Choose the utility tractor that’ll best measure up to your jobs.

There’s hardly any grounds maintenance job too big for the new John Deere 2150 and 2350 Utility Tractors. These 45- and 55-PTO-hp models are totally John Deere designed and built to stand up to jobs many utility tractors back away from.

They’re equipped with standard features you’d expect to find only on larger, more expensive tractors. Proven John Deere features that add up to the kind of reliability we’ve built a tradition on.

Like our smooth-running, fuel-efficient diesel engines. Both the 3- and 4-cylinder in the 2150 and 2250, respectively, are built tough for years of hard work and high productivity.

Shift on-the-go with the synchronized transmission featuring 8 forward and 4 reverse speeds. Double the number of speeds by choosing the Hi-Lo option. An optional shuttle-shift lets you change direction without clutching.

For jobs that require extra traction, choose the optional mechanical front-wheel drive. It engages on-the-go with the push of a button, and works together with the rear differential lock to boost traction.

John Deere closed-center hydraulics respond instantly to tough work demands. The high-pressure system provides hydraulic muscle for steering, braking, 3-point-hitch implements, remote cylinders and hydraulic motors.

The 2150 and 2350 are “human engineered” to enhance operator productivity. Features like a deluxe adjustable seat, color-coded controls, and hand and foot throttles help shorten long days.

Outfit the tractors with capacity-matched John Deere implements to speed up almost any job. And choose optional equipment to exactly suit your needs.

For the name of the nearest dealer, or a free folder on the John Deere diesel utility tractors, call 800-447-9126 toll free (800-322-6796 in Illinois) or write John Deere, Dept. 69, Moline, Illinois 61265.

Nothing Runs Like A Deere®

Circle No. 111 on Reader Inquiry Card

SEPTEMBER 1983/WEEDS TREES & TURF 41
Equipment

continued

Custom Products of Litchfield Inc
Edmont Div Becton Dickinson & Co
Fox Valley Marking Systems Inc
Friend Mfg Corp
Halls Safety Equipment Inc
Norton Co Safety Products Div
Safety Test & Equipment Co
D B Smith & Co
Westheffer Co

Saws

Allegheny International Hardware Group
Bartlett Mfg Co
Citrus Systems Inc
Fairmont Hydraulics
Halls Safety Equipment Inc
International Reforestation Suppliers Inc
Limb-Lopper Div/Robinson Ind
Milwaukee Electric Tool Corp
Power Lawnmower Parts Inc
Sawhorse Inc
Sears

Allegheny International Hardware Group
Bartlett Mfg Co
Citrus Systems Inc
Fairmont Hydraulics
Halls Safety Equipment Inc
International Reforestation Suppliers Inc
Limb-Lopper Div/Robinson Ind
Milwaukee Electric Tool Corp
Safety Test & Equipment Co
Skill Corp
Seymour Smith & Son Inc
Stanley Hydraulic Tools
Union Fork & Hoe Co

Scrapers

Allegheny International Hardware Group
Bomford & Evershed Ltd
Eversman Mfg Co
International Harvester Co
Kenyon Mfg Inc
Massey-Ferguson
Union Fork & Hoe Co
York Rakes Div York Modern Corp

Screeners

Lindig Mfg Corp
Royer Foundry & Machine Co

Seeders

Allegheny International Hardware Group
Bowie Industries Inc
Erocon Pacific Corp
Finn Corp
Friend Mfg Corp
Reinco Inc
Solarcell Land & Bldg Inc
Trac N Combo
Weldco (WA) Inc

Seeders, Hydraulic

Bowie Industries Inc
Erocon Pacific Corp
Finn Corp
Friend Mfg Corp
Reinco Inc
Solarcell Land & Bldg Inc
Trac N Combo
Weldco (WA) Inc

Sharpeners

Power Lawnmower Parts Inc

Shears

Allegheny International Hardware Group
American Standard Co
Deere & Co
International Reforestation Suppliers Inc
Limb-Lopper Div/Robinson Ind
Safety Test & Equipment Co
Seymour Smith & Son Inc
Stanley Hydraulic Tools
Union Fork & Hoe Co
D J Wilson Co
Hermann A Wirth

