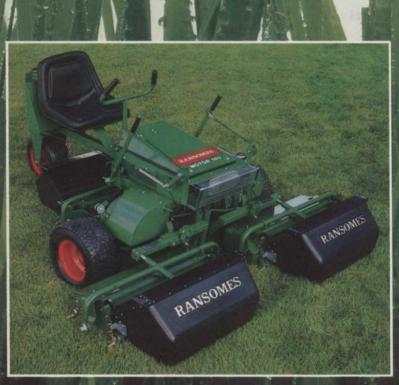
Because it grows on you.



We've just given our Motor 180 a big lift. Big lifts. So now, you can adjust ground clearance without ever leaving your seat. Add that to the Motor 180's purring engine, impressive 71" cutting width, stabilizing low center of gravity and wide wheel track, and you've given yourself a big lift. Raise your standards to a Ransomes Motor 180. It will grow on you.

grow on you.
See your Ransomes Bob Cat distributor for a personal demonstration or call Ransomes, Inc., One Bob Cat Lane, Johnson Creek, WI 53038, (414) 699-2000.

RANSOMES

BOB-CAT

The grass machine.

Circle No. 266 on Reader Inquiry Card

continued

Netting

Arthur Enterprises Inc J A Cissel Mfg Co Conwed Corp Ross Daniels Inc Delmarva Textile Co International Reforestation Suppliers Inc.

Netting, Erosion Control

Arthur Enterprises Inc Conwed Corp Delmarva Textile Co Enkamat Div American Enka Co Fox Valley Marking Systems Inc. International Reforestation Suppliers Inc

Nozzles & Accessories

Brovhill Co B & W Sales & Mktg Assoc Citrus Systems Inc Delavan Corp Erocon Pacific Corp FMC Corp Friend Mfg Corp Gilmour Mfg Co Great Northern Equipment Co Hahn Inc Hardie Irrigation **Hotsy Corp** Hydro Rain Hypro Div Lear Siegler Inc Kuker Industries Inc Lesco Inc Liqui*Lawn Corp Master Sprayers Inc Melnor Industries Micron Corp Pex Inc Power Spray Technology Inc D B Smith & Co Spraying Systems Co Strong Ent Inc Trebor Corp Tri-Con Inc Westheffer Co

Patio & Walkway Materials

Hoechst Fibers Industries Interlocking Paver Mfrs Assoc

Picnic Tables

Algoma Net Co American Playground Device Co **BigToys** Columbia Cascade Timber Co Kay Park Rec Corp Landscape Structures Inc Miracle Recreation Equipment Co Playworld Systems Trojan Playground Equipment Mfg Co

Pipe

Advanced Drainage Systems Inc

Planters

Architectural Precast Inc **BigToys** Clean City Squares Inc Columbia Cascade Timber Co Deep Root Corp Ellis Mfg Co International Harvester Co Landscape Structures Inc. Parker Interior Plantscape L J Rench & Co

Plants & Trees

Parker Interior Plantscape L J Rench & Co

Play Structures

American Playground Device Co **BigToys** Columbia Cascade Timber Co Delmer F Harris Co Landscape Structures Inc Miracle Recreation Equipment Co Playworld Systems Trojan Playground Equipment Mfg Co

Plows, Sand Trap

Dedoes Industries Inc Smithco Inc Toro Co Commercial Prods

Pools, Decorative

Fiberglass Unlimited Inc

Post Drivers

Deere & Co Dynamic Industries Inc McMillen Div Rhino Sales Corp Shaver Mfg Co

Post Hole Diggers

Allegheny International Hardware Group Arizona Power Equipment Co Bingham Equipment Co **Bush Hog Implements** Deere & Co Feldmann Engineering & Mfg Co Ford North American Tractor Operations Ground Hog Inc HMC/Green Machine Hoffco Inc **Kubota Tractor Corp** McMillen Div Melroe Div Clark Equipment Don Savage Co Seymour Mfg Co

Shaver Mfg Co Solo Inc Stihl Inc Tradewinds Inc Union Fork & Hoe Co Worksaver Inc Yanmar Tractor (USA) Inc.

