

For day-in, day-out dependability... Hire a Professional!

Because there's no time for down-time in the world of professional grounds and turf care, dependable equipment is a necessity. That's why MTD makes Lawnflite Professionals to last through years of continuous hard use...with minimum time out for maintenance.

Strength and durability are built into Lawnflite Professional mowers and tillers with heavy-duty components: handles that won't twist, throttles that don't bind, steel wheels with thick-wall tires, muscular industrial engines with Stellite exhaust valves and double-protection air cleaners.

Performance and convenient operation are part of all Lawnflite Professionals by design. Chain reduction drive gives the tillers quick response and gets the most out of every horsepower. All tiller controls are within arm's reach on or below the handles.

Lawnflite Professional mowers are equipped with extra-large,

remote-mounted gas tanks and large-capacity grasscatchers that keep them mowing, with fewer stops for fill-ups and emptying. The mowers roll easily on big 8" wheels with heavy-duty sealed ball bearings, while exclusive "Ultra-Lift" blade design gives a clean, even cut. Convenient levers quickly adjust cutting height to any of five settings from 3/4" to 3 1/2". The Professional Model 618 mower offers all these features, plus the combined strength and light weight of a cast aluminum alloy deck. Professional Model 638 provides a wide 22" cut, and its true rear-discharge design means extra maneuverability and close-trim mowing next to trees, fences, and other obstacles... on both sides of the mower!

Behind every Lawnflite Professional are a full-year limited warranty and, even more importantly, the MTD heritage: 50 years of design and manufacturing excellence.



638
Model 111-638
22" Cut/Rear Discharge
Rotary Mower

LAWNFLITE Professionals



618
Model 111-618
20" Cut/Slide Discharge
Rotary Mower



398
Model 211-398
5 HP/Chain Drive
Rotary Tiller



418
Model 211-418
8 HP/Rear Tine/Chain Drive
Rotary Tiller

Write today for color brochure with full specifications

MTD PRODUCTS INC P.O. Box 36900 Cleveland, Ohio 44136

Events from page 79

June 2-4. Contact Lanny E. Walker, public relations director, California Association of Nurserymen, 1419 21st Street, Sacramento, CA 95814, 916/448-2881.

Kentucky Cemetary Association annual meeting, Executive Inn, Louisville, KY, **June 5-7.** Contact Lewis C. Tingley, Resthaven Memorial Park, P.O. Box 18068, Louisville, KY 40218, 502/491-5950.

Grow Show '81, Albert Thomas Convention Center, Houston, TX, **June 8-10.** Contact David H. Lindsay, Exposition Manager, P.O. Box 17413, Dulles International Airport, Washington, DC 20041, 703/471-5761.

Texas ISA chapter meeting, Dunfey Dallas Hotel, Dallas, TX, **June 11-13.** Contact Ervin C. Bundy, Executive Director, 5 Lincoln Square, P.O. Box 71, Urbana, IL 61801, 217/328-2032.

New York State Nurseryman's Association Convention and Trade Show,

Onondaga County War Memorial Convention Center, Syracuse, NY, **July 7-10.** Contact Margaret Herbst, 230 Park Ave., New York, NY 10017, 212/685-4579.

American Sod Producers Association Summer Convention & Field Days, Hershey Motor Lodge & Convention Center, Hershey, PA, **July 15-17.** Contact ASPA, Bob Garey, Executive Director 9th & Minnesota, Hastings, NE 68901, 402/463-4683.

International Society of Arboriculture Annual Meeting, Aug. 9-13, Boyne Mountain Resort, Boyne Falls, Michigan. Contact E.C. Bundy, 5 Lincoln Square, P.O. Box 71, Urbana, IL, 61801, 217/328-2832.

Sixth Nebraska Turfgrass Field Day and Equipment Show, Aug. 4. Contact Dr. Robert Shearman, University of Nebraska, 377 Plant Science Bldg., Lincoln, NE 68583, 402/472-2550.

University of Rhode Island Turfgrass Field Day, Kingston, RI, **Aug. 26.** Contact C.R. Skogley, University of Rhode Island, Dept. of Plant Science, Woodward Hall, Kingston, RI, 02881, 401/792-2570.

Continues on page 85

Does your turf make your reputation good as gold?

