonal plants, lushly illustrated with over 150 color photos. Learn: success secrets for growing annuals, preparing potting soil, seed-sowing techniques; tips for positioning annuals so they thrive; how to eradicate pests/diseases. An A-to-Z encyclopedia of 200 species of annuals and hundreds of other varieties: Latin and common names, descriptions, cultivation, disease control strategies. 192pp. BK-700-\$25.00

Hearst Garden Guides: Perennials edited by Darrel Apps

Gorgeously illustrated book gives fundamentals of growing perennials, featuring pest/disease control, safe use of chemical fertilizers, mulching, watering techniques, crown divisions, and an A-to-Z plant encyclopedia, with 250 full-color photos. Latin and common names, detailed description, hardiness zones, color, shape, blooming season. 208pp. BK-705-\$25.00

Hearst Garden Guides: Bulbs edited by John E. Bryan

Complete guide to gardening with bulbs, this detailed reference includes extensive A-to-Z encyclopedia showing lesser-known varieties. Covers designing and planting for year-round color, storing, propagating, troubleshooting. 150 color photos. 191pp. BK-701-\$25.00

Hearst Garden Guides: Trees & Shrubs edited by R. William Thomas

Complete guide to selecting, planting, nurturing over 1,000 ornamental varieties. 200 color photos, guidance on using trees and shrubs as focal points, selecting the right plant, tips on pruning. 208 pp. BK-702-\$25.00

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02193FPM

PRODUCT SHOWCASE

LM REPORTS ON MOWER PRODUCTS (FROM PAGES 11-12)

Ransomes America Corporation's newest riding mower, the Lynx 2000, features zero turning radius and a 9.2-bushel grass collection system.

The Lynx 2000 gives the operator the versatility of catching or throwing clippings back to the turf. Change from the grass collection to side discharge in minutes.

Circle No. 310 on Reader Inquiry Card



Walker Manufacturing Company: The Model "T" tractor is powered by a 20-hp Kohler Command V-Twin engine. This mower is designed to provide high productivity with good maneuverability.

Larger mowing decks of 48 to 60 inches for more powerful models, and a parking brake are optional.

Circle No. 311 on Reader Inquiry Card



Ransomes America Corporation: The Cushman 6150 Wing Rotary riding mower has a cutting width of 10 ft. 7 inches. It cuts up to nine acres per hour, and is good for golf course roughs and other large areas with tall grass. Height of cut ranges from 1 to 4.75 inches. The 6150's top mowing speed is 7 mph; it has a total of seven 21-inch blades.

Options include:

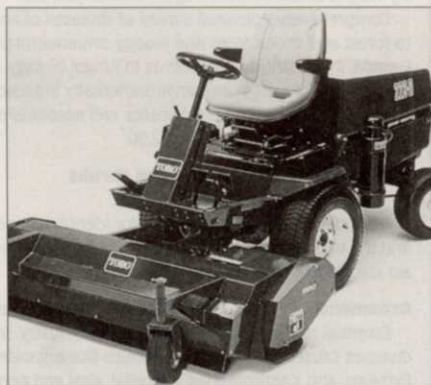
- Cushman Core Destroyer for post-aeration cleanup.
- tine rake dethatcher
- Promark blower
- snow blower and snow blade
- front-end brush for side-walk/parking lot sweeping
- cloth or solid cabs for winter protection.

Circle No. 312 on Reader Inquiry Card



Mower adapts to flail, mulching attachments

The Toro Groundmaster 200 Series has a selection of all-season accessories.



- A leaf mulcher mounts under side discharge decks allowing blades to vacuum and pulverize fallen leaves;

- The Flail 2660 attachment cuts rough and semi-formal turf, pulverizes aeration plugs, mulches leaves or prepares turf for overseeding. Toro says the flail is quiet and durable.

- A rotary broom to sweep parking areas and walkways of dirt, debris leaves and snow; features right/left hydraulic articulation.

Circle No. 313 on Reader Inquiry Card

Sprayer line is versatile, flexible and mobile, its manufacturer says

Friend Commander professional sprayers provide top performance, accuracy and reliability, according to the Friend Company.

The Commander line is available in a trailer or skid model for mount on utility vehicles and in engine drive or PTO drive.