Pressure Gauges

Agrotec Inc Broyhill Co Citrus Systems Inc FMC Corp Friend Mfg Corp Great Northern Equipment Co Irrometer Co Kuker Industries Inc. Master Sprayers Inc Minnesota Wanner Co Power Spray Technology Inc **Professional Turf Specialties** Smithco Inc Strong Ent Inc Westheffer Co

Pressure Washers

Agrotec Inc Best-Way Inc Broyhill Co Carmel Chemical Corp Citrus Systems Inc Deere & Co Delco Mfg Co **Dutton-Lainson Co** FMC Corp Ford North American Tractor Operations Friend Mfg Corp Hotsy Corp Kuker Industries Inc Llo-Mar Mfg Inc Minnesota Wanner Co National Chemsearch Northeast Industries Inc Pex Inc Sensation Power Equipment Div Gilson Bros Co Sioux Steam Cleaner Corp D B Smith & Co Solo Inc Strong Ent Inc Trebor Corp Tri-Con Inc Westheffer Co

Pruners

Allegheny International Hardware Group American Standard Co Bartlett Mfg Co Chisholm-Ryder Co Citrus Systems Inc Corona Clipper Co Deere & Co **Emblidge Corp** Fairmont Hydraulics Fanno Saw Works Friend Mfg Corp Halls Safety Equipment Inc HMC/Green Machine International Reforestation Suppliers Inc Jameson Corp



New Du Pont Landscape Fabric. It lets water through to give you healthier beds with less work.

New DuPont Landscape Fabric lets water pass through, reduces wash-away of mulch while it impedes weed growth. So you get healthier, more attractive plant beds with less maintenance work and cost.

Everything you apply for bed care gets to plant roots in the amount you want, where you want it. Water, fertilizers, herbicides and pesticides seep down through this chemically inert fabric to nourish and protect every plant in your bed.

DuPont Landscape fabric is easy to put down with scissors or knife. It comes in four roll sizes from 3- to 12-feet wide.

Call 800-441-7515 for the name of the nearest distributor and more information about DuPont Landscape Fabric. Or write DuPont Company, Room G40955, Wilmington, DE 19898.

Circle No. 113 on Reader Inquiry Card



continued

Karl Kuemmerling Inc Lesco Inc L J Rench & Co Safety Test & Equipment Co Seymour Smith & Son Inc Stanley Hydraulic Tools D J Wilson Co Hermann A Wirth

Pumps

Agrotec Inc Aquaturf Arizona Power Equipment Co Barebo Inc/Otterbine Broyhill Co Citrus Systems Inc Clinton Engines Corp Deppe Ag*Tec Ltd Encap Products Co FMC Corp Ford North American Tractor Operations Franklin Electric Co Friend Mfg Corp Great Northern Equipment Co Homelite Div Textron Inc. Hotsy Corp Hydroflo Corp

Hypro Div Lear Siegler Inc Jaeco Pump Co Kembro Inc Kuker Industries Inc Little Giant Pump Co Sub Tecumseh Prods Co Master Mfg Co Master Sprayers Inc. McCulloch Corp Minnesota Wanner Co F E Myers Co Parco Div Blue Mountain Prod Inc Peerless Pump Pex Inc Power Spray Technology Inc. Professional Turf Specialties Shindaiwa Inc Smithco Inc Solo Inc Strong Ent Inc Trees Inc Tuflex Mfg Co Vermeer Mfg Co Westheffer Co Winkler Hydraulics

Rakes, Landscape

Allegheny International Hardware Group Arthur Enterprises Inc Bartlett Mfg Co Bingham Equipment Co Ford North American Tractor Operations Fuerst Brothers Inc Glenmac Inc Kenyon Mfg Inc Lesco Inc Roseman Mower Corp Rugg Mfg Co Toro Co Commercial Prods Union Fork & Hoe Co Yanmar Tractor (USA) Inc York Modern Corp

Rain Sensors

Dayni Controls Mfg Co Hydro Terra Corp

Rock Pickers

Bingham Equipment Co Glenmac Inc Vermeer Mfg Co

Rollers, Lawn

Allegheny International Hardware Group Arizona Power Equipment Co Brinly-Hardy Co Brouwer Turf Equipment Ltd Cushman/Ryan-OMC Lincoln Ford North American Tractor Operations Gandy Co Northeast Industries Inc Ryan Turf/OMC Lincoln Smithco Inc



continued

Rope

Bartlett Mfg Co Halls Safety Equipment Inc. Karl Kuemmerling Inc Lesco Inc Power Lawnmower Parts Inc Safety Test & Equipment Co Samson Cordage Works