It does if it's seeded with Pennfine Perennial Ryegrass. Since its development by Penn State University in 1970, Pennfine has become the number one selling fine-leaved perennial ryegrass in the nation. And the thousands of turf professionals who continue using Pennfine are the biggest vote of confidence. You'll find top-quality Pennfine competitively priced and in ready supply. Pennfine Perennial Ryegrass, P.O. Box 923, Minneapolis, MN 55440

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VANDERMOLEN Windmill

highest quality Environmental Control Equipment . . . for better living

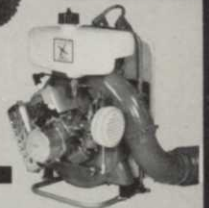
WHEELED BLOWER

the 2 cycle power blower that weighs only 36 lbs yet packs a 225 MPH wallop!



BACK PACK BLOWER

a portable airblast that cleans up fast everywhere.



NO DRIFT HERBICIDE APPLICATOR

roller flattens weeds to deposit chemicals over greater leaf surface for better, quicker kill. No spray, no drift!



BACK PACK MISTBLOWER

gives fast, even coverage. Sprays 25 ft. up. 3 gal. tankful covers 1 acre in 15 min.



BRUSH CHIPPER

chips up to 3" diam. wood with drum type rotor. 11 to 16 HP models.



SPREADER

broadcasts sand, salt, seed and all fertilizers to 60 ft. swath. Holds 7 to 20 cu. ft.

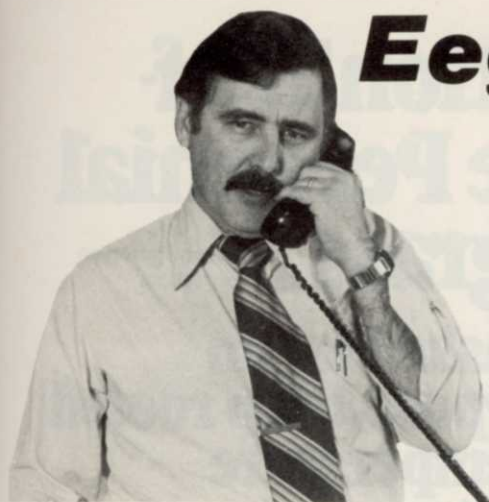


Blowers Mistblower Spreader
 Herbicide Applicator Brush Chipper
Write for information or check boxes and mail ad to:

VANDERMOLEN CORP.
119 Dorsa Ave. - Livingston, N.J.
07039

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"I recommend the Morbark Eeger Beever..."



...It's a safer machine to operate and keeps the operator out of the street. Knives cost less than half of conventional brush chippers and can be changed in less than 15 minutes. Fuel consumption can be cut in half and the Morbark Eeger Beever will provide greater longevity and a shorter payback."

*Ken Thompson, Director
Dept. Public Works, Howell, Michigan*

THE MORBARK EEGER BEEVER

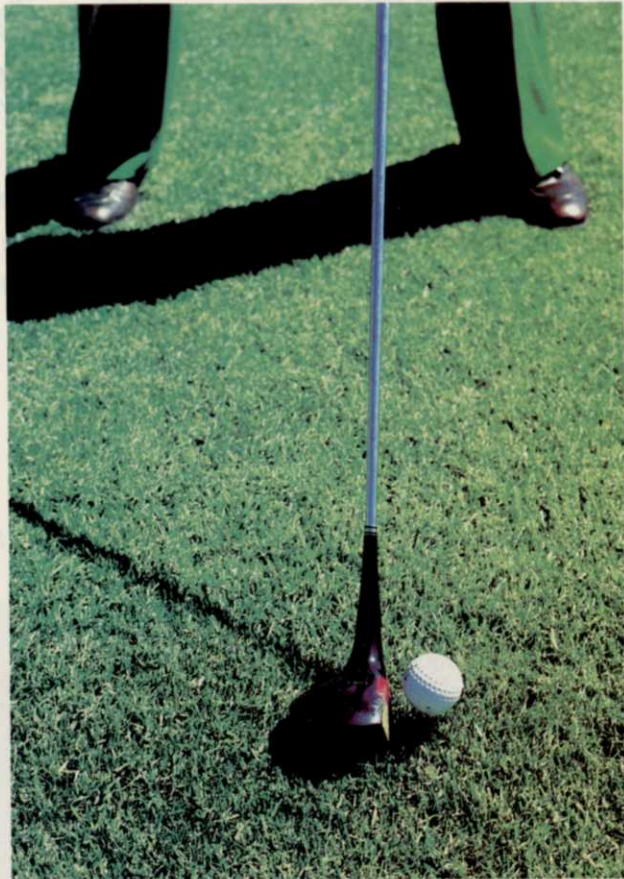
Whole tree chipper

- CHIPS TREES AND LIMBS UP TO 12" IN DIAMETER
- CHIPS SAWMILL SLABS
- CHIPS CHRISTMAS TREES
- CHIPS DRY MATERIAL
- FEEDS FROM THE CURBSIDE
- PRODUCES A DIMENSIONAL CHIP
- OPERATES WITH LOW FUEL CONSUMPTION
- IS LESS EXPENSIVE TO MAINTAIN



MORBARK INDUSTRIES, INC.