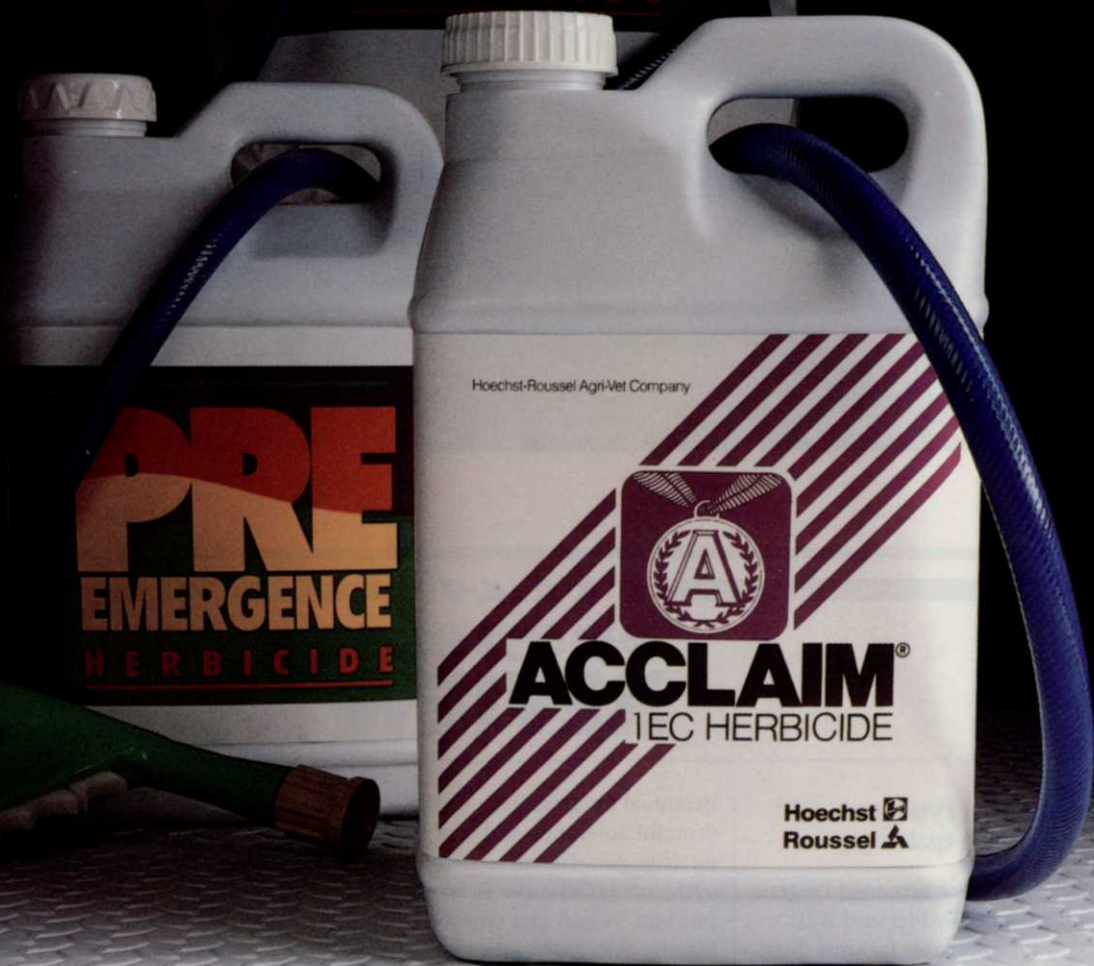
A wide range of accessories and easy machine adjustments means greater versatility and flexibility, says Friend.

Accessories and options include mechanical and hydraulic spray booms, electric or hand rewind hose reels, high tree and multi-purpose spray guns.

Friend markets the sprayers to turf maintenance personnel, nurseries, tree spraying operations, and pest and weed control companies.

Circle No. 314 on Reader Inquiry Card



BECAUSE NO PRE IS PERFECT



PAIR A PRE WITH OUR POST

Crabgrass escapes are almost impossible to avoid, even when using the best *preemergence* herbicide. But unsightly crabgrass and costly callbacks can be avoided by using the best *postemergence* crabgrass herbicide available, Acclaim® IEC Herbicide. Crabgrass treated with Acclaim just melts away, leaving no ugly brown patches that the older arsenicals commonly leave in lawns.

Acclaim controls from the 1-leaf stage to just before seed head formation, and can be used safely on tall and fine fescue, bluegrass, ryegrass and zoysiagrass. It also lets you reseed fescue and ryegrass immediately after the spray dries.* Best of all, you can treat 1,000 sq.ft. with Acclaim for just small change.

This year, be ready for crabgrass escapes. Be ready with Acclaim... **Hoechst** 
because no PRE is perfect. *Wait 3 weeks for bluegrass, zoysiagrass, bentgrass **Roussel** 

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SHOWCASE PRODUCT REVIEW

New perennial ryes are low grow, high quality

Two new varieties of perennial ryegrass have been introduced by Pickseed West.

Express will be available for wide distribution by this fall, while Cutter will be available in limited quantities this fall.

Express is a slow-growing variety that also germinates and establishes very rapidly. It also contains very high levels of endophyte fungi, enhancing its ability to resist leaf- and crown-feeding insects, as well as to tolerate heat and drought conditions. According to Pickseed, Express is a dark green, fine-textured variety that mixes well with other new-generation perennial ryes.