Safety Wear & Equipment

Arizona Power Equipment Co Bartlett Mfg Co Custom Products of Litchfield Inc Edmont Div Becton Dickinson & Co Friend Mfg Corp Halls Safety Equipment Inc Karl Kuemmerling Inc Lesco Inc Norton Co Safety Products Div Pex Inc Power Lawnmower Parts Inc Racal Airstream Inc. Safety Test & Equipment Co Westheffer Co

Saws

AEG Power Tool Corp Allegheny International Hardware Group Bartlett Mfg Co Citrus Systems Inc Corona Clipper Co Fairmont Hydraulics Fanno Saw Works Friend Mfg Corp Halls Safety Equipment Inc International Reforestation Suppliers Inc Jameson Corp Karl Kuemmerling Inc. Lesco Inc McCulloch Corp Milwaukee Electric Tool Corp Safety Test & Equipment Co Skil Corp

Scrapers

Allegheny International Hardware Group Bingham Equipment Co Bomford & Evershed Ltd **Bush Hog Implements** Industrial Leasing Corp International Harvester Co Massey-Ferguson Union Fork & Hoe Co

Screeners

Lindig Mfg Corp Royer Foundry & Machine Co

Seeders

Allegheny International Hardware Group Bowie Industries Inc

Brouwer Turf Equipment Ltd Erocon Pacific Corp Gandy Co Herd Seeder Co Industrial Leasing Corp Jacobsen Div Textron Inc Lambert Corp Lawnmaker Mfg Co Lesco Inc Meredith Seed Miser Olathe Mfg Inc Reinco Inc O M Scott & Sons Proturf Div Trac N Combo Vandermolen Corp Vaughan's Seed Co Vicon Farm Machinery Inc Worksaver Inc.

Seeders, Hydraulic

Bowie Industries Inc Cushman/Ryan-OMC Lincoln **Erocon Pacific Corp** Finn Corp Industrial Leasing Corp Trac N Combo Weldco (WA) Inc

Sharpeners

Foley-Belsaw Co Karl Kuemmerling Inc. Power Lawnmower Parts Inc

Shears

AEG Power Tool Corp Allegheny International Hardware Group Ames Co Bartlett Mfg Co Citrus Systems Inc Corona Clipper Co Deere & Co Deppe Ag*Tec Ltd Halls Safety Equipment Inc International Reforestation Suppliers Inc Karl Kuemmerling Inc L J Rench & Co Safety Test & Equipment Co Seymour Smith & Son Inc. D J Wilson Co Hermann A Wirth

Shelters

Koppers Co Miracle Recreation Equipment Co Playworld Systems W H Porter Inc Poligon/Cover-All Div

Shovels

Kenyon Mfg Inc

Snow Blowers

American Honda Motor Ariens Co

Roscoe Brown Corp J I Case Cushman/Ryan-OMC Lincoln Deere & Co Dynamic Industries Inc. Excel Industries Inc Ford North American Tractor Operations Goodall Div Bunton Co Grasshopper Co Gravely Haban Mfg Co Ingersoll Equipment Co International Harvester Co Jacobsen Div Textron Inc Kubota Tractor Corp Little Giant Products Inc Middlesworth Engineering & Mfg Inc MTD Products Inc Sensation Power Equipment Div Gilson Bros Co Simplicity Mfg Inc Smithco Inc Solo Inc Steiner Corp Sweepster Jenkins Equipment Co Toro Co Commercial Prods United Farm Tools Inc Wheel Horse Products Inc. Yanmar Tractor (USA) Inc Yazoo Mfg Co

Snow Plows

Ariens Co Bomford & Evershed Ltd Roscoe Brown Corp J I Case Deere & Co Goodall Div Bunton Co Gravely Guest Industries Inc Haban Mfg Co Ingersoll Equipment Co International Harvester Co Howard Price Turf Equip Smithco Inc Toro Co Commercial Prods United Farm Tools Inc. Western Products

Sod Cutters

Allegheny International Hardware Group Beck Mfg Co Brouwer Turf Equipment Ltd Cushman/Ryan-OMC Lincoln Guest Industries Inc Ryan Turf/OMC Lincoln Turfco Mfg Inc Union Fork & Hoe Co Young Industries