WINN, MICHIGAN • 48896 • PH. 866-2381 A.C. (517)



This unretouched photo from California demonstrates an advantage of including 20% Citation with an improved blend of bluegrasses. On the left is 100% Kentucky bluegrass damaged by Fusarium blight. On the right the Citation-bluegrass mixture shows little or no damage.



**"PROGRESS FROM
THE GROUND UP"**



Citation Turf-Type Perennial Ryegrass

Plant Variety Protection
Number 7500003

...you asked for an all-purpose, deep rooted high temperature tolerant ryegrass...

This is our answer!



Dr. William Meyer, Research Director, states: "At Turf-Seed, Inc., we set out to develop a turf-type perennial ryegrass with rapid establishment, good heat tolerance and the ability to maintain high quality throughout the hot summer months. We also wanted an attractive, dark green color and improved mowing performance. After years of cross breeding and testing, Turf-Seed developed Citation. I believe it comes very close to the specifications we were looking for in a fine-leaved ryegrass."

Citation had the highest average turf performance rating in a five-year test at Rutgers University. This excellent record has been confirmed by years of proven performance in applied use by turf professionals throughout the United States. Top-quality Citation seed is now available for your use.

For test results and information write:

Vaughan-Jacklin Corp.
Bound Brook, NJ 08805
Downers Grove, IL 60515
Post Falls, ID 83854
Landover, MD 20785

Jonathan Green & Sons
Farmingdale, NJ 07727
Turf-Seed, Inc.
Hubbard, OR 97032
J & L Adikes, Inc.
Jamaica, NY 11423

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Events from page 82

Garden Industry of America Conference & Trade Show, Pittsburgh Convention/Exposition Center, Pittsburgh, PA, **Sept. 12-14**. Contact GIA, Box 1092, Minneapolis, MN 55440.

Pacific Horticultural Trade Show, Long Beach Convention Center, Long Beach, CA, **Sept. 23-25**. Contact Lanny E. Walker, public relations director, California Association of Nurserymen, 1419 21st Street, Sacramento, CA 95814, 916/448-2881.

Central Coast Turf Day, California Polytechnic State University, San Luis Obispo, CA, **Oct. 1**. Contact Ronald D. Regan, Head, Ornamental Horticulture Department, CPSU, San Luis Obispo, CA 93407, 805/546-0111.

Northern Michigan Turf Managers Association meeting, Pinconning, MI, **Oct. 6**. Contact C. E. "Tuck" Tate, President, NMTMA, 1147 Santo, Traverse City, MI 49684, 616/947-9274.

Southern California Turfgrass/Landscape Equipment & Material Educational Exposition, Costa Mesa, CA, **Oct. 14-15**. Contact Ed McNeill, Southern California Turfgrass Council, 1000 Concha Street, Altadena, CA 91001, 213/798-1715.

Southwest Turfgrass Association Annual Conference, Albuquerque, NM, **Oct. 15-16**. Contact Arden Baltensperger, Southwest Turfgrass Association, New Mexico State University, Agronomy Dept., Box 3-Q, Las Cruces, NM 88003, 505/646-3138.

Florida Turf-Grass Association 29th Annual Conference and Show, Orlando, FL, **Oct. 18-22**. Contact Beth Eyman, FTGA, 1520 Edgewater Drive, Suite E, Orlando, FL 32804.

C.A.N. Convention, Ventura Holiday Inn, Ventura, CA, **Oct. 20-22**. Contact Lanny E. Walker, California Association of Nurserymen, 1419 - 21st Street, Sacramento, CA 95814, 916/448-2881.

Interior Plantscape Association Annual Meeting, Radisson St. Paul Hotel, St. Paul, MN, **Oct. 28-30**. Contact IPA, 11800 Sunrise Valley Drive, Reston, VA 22091, 703/476-8550.

National Institute on Park & Management meeting, Appleton, WI, **Nov. 1-6**. Contact NIPM, Box 1936, Appleton, WI 54913, 414/733-2301.

"High speed blades give lawns the green carpet treatment."

Charles Duell

Charles Duell,
Bush Hog Engineer

When your customers need a rugged cutter that leaves grass looking like a green carpet, recommend a Bush Hog® TM Cutter. TM blades whirl about 20% faster than many competitive models. That means smoother, cleaner cutting. And greener lawns because grass tips that are cut clean stay green.