Shelters

Koppers Co
Miracle Recreation Equipment Co
Poligon Div W H Porter Inc

Snow Blowers

American Honda Motor
Ariens Co
Atlas Tool & Mfg Co
Beard-Poulan/Weed Eater Div
Roscoe Brown Corp
Bunton Co
J I Case
Cushman Ryan/OMC Lincoln
Deere & Co
Dynamic Industries Inc
Excel Industries Inc
Ford Motor Co Tractor Operations
Goodall Div Bunton Co
Grasshopper Co
Gravely
Haban Mfg Co
Hanson Equipment Co
Jacobsen Div Textron Inc
Kubota Tractor Corp
Lawn-Boy Product Group
Little Giant Products Inc
MTD Products Inc
Sensation Div Gilson Bros Co
Solo Inc
Steiner Corp
Sweepster
Toro Co Commercial Pros
Wheel Horse Products Inc
Yanmar Tractor (USA) Inc
Yazoo Mfg Co

Snow Plows

Ariens Co
Bomford & Evershed Ltd

Sod Cutters

Allegheny International Hardware Group
Beck Mfg Co
Brower Turf Equipment Ltd
Cushman Ryan/OMC Lincoln
Guest Industries Inc
Ryan Turf/OMC Lincoln
Turfo Mfg Inc

Sod Equipment

Brower Turf Equipment Ltd
Fuest Brothers Inc
Kenyon Mfg Inc
Nunes Mfg
Presto Products Inc
Raverty’s Sod Blades

Sod Harvester

Beck Mfg Co
Brower Turf Equipment Ltd
Nunes Mfg
Princeton Mfg Co

Sod Moisture Sensing Equipment

Dayni Controls Mfg Co
Encap Products Co
Hydro Terra Corp
Inrometer Co
Kel Instruments Co
Lumenite Electronic Co
Soilmoisture Equipment Corp

Sod Sampler

Clements Associates Inc
National Chemsearch
P E Skaling Soilmoisture Equipment Corp
Soilmoisture Equipment Corp
Turfgrass Products
How to succeed by flailing

Read how others did it with MOTT flail mowers.

- Mow fine lawns • Shred weeds • Mulch leaves • Renovate at lower cost through longer life with greater safety!

T-38
38" pull type, self-powered, gangable to 9'

Heavy Duty
48", 60", 72", fine cut only, reversible

Super Heavy Duty
48", 60", 74", 88" fine or coarse cut for higher h.p. tractors.

Interstater®
48", 60", 74", 88" units fine or coarse cut single or dual sides

MOTT CORPORATION
500 Shawmut Avenue • P.O. Box 514 • LaGrange, Illinois 60525 • (312) 354-7720

Circle No. 165 on Reader Inquiry Card

SEPTEMBER 1983/WEEDS TREES & TURF 43
Equipment continued

**Soil Shredders**
- Lindig Mfg Corp
- Royer Foundry & Machine Co
- W-W Grinder Inc

**Soil Test Labs**
- Encap Products Co
- Hach Co
- Helige Inc
- LaMotte Chemical Products Co
- National Chemsearch
- O M Scott & Sons Proturf Div
- Sudbury Laboratory Inc
- Vaughan’s Seed Co

**Spray Guns**
- Agrotec Inc
- B & W Sales & Mktg Assoc
- Citrus Systems Inc
- Cushman Ryan/OMC Lincoln
- Encap Products Co
- FMC Corp
- Friend Mfg Corp
- Hanson Equipment Co
- H D Hudson Mfg Co Professional Prods Div
- Lakeshore Equipment & Supply
- Master Mfg Co
- Master Sprayers Inc
- Melnor Industries
- F E Myers Co
- Orion Chemical Inc
- Parco Div Blue Mountain Prod Inc
- Power Spray Technology Inc
- Spraying Systems Co
- Strong Ent Inc
- Tri-Con Inc
- Tuflex Mfg Co
- Westheffer Co

**Spray Units**
- Agrotec Inc
- Broyhill Co
- Chemizer Products Inc
- Citrus Systems Inc
- Encap Products Co
- FMC Corp
- Friend Mfg Corp
- Hahn Inc
- Hanson Equipment Co
- Hill’s Liqui-Systems
- H D Hudson Mfg Co Professional Prods Div
- Master Sprayers Inc
- Melnor Industries
- Minnesota Wanner Co
- Northeast Industries Inc
- Orion Chemical Inc
- Parco Div Blue Mountain Prod Inc
- Power Spray Technology Inc
- Professional Turf Specialties
- Sorensen Sprayers Inc
- Strong Ent Inc
- Trebor Corp
- Tri-Con Inc
- Tuflex Mfg Co
- Westheffer Co
- Wheel Spray Corp