Sod Equipment

Brouwer Turf Equipment Ltd Jerry Clipper Nunes Mfa

Sod Harvester

Beck Mfg Co Brouwer Turf Equipment Ltd

continued

Nunes Mfg Princeton Mfg Co

Soil Fumigation

Citrus Systems Inc Hendrix & Dail Inc

Soil Mixers

Bouldin & Lawson Inc Roscoe Brown Corp Howard Rotovator Co Lindig Mfg Corp Royer Foundry & Machine Co Solo Inc Trees Inc Worksaver Inc

Soil Moisture Sensing Equipment

Howard S Crane Inc Dayni Controls Mfg Co Hardie Irrigation Hydro Terra Corp Irrometer Co Soilmoisture Equipment Corp

Soil Sampler

Clements Associates Inc Lesco Inc National Chemsearch P E Skaling Soilmoisture Equipment Corp Soilmoisture Equipment Corp Turfgrass Products Corp Westheffer Co

Soil Shredders

Lindig Mfg Corp Royer Foundry & Machine Co

Soil Test Labs

Hach Co
Hellige Inc
LaMotte Chemical Products Co
National Chemsearch
O M Scott & Sons Proturf Div
Sudbury Laboratory Inc
Vaughan's Seed Co

Soil Test Meters

Howard S Crane Inc
Hellige Inc
Kel Instruments Co
KEM Enterprises
Karl Kuemmerling Inc
LaMotte Chemical Products Co
Lesco Inc
P E Skaling Soilmoisture Equipment Corp

Soilmoisture Equipment Corp Sudbury Laboratory Inc

Sprayers

Agrotec Inc Arizona Power Equipment Co Bartlett Mfg Co Best-Way Inc B & G Equipment Co Bingham Equipment Co John Blue Co Bouldin & Lawson Inc Broyhill Co Buffalo Turbine Agricultural Equip Co B & W Sales & Mktg Assoc Carmel Chemical Corp Citrus Systems Inc Cushman/Ryan-OMC Lincoln Dedoes Industries Inc Deppe Ag*Tec Ltd **Dutton-Lainson Co Encap Products Co** E-Z Rake Inc **FMC Corp** Friend Mfg Corp Gilmour Mfg Co Great Northern Equipment Co. Green Pro Hahn Inc H D Hudson Mfg Co Professional Div Industrial Leasing Corp International Reforestation Suppliers Inc. Jacobsen Div Textron Inc Karl Kuemmerling Inc Kuker Industries Inc Lesco Inc Liqui*Lawn Corp Llo-Mar Mfg Inc Master Mfg Co Master Sprayers Inc Melnor Industries Micron Corp Minnesota Wanner Co F E Myers Co National Chemsearch Olathe Mfg Inc Parco Div Blue Mountain Prod Inc Pex Inc Power Spray Technology Inc **Professional Turf Specialties** Richardson Great Northern Mfg Inc RIGO Co Root-Lowell Corp Sidefire Inc Smithco Inc. D B Smith & Co Solo Inc Strong Ent Inc Strong Mfg Co Trebor Corp Tri-Con Inc Universal-Gerwin Div Vandermolen Corp Westheffer Co Wheel Spray Corp

Spray Guns

Agrotec Inc Arizona Power Equipment Co Best-Way Inc Broyhill Co B & W Sales & Mktg Assoc Citrus Systems Inc Cushman/Ryan-OMC Lincoln **Encap Products Co** FMC Corp Friend Mfg Corp Great Northern Equipment Co Hahn Inc H D Hudson Mfg Co Professional Div Kuker Industries Inc Lesco Inc Master Mfg Co Master Sprayers Inc Minnesota Wanner Co F E Myers Co Parco Div Blue Mountain Prod Inc Pex Inc Power Spray Technology Inc Root-Lowell Corp Smithco Inc Spraying Systems Co Strong Ent Inc Tri-Con Inc Tuflex Mfg Co Westheffer Co

Spray Units

Agrotec Inc Arizona Power Equipment Co Best-Way Inc Broyhill Co Citrus Systems Inc **FMC Corp** Friend Mfg Corp Great Northern Equipment Co Hahn Inc Hill's Liqui-Systems H D Hudson Mfg Co Professional Div Kuker Industries Inc Lesco Inc Master Sprayers Inc Minnesota Wanner Co F E Myers Co Parco Div Blue Mountain Prod Inc Pex Inc Power Spray Technology Inc Professional Turf Specialties Reinco Inc Richardson Great Northern Mfg Inc D B Smith & Co Smithco Inc Sorensen Sprayers Inc Strong Ent Inc Tri-Con Inc Tuflex Mfg Co Westheffer Co