Unique, flexible mast and anti-scalp chains allow cutter to hug ground contours for even cutting. Replaceable, long length skids give even greater protection from scalping.

An in-line, self-adjusting Kevlar Cord® belt prevents twisting and jumping out. The belt offers up to 2600 hours of resistance to stretching and tearing.

Attachment and detachment are fast and simple with the 3-point Category I hitch. TM cutters 4', 5' and 6' match 12 to 40 HP tractors.

TM Cutters come to you boxed in protective, easy-storing crates that preserve attractive two-tone finishes. Factory pre-assembly cuts setup time 50%.

If you're ready to give your dealership the Green Profit Treatment, write for free literature on the TM Cutters from Bush Hog.

**BUSH HOG'S NEW
TM CUTTERS GIVE
DEALERS THE GREEN
PROFIT TREATMENT.**



BUSH HOG®

Dept. WTT-2 P.O. Box 1039 Selma, Alabama 36701 (205) 872-6261

Write 105 on reader service card

How to choose the right iron.



Choosing the right golf club is a serious matter. You need one that's just right for the shot you have to make. You should take into account the distance, wind, lie, and obstacles.

At Kubota, we feel that you should devote the same careful attention to choosing a tractor.

YOU WOULDN'T TEE OFF WITH A BASEBALL BAT.

And you wouldn't want to get the wrong tractor for the jobs you have to do.

Whether you take care of a golf course, an estate, a campus, a park, or do roadside maintenance, you want a tractor that's versatile. Can it handle a mid-mount mower? A gang mower? Can it move dirt? Dig a hole? Kubotas can do all these things. Every Kubota has rear PTO and a 3-point hitch that can accommodate a wide variety of implements. You don't want a tractor so specialized it can do only one job.

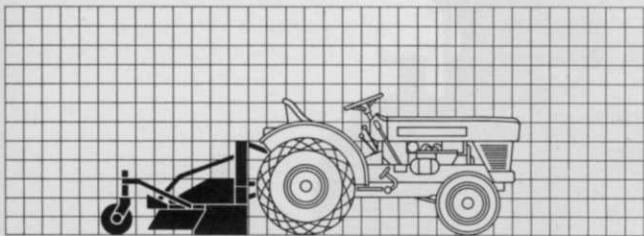
Another thing you don't want is a tractor that's too big or too small.

KUBOTA. THE MID-SIZE TRACTOR.

Our tractors range from 12 to 81 horsepower. Small enough for economy, large enough for heavy-duty jobs. It's wasteful to use 100 horses for some mowing. And it's impossible for 10 horses to do heavy moving or hauling.

DIESELS. A KUBOTA SPECIALTY.

At Kubota, we've been making diesel engines for 30 years. In fact, all our engines are diesels.



Rear-mount mowers or rotary cutters are available for all Kubota tractors.

Diesel engines are rugged and durable. They have no electric ignition system, so they never need a tune-up. And running a Kubota diesel engine costs a lot less than running a comparable gasoline engine.

With many models to choose from, we have a tractor that's just right for the maintenance job you have to do. So see your Kubota dealer today. He'll help you get hold of the right iron.

WAIT! I want more information on all your mid-size Kubotas. Please send me a free copy of your latest brochure.

Mail to: Advertising Department
Kubota Tractor Corporation, 550 W. Artesia Blvd.
P.O. Box 7020, Compton, CA 90224

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 **KUBOTA**[®]
We're looking for work.

Write 134 on reader service card

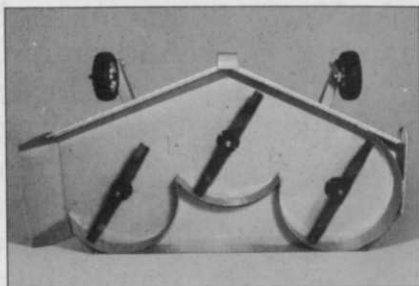
Now, the Cushman Front Line offers a choice of decks. And a diesel.

We've taken a proven performer and made it work even harder. You already know the Front Line™ as an exceptional rotary turf mower. With the kind of common-sense engineering and durability you expect from Cushman.

Durability that comes from features like an 18 hp, air-cooled OMC gasoline engine. Single, rear-wheel steering and split, front-wheel traction assist pedals. Variable cutting heights. Hydraulic deck lift. Foot and parking brakes. Large-capacity fuel tank. Wheel-type steering, and more.