Cutter, according to Pickseed executive vice president Dr. Jerry Pepin, has a low growth habit, very high turf quality and diverse adaptability.

Among 123 entries in the 1990 National

Perennial Ryegrass Test, Cutter was first in drought tolerance and tied for second in quality, genetic color, winter color and pythium resistance. It is also naturally resistant to leaf- and crown-feeding insects because of its high endophyte content.

Circle No. 315 on Reader Inquiry Card

Four new turfgrasses in landscape market

Seed Research of Oregon has introduced four new improved turfgrass seeds: SR8300 turf-type tall fescue, SR3100 hard fescue, SR5100 chewings fescue and SR4300 perennial ryegrass.

SR8300 comes from a different germplasm than any other tall fescue on the market. It has a semi-dwarf growth habit, medium to fine leaf texture, rapid tillering, and heat and drought tolerance.

SR3100 is endophyte-enhanced. It was selected for its dwarf growing habit,

improved disease resistance, dark green color and high endophyte content.

SR5100 is a darker, lower-growing, endophyte-enhanced chewings fescue variety that is disease-resistant.

SR4300 is perfect for close mowing, Seed Research says. With improved disease resistance and high endophyte content, it is well equipped to withstand stresses like insects and drought.

Both SR3100 and SR 5100 will soon be appearing in the Crusader mix with SR4200 perennial ryegrass.

Circle No. 316 on Reader Inquiry Card

Tall fescue adapts to hot, dry weather

Georgia 5, from Pennington Seed, is the result of 25 years of research by the University of Georgia and the USDA Soil Conservation Service to develop a tall fescue cultivar adapted to the southern



THE WORST PART ISN'T
THAT SHE'S CALLED BACK
THREE TIMES, OR THAT
SHE PROBABLY WON'T RENEW.
THE WORST PART IS THAT
SHE'S GOT NEIGHBORS.

If she's calling you about grubs, fire ants, or mole crickets, you can bet her neighbors are hearing about you, too.

Makes you wish you'd used Triumph[®], doesn't it? You could have delivered up to 90% control in just 2 to 3 days. Too bad.

Bet you'll use Triumph first, next time.



Circle No. 102 on Reader Inquiry Card

SHOWCASE PRODUCT REVIEW

coastal plain region.

Georgia 5 has performed well in several turfgrass evaluations in Georgia and Florida. It is similar in appearance and turf quality to other tall fescues, but is much superior to others in areas of high temperatures, extreme sun and water stress.

Pennington believes the cultivar is well adapted to Georgia and Florida, plus the southern or coastal part of North Carolina, South Carolina, Alabama, Mississippi, Louisiana and parts of Texas.

Circle No. 317 on Reader Inquiry Card

This tall fescue has narrower green leaves

Lancer, a new narrow-leaf dwarf turf-type tall fescue from Lesco is a low-growing, dark green variety. Its slower leaf extension rate and shorter mature plant height create a dense, fine-textured turf.

Lancer is recommended for using on athletic fields, golf course roughs, commercial and public turf areas, home lawns, parks, playgrounds, and in sod production. It blends well with other tall fescues such as Trailblazer and Trailblazer II.

It has shown resistance to leaf spot, crown rust, stem rust and fusarium patch, and moderately good resistance to brown patch. In addition, Lancer tolerates cold, wear, shade and heat, Lesco says.

Circle No. 318 on Reader Inquiry Card

Widely-adapted grass keeps guessing away

Rivard's Quality Seeds has a versatile lawn seed to keep the guessing away.

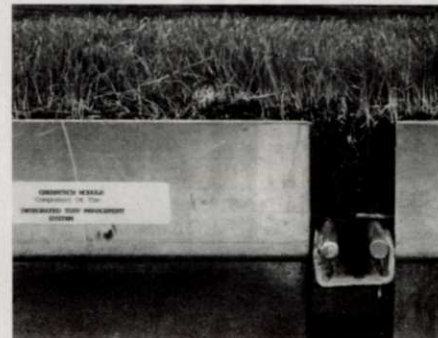
This durable turf can flourish in a wide range of soil types, as well as both sunny and shady areas. Its name: Sun & Shade.

Sun & Shade is available in a full line of lawn mixtures in limited areas.

Circle No. 319 on Reader Inquiry Card

Unique turfing system perfect for sports turf

The Greenway Group has been issued a patent on a transportable natural grass playing surface called the Integrated Turf Management (ITM) system.