Spray Units, Mixer Proportioners

Broyhill Co
Chemilizer Products Inc
FMC Corp
Friend Mfg Corp
Great Northern Equipment Co
Minnesota Wanner Co
Pex Inc
Power Spray Technology Inc
Strong Ent Inc
Westheffer Co
Young Industries

Spreaders

Allegheny International Hardware Group Ames Co

When toughness and beauty count, why compromise? Go with Warren's A-34 BenSun® Kentucky Bluegrass Seed or Sod.



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

10 = very best	1 = very poor	
VARIETY	QUALITY	DENSITY
Warren's A-34 BenSun®	9.0	8.5
Average of top 10 competitors	7.32	6.38
Source: Purdue University, November,	1983-Field Day	

Warren's A-34 BenSun®

Kentucky Bluegrass

23% 33% Better Better

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

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

For the professional groundskeepers that run these operations, there's no room for compromise. When toughness and beauty count, they go with the PROs-Warren's A-34 BenSun® Kentucky Bluegrass Seed and Sod supplied by their Warren's Turf Professional.

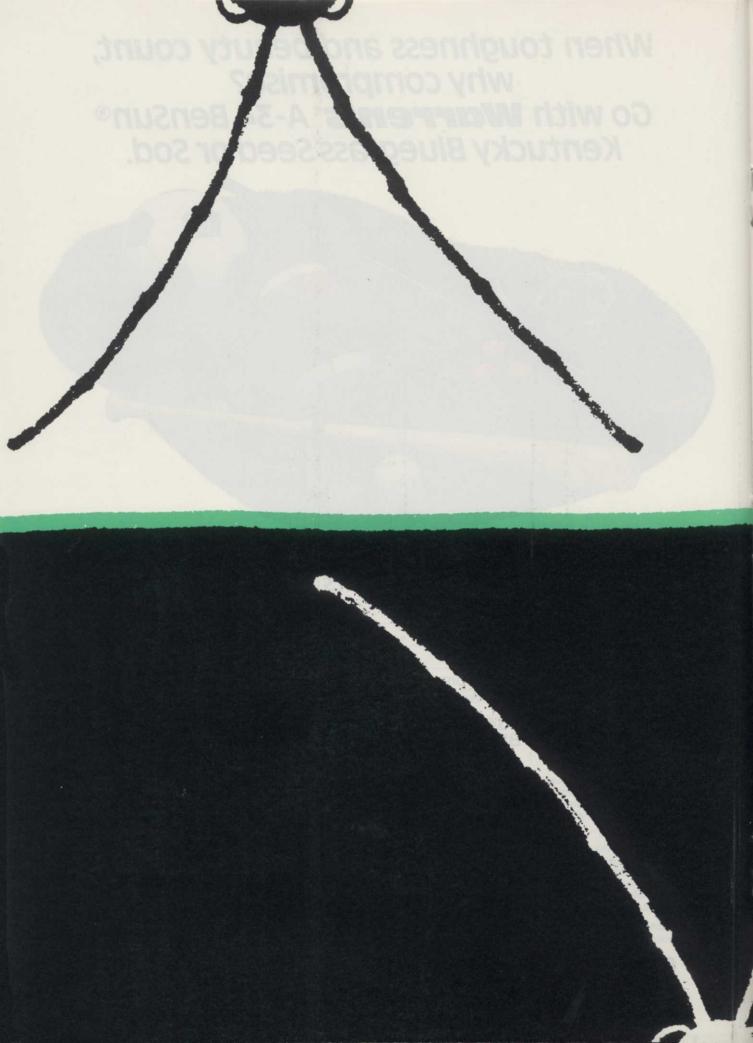
"Wherever <u>you</u> put down roots, go with the PROs."



7502 South Main Street · Crystal Lake, Illinois

Call 1-800-828-TURF(8873) for the name and address of your nearest

Warren's Turf Professional. Circle No. 173 on Reader Inquiry Card



Above and below the call of duty.

Only D-z-n[®] destroys 52 surface <u>and</u> sub-surface insects.

You know that insects can wreak havoc in lawns and ornamentals.