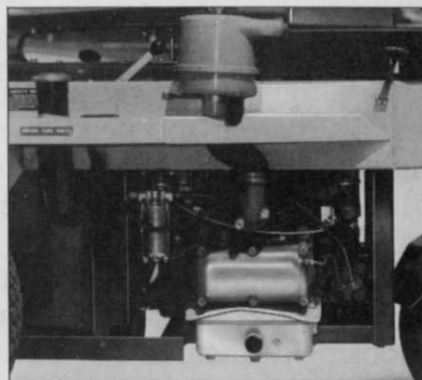
And now, optional decks, diesel power and specialized accessories make it even more productive.

In addition to the 72" mower deck, we now offer a 60" deck for smaller jobs. Both feature 12-gauge carbon steel construction, and are offset for close-up trimming.



For even greater economy and durability, the Front Line is now available with an optional water-cooled 4-cycle, 2-cylinder diesel engine.

And for year-round versatility, we've added hard-working optional accessories for the gas tractor. Like the new 60" chain-driven rotary broom. The roll-over protection structure and weatherproof cab set (also available for diesel). And the



new 48" snow thrower that can move up to 5,000 lbs. of snow per minute.

The Front Line. Tough enough to be a Cushman. Now versatile enough to pay off full time.

Call your Cushman dealer now for a demonstration.

CUSHMAN®

3031 Cushman, P.O. Box 82409
Lincoln, NE 68501
Call: 402/435-7208

Front Line™



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WT&T PRODUCTS

Ditch Witch has introduced the V250 lawn plow, a compact, 25-hp. vibratory plow. The V250 can make underground



installations of cable, plastic pipe, and other lines for water, power, and residential sprinkler systems. Its drive and plow lift systems work efficiently and dependably.

Write No. 701 on reader service card

Video Computerized System, Central Model 39500 has a video terminal with standard typewriter keyboard and a computer that can be located in a desk or wall mounted. It offers programming at the central terminal or from the field controller and total program displays on the video screen for fast change or review.

The system, from Royal Coach Sprinklers, has valves that can be programmed from 0 to 60 minutes in one-minute increments or 1 to 9 hours in one-hour increments. Automatic independent syringe program, 70 irrigation groups, and built-in rechargeable battery are other features.

Write No. 702 on reader service card

A 19 HP Wisconsin Diesel engine has been added to Bunton's rotary tractor line. This air-cooled engine has a forged crankshaft, cast iron cylinder, and die-cast aluminum crankcase. Its

fuel injection pump is automatically re-set by the governor for quick starts.

The tractor designed for the engine is made of 11- and 7-gauge steel and steered by a single rear wheel for a



shorter turning radius. A self-adjustment belt-tightening system helps prevent belt slippage in high, tough grass. Optional attachments include 71-inch and 61-inch out-front decks and a cab for the operator's comfort.

Write No. 703 on reader service card

Continues on page 91

Free from Hypro

Sprayer Pump Handbook



New Edition!

8 pages of helpful information to help you select and use your pumps better. Hookup diagrams for piston, roller and centrifugal pumps. Graphs of pump outputs, flow through spray nozzles. Data on pump and sprayer component selection plus much more. Send for your free copy now.

When you need pumps for sprayers or pressure wash systems, make your choice Hypro.



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Dependable Sprayers From Dobbins

MODEL 21165



Commercial Sprayers for Farm and Industry

65-Gallon polyethelene tank. Powerful single cylinder pump. Handles all types of pesticides, herbicides, soluble fertilizers and disinfectants. Can be converted to trailer hitch mount.



Many models to choose from. See your local jobber or write for free catalog.

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Sioux City, IA 51102
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MODEL 3187



Polyethylene Tank Sprayers for Commercial Applications

This single cylinder, medium pressure sprayer features a trailer hitch for attachment to garden tractors. It also comes with orchard gun which adjusts from steady stream to fine mist. The sturdy polyethylene tank is noncorrosive and lightweight.



DOBBINS.
POWER
SPRAYER

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THE GT-7. ITS CARRYING CAPACITY IS NO EMPTY CLAIM.



It has two seats and two headlights instead of one. It's easier to service, has undentable fenders and a diamond steel rear bumper.

You can buy it with a full line-up of accessories for aerating, seeding and spreading, top dressing or spraying.

One more thing. It sells for about the same price as the leading competitor. We don't mean to unload on them, but we just had to say some of these

things before you went ahead and bought their machine before trying our GT-7.

For a demonstration on your course, just call your E-Z-GO Branch Office or Distributor. They're in the Yellow Pages. Or call us at (612) 542-0516.



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