**Spreaders**
- Allegheny International Hardware Group
- Arctic Mizer Manufacturers
- John Blue Co
- Brinly-Hardy Co
- B & W Sales & Mktg Assoc
- Central Engineering Co
- Cushman Ryan/OMC Lincoln
- E-Z-Go Golf Car
- Gandy Co
- Oliver Godwin
- Hahn Inc
- Herb Seeder Co
- Highway Equipment Co
- F D Kees Mfg Co
- Lakeshore Equipment & Supply
- National Chemsearch
- Orion Chemical Inc
- PBI-Gordon Corp
- Precision Products Inc
- O M Scott & Sons Proturf Div
- Seymour Mfg Co
- Solo Inc
- Sorensen Sprayers Inc
- Sta-Green Plant Food Co
- Swenson Spreader Co
- Trac N Combo
- Vandermolen Corp
- Vicon Farm Machinery Inc
- Western Products
- Wheel Spray Corp

**Sprig Planters**
- Beck Mfg Co
- Bowie Industries Inc
- Nunes Mfg

**Straw Blowers**
- Bowie Industries Inc
- Finn Corp
- Reinco Inc

**Stump Cutters**
- Heckendorn Mfg Co
- Lindig Mfg Corp
- Olathe Mfg Inc
- Promark Products Inc
- Vermeer Mfg Co

**Sweepers**
- Ariens Co
- Atwater Strong Div
- Billy Goat Industries Inc
- Brouwer Turf Equipment Ltd
- J I Case
- Central Engineering Co
- Dynamic Industries Inc
- Giant Vac Mfg Inc
- Gravely
- Jacobsen Div Textron Inc
- Lambert Corp
- Little Giant Products Inc
- Mathews Co
1983 ANNUAL CONFERENCE & TRADE SHOW

OCTOBER 17, 18, 1983
CINCINNATI MARRIOTT
CINCINNATI, OHIO

SPEAKERS
Dr. Mike Dirr, Un. of Georgia
Woody Ornamentals for Zones 4, 5, 6
Dr. Bill Daniel, Purdue Un.
What’s Modern in Sport’s Turf
Dr. Roger Funk, Davey Tree Co.
Tree Transplanting & Fertilization Practices
Dr. Robert Miller, Chemlawn Corp.
Pesticide Controversy
Dr. Chuck Powell, Ohio State Un.
Holistic Plant Health Management
George Wright, Service Eng. Assoc.
Motivation and Self Management

Professional Grounds Management Society
7 Church Lane
Pikesville, Maryland 21208
(301) 653-2742

Circle No. 127 on Reader Inquiry Card
Equipment

continued

MTD Products Inc
Nunes Mfg
Olathe Mfg Inc
Parker Sweeper Co
Precision Products Inc
Steiner Corp
Sweeper
Tennant Co
Toro Co Commercial Prods
Tuflex Mfg Co
Turf Vac Corp
Yard Vac Prods Inc
Yazoo Mfg Co

Tanks, Fiberglass
Agrotec Inc
Broyhill Co
Citrus Systems Inc
Fiberglass Unlimited Inc
Friend Mfg Corp
Hanson Equipment Co
Hydroflo Corp
Jaeco Pump Co
Kay Park Rec Corp
Marco Sprayers
Master Sprayers Inc
F E Myers Co
Orion Chemical Inc
Power Spray Technology Inc
Professional Turf Specialties
Sorensen Sprayers Inc
Strong Ent Inc
Westheffer Co

Tanks, Metal
Agrotec Inc
John Blue Co
Broyhill Co
Clinton Engines Corp
Finn Corp
Friend Mfg Corp
H D Hudson Mfg Co Professional Prods Div
Hydroflo Corp
Kay Park Rec Corp
Minnesota Wanner Co
Professional Turf Specialties
Strong Ent Inc
Westheffer Co

Tillers, Tractor-Mounted
Howard Rotovator Co

Tool Boxes
Deere & Co
Handy Mandy Mfg
Milwaukee Electric Tool Corp
Nev-Rust Tool-Tainer Inc
Reading Body Works Inc
Rotocast Plastic Products Inc

Topdresser
John Blue Co
Cushman Ryan/OMC Lincoln

E-Z-Go Golf Car
Hahn Inc
Olathe Mfg Inc
Tufco Mfg Inc
Vicon Farm Machinery Inc

Tractors & Attachments
American Trencher
Ariens Co
Roscoe Brown Corp
Bunton Co
J I Case
Cushman Ryan/OMC Lincoln
Deere & Co
Engineering Products Co
FMC Bolens Corp
Ford Motor Co Tractor Operations
Goodall Div Bunton Co
Gravely
Haban Mfg Co
International Harvester Co
Jacobsen Div Textron Inc
K-D Manitou Inc
Kubota Tractor Corp
Long Mfg NC Inc
Massey-Ferguson
McMillen Div
Mitsubishi AG Machinery Co Ltd
Morbak Industries Inc
MTD Products Inc
Ransomes Inc
Sensation Div Gilson Bros Co
Steiner Corp
Tiger Corp
Toro Co Commercial Prods
Wheel Horse Products Inc
Yamaha Motor Corp
Yanmar Tractor (USA) Inc
Yazoo Mfg Co