But D-z-n diazinon gets them where they live. Above and below the soil line. Sod webworms, chinch bugs, armyworms, aphids and more. Including grubs, cutworms and other sub-soil pests. With a quicker kill and longer residual control.

When safety counts.

D-z-n diazinon is so safe it's non-restricted. Use it near homes, hospitals or schools. You need no special clothing or protective equipment.

Mix D-z-n with fertilizers and fungicides. In liquid, granular or powder formulations. The choice is yours. D-z-n diazinon. From the people who invented diazinon over 20 years ago.

Ciba-Geigy, Ag Division, Box 18300, Greensboro, NC 27419.

D-z-n. The bug stops here.

CIBA-GEIGY

Circle No. 245 on Reader Inquiry Card

continued

Arctic Mizer Manufacturers Arizona Power Equipment Co John Blue Co B & W Sales & Mktg Assoc Central Engineering Co Central Quality Ind Inc Country Mfg Inc Cushman/Ryan-OMC Lincoln Deppe Ag*Tec Ltd Gandy Co Jonathan Green & Sons Inc Hahn Inc Herd Seeder Co Highway Equipment Co Industrial Leasing Corp Jacobsen Div Textron Inc F D Kees Mfg Co Lesco Inc National Chemsearch PBI-Gordon Corp Precision Products Inc O M Scott & Sons Proturf Div Seymour Mfg Co Sorensen Sprayers Inc Sta-Green Plant Food Co Swenson Spreader Co Trac N Combo Vandermolen Corp Vicon Farm Machinery Inc Warren's Turf Nursery Inc

Western Products Westheffer Co

Sprig Planters

Finn Corp

Straw Blowers

Bowie Industries Inc. Finn Corp Reinco Inc

Stump Cutters

Chipmore Mfg Co Heckendorn Mfg Co Karl Kuemmerling Inc. Lindig Mfg Corp Olathe Mfg Inc Promark Products Inc Rayco Mfg Inc Sidefire Inc Vermeer Mfg Co Winkler Hydraulics

Sweepers

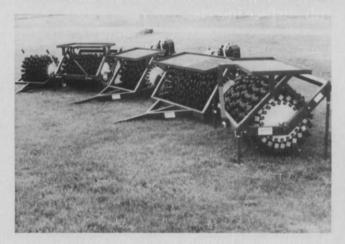
Ariens Co Arizona Power Equipment Co Atwater Strong Div

Billy Goat Industries Inc Bingham Equipment Co Brouwer Turf Equipment Ltd J I Case Central Engineering Co Dynamic Industries Inc. Ford North American Tractor Operations Giant Vac Mfg Inc Grasshopper Co Gravely Industrial Leasing Corp Ingersoll Equipment Co Jacobsen Div Textron Inc Lambert Corp Little Giant Products Inc Mathews Equipment Co Melroe Div Clark Equipment MTD Products Inc Olathe Mfg Inc Parker Sweeper Co Precision Products Inc Smithco Inc Sweepster Jenkins Equipment Co Tennant Co Toro Co Commercial Prods Turf Vac Corp Yard Vac Prods Inc Yazoo Mfg Co

Tanks, Fiberglass

Agrotec Inc Best-Way Inc Broyhill Co

TERRACARE AERATORS

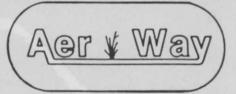


Your Fast, Easy Method to Aerate

The low maintenance and ease of operation will pay for Terra in very short time. Your Terra will leave the surface in excellent condition.

TERRACARE PRODUCTS CO., INC.

P.O. Box 506 Pardeeville, Wisconsin 53954 Circle No. 166 on Reader Inquiry Card The fast, efficient, low cost way to turfgrass aeration



NOW* - Topdress and/or overseed simultaneously with our seed-box attachment.
- "Special" no-tear bent grass rollers.



The AER-WAY is a low maintenance, low energy aerifier designed especially for hard, compacted traffic and playing areas and sod estab-lishment. The tines are 7" long and the unique, patented design fractures the soil between the tines enhancing the soil profile and its natural capillary action. This allows air, moisture and fertilizer to get to the root system promoting maximum growth and producing thicker, greener turf. And you save on fertilizer and irrigation usage.

Contact us for the name of your nearest AER-WAY dealer.



Holland Equipment Limited P.O. Box 339, 20 Phoebe St. Norwich, Ontario NOJ 1P0 Telephone: (519) 863-3414