It is a turfing system that can be transported to, and erected upon, nearly any horizontal surface in a very short period, for "instant" use. The result is a playing field or other surface indistinguishable

PRODUCT REVIEW

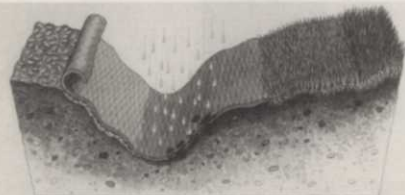
from fully-established, natural turf.

The ITM system provides modules of high density plastic or other material containing specially-formulated soil mixtures and fully mature turf plants. A light rolling following installation, and the field is ready from any sports activity or for social use in a lawn setting.

Circle No. 320 on Reader Inquiry Card

Germination mat reduces growing time

Chemically-free Roll-Lawn seed germination blankets, made of natural wood fibers, help produce fast, lush, weed-resis-



tant lawns.

Inexpensive, easy-to-use biodegradable Roll-Lawn quickly bonds to ground contours to hold seed and water in place during the growing cycle.

A unique bonding to the soil eliminates the expense and labor of repairing seed washout and erosion problems often experienced with traditional planting methods, according to the manufacturer, Conwed Bonded Fiber.

In a few weeks, the green Roll-Lawn blanket begins to decompose to form an organic mulch which provides added nutrients to the young sprouts.

Circle No. 321 on Reader Inquiry Card

Tree injection corrects iron deficiency in pin oak, others

According to Medi-Ject Tree Injections Systems, their tree injection process corrects iron deficiency in pin oak, silver maple, sweetgum, bald cypress, London planetree

and other trees.

Recommended treatment period is full leaf (May-June) to fall coloration (October).

Medi-Ject injections provide a visual green-up noticeable within seven to 10 days, sometimes overnight, the company says, and treatment with the system provides healthy green trees for three to five years.

Circle No. 322 on Reader Inquiry Card

Tree care sprayers, needles made for green industry

For a full range of tree care sprayers and tree feeding needles, Northeastern Associates has 20 years experience in the green industry.

Northeastern sprayers are available in any size: 50 to 200 gal. capacity; 125 to 500 psi; 5 to 10 gpm; and 3 to 5 hp units that come with either Briggs & Stratton or Kawasaki engines.

All tanks are molded polyethylene, and UV inhibitors are added for protection

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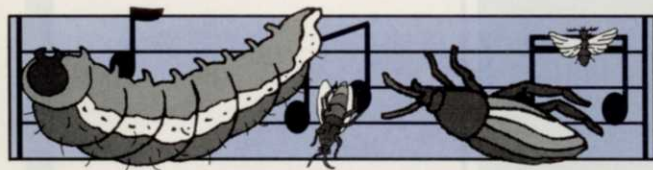
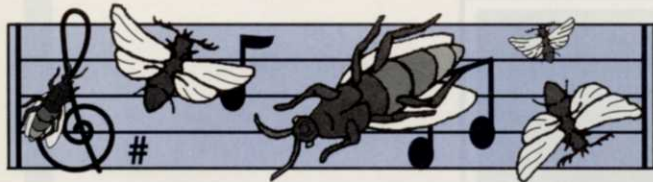
For more information, contact your Lebanon sales representative or local Lebanon Turf Products distributor. Or simply call 1-800-233-0628.



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Circle No. 101 on Reader Inquiry Card

SHOWCASE

PRODUCT REVIEW

against sunlight.

Feeding needles and spray guns manufactured by Northeastern include the FMC 785A spray gun, the new Deluxe Versatool, the 48R and SS36—both 36-inch HD models.

The Deluxe Versatool has a brass trigger handle, three-foot heavy duty feeding needle with a hardened non-clogging tip, 3/4-inch inlet and adjustable footpad.

Circle No. 323 on Reader Inquiry Card

Building safely stores hazardous materials

Safety Storage offers its Model 10 pre-fabricated, movable steel building designed for storage and containment while mixing and dispensing pesticides and flammable materials.



Ideal for golf course and turfgrass uses, the buildings safeguard personnel, avoid the liability arising from soil and groundwater contamination, meet fire safety needs, and provide full compliance with federal, state and most local regulations.

Model 10 storage buildings are 10 feet long and provide up to 59 sq.ft. of floor space. A wide range of shelving and partitioning options permit convenient handling of all types of drums, buckets, bags, boxes and small containers.

Circle No. 324 on Reader Inquiry Card

Stump grinder is lightweight, portable

According to Partner Industrial Products, its new stump grinder is "the most lightweight, portable stump grinder available today."

Using gas power, the unit eliminates the need for cumbersome,



difficult-to-manuever equipment, making it ideal for navigating through tight places in a homeowner's lot.

Weighing only 44 lbs., the Partner stump grinder is designed for easy walk-behind control, and does not damage delicate landscaping as heavy commercial equipment can.

The stump grinder comes with an 8-inch grinding wheel and a 70 cc engine.

Circle No. 325 on Reader Inquiry Card