Trailers
Ariens Co
John Blue Co
Bock Industries Inc
Deere & Co
Ditch Witch
Eagle Vehicles Inc
E-Z-Go Golf Car
Giant Vac Mfg Inc
Handy Mandy Mfg
Holsclaw Brothers Inc
Jacobsen Div Textron Inc
Lifetime Products
Magline Inc
Minnesota Wanner Co
Olathe Mfg Inc
Precision Products Inc
Prentek Corp
Rivex Industries Inc
Snowco
Trans-Tree Corp
Wells Cargo Inc
Yazoo Mfg Co

Traps, Animal
Woodstream Corp

Tree Movers, Spades
Big John Tree Transplanter Mfg Inc
Caretree Systems Inc

Tractors & Attachments
American Trencher
Ariens Co
Roscoe Brown Corp
Bunton Co
J I Case
Cushman Ryan/OMC Lincoln
Deere & Co
Engineering Products Co
FMC Bolens Corp
Ford Motor Co Tractor Operations
Goodall Div Bunton Co
Gravely
Haban Mfg Co
International Harvester Co
Jacobsen Div Textron Inc
K-D Manitou Inc
Kubota Tractor Corp
Long Mfg NC Inc
Massey-Ferguson
McMillen Div
Mitsubishi AG Machinery Co Ltd
Morbak Industries Inc
MTD Products Inc
Ransomes Inc
Sensation Div Gilson Bros Co
Steiner Corp
Tiger Corp
Toro Co Commercial Prods
Wheel Horse Products Inc
Yamaha Motor Corp
Yanmar Tractor (USA) Inc
Yazoo Mfg Co

Tree Protectors
International Reforestation Suppliers Inc

Tree Wrap
Bartlett Mfg Co
Buss Daniels Inc
General Bandages Inc
Hoechst Fibers Industries

Trenchers
American Trencher
Auburn Consolidated Industries Inc
Roscoe Brown Corp
J I Case Drott Div
Clark Equipment Co Melroe Div
Ditch Witch
Ford Motor Co Tractor Operations
Ground Hog Inc
Little Giant Products Inc
Seaman Co
Vermeer Mfg Co

Trimmers, Line
Beaird-Poulan/Weed Eater Div
Black & Decker Mfg Co
Bunton Co
Deere & Co
Echo Inc
Goodall Div Bunton Co
Halls Safety Equipment Inc
HMC/Green Machine
Hoffco Inc
Homelite Div Textron Inc
Lawn-Boy Product Group
Limb-Lopper Div/Robinson Ind
Orion Chemical Inc
Poulan/Weed Eater
Power Lawnmower Parts Inc
Safety Test & Equipment Co
Seymour Smith & Son Inc
Stihl Inc
Toro Co Commercial Prods
Yazoo Mfg Co

Trucks/Truck Bodies
John Blue Co
Bock Industries Inc
Chevrolet Motor Div
Handy Mandy Mfg
Henderson Mfg Div Waycrosse Inc
Hi-Ranger
International Reforestation Suppliers Inc
La Font Corp
Pitman Div
Prentek Corp
Professional Turf Specialties
Reading Body Works Inc
Rokor Inc
Stihl Inc
Strong Ent Inc
IT CAN'T BE DRIVEN INTO THE GROUND.

Put a Kubota diesel tractor to work and watch it go. Watch it load, mow, rotary till and dig. There's just one thing that you'll rarely see a Kubota do. Quit.

That's because it's powered by a strong diesel engine. It operates with less noise. Less vibration. And with no carburetor, spark plugs or distributor to wear out, there's less maintenance.

There's still another reason Kubota tractors keep running on and on and on. These small and mid-sized models all come with features usually only found on larger tractors.

The L355SS model digging in here is a good example. A 4-cylinder 29 PTO diesel workhorse, it does all kinds of commercial landscaping, industrial and loader tractor jobs.

And the L355SS is the only tractor of its size with hydraulic shuttle-shift. It goes from forward to reverse without using the clutch or gearshift.

Thanks to power steering and our unique 4-wheel-drive system with bevel gears, this tractor is also remarkably maneuverable in a tight spot.

The L355SS and all Kubota B- or L-Series models are guaranteed to be dependable for a long time. Our two-year limited warranty is unmatched by other manufacturers. Your dealer has complete details.

So stop by your Kubota dealer soon. While you can't drive our tractors into the ground, you can take 'em for a test drive.
2. Equipment Companies

**Advanced Drainage Systems Inc**
3300 Riverside Dr
Columbus OH 43221
614-457-3051

**Ag-Rain Inc**
600 S Schrader
Havana IL 62644
309-543-4425

**Agrotec Inc**
Hwy 35 N
PO Box 49
Pendleton NC 27662
919-585-1222

**Algoma Net Co**
1525 Mueller St
Algoma WI 54201
414-487-5577

**Allegheny International Hardware Group**
PO Box 3500
Shiremanstown PA 17011
717-737-1500

**Alpina North America**
Box 301
Northport WA 99157
604-367-9202

**American Enka Co**
Enka NC 28728
704-667-7668

**American Honda Motor Co**
100 W Alondra Blvd
Gardena CA 90247
213-327-8280

**American Approved Equipment**
American Playground Device Co
1801-31 S Jackson St
PO Drawer 2599
Anderson IN 46011
317-642-0288

**American Stamp Co**
PO Box 741
Reseda CA 91335
213-881-2808

**American Standard Co**
West St
PO Drawer 2599
Anderson IN 46011
317-642-0288

**ARMS**
225 N Grand Ave
Waukesha WI 53186
414-548-6511

**Aquamarine Corp**
225 N Grand Ave
Waukesha WI 53186
414-548-6511

**Aquatic Irrigation Systems Inc**
619 E Gutierrez St Ste E
Santa Barbara CA 93103
805-965-5125

**Aquaturf**
11363 San Jose Blvd
Jacksonville FL 32217
904-268-6707

**Arctic Mizer Manufacturers**
2120 E Norwich St
St Francis WI 53207
414-756-2141

**Asplundh Mfg Div**
50 E Hamilton St
Chalfont PA 18914
215-822-0542

**Atlas Tool & Mfg Co**
710 S Grand Ave
When it comes to professional, comprehensive turf management, no one can match the ability or commitment of Pro-Lawn and your Pro-Lawn Specialist.

Pro-Lawn Specialists are highly trained turf management experts with the know-how and long-term experience it takes to answer all your needs. And since there's a Pro-Lawn Specialist in your area, you get results—fast.

From informing you of the latest research findings, to turf problem analysis, to determining fertilizer, chemical and seed needs, to supplying a full selection of quality products, to ensuring fast delivery—your Pro-Lawn Specialist does it all. With the on-staff assistance of dedicated research technicians, scientists and state-of-the-art technology.

Unlike other turf companies that act as distributors for other people's products, Pro-Lawn not only distributes a variety of products, but also manufactures much of its own fertilizer and chemicals. And Pro-Lawn produces seed to provide custom seed mixing capabilities—to your specifications. This one source service means economy and efficiency; and assures you that Pro-Lawn's high quality standards are met everyday.

Whether you need technical services, an entire turf management program or simply a reliable supplier of turf maintenance products, send the coupon below to:

Pro-Lawn Products Inc.
PO Box 4908
Syracuse, NY 13221.

YES! I WANT A FREE PRO-LAWN TURF PRODUCTS CATALOG!

<table>
<thead>
<tr>
<th>Business:</th>
<th>Attn:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td>State:</td>
</tr>
<tr>
<td>Zip:</td>
<td>Phone:</td>
</tr>
<tr>
<td>Best Time to Call:</td>
<td>WT</td>
</tr>
</tbody>
</table>

Circle No. 166 on Reader Inquiry Card
BUNTON: WHEN YOU KNOW ONE...

Variable speed drive on tractors and self-propelled mowers independent of engine and blade-tip speed.

Finger-tip steering on self-propelled mowers and precision steering gear on tractors for highest maneuverability.

Blade engagement control.

Commercial engines matched to mower size and mowing conditions.

Wide range of cutting heights.

Close trimming deck designs.

Turf wheels available on 36 inch widths and up negotiate rough terrain. Wheels for fine lawns available on 52 inch widths and smaller.

Pneumatic tires with puncture proof sealant on 32 inch widths and up.

Roller bearing and grease fittings.

Heavy gage welded steel construction. Reinforced at stress points.

Suction-lift, sickle steel blades mulch and discharge clippings evenly to right hand side.

Large selection of cutting widths.

Contract numbers
G.S.A. GS-07S-07659
H.U.D. OPH (C0)m-3650