



# 7

## Models of commercial walk-behind mowers

12.5 to 17 hp...38-, 48- or 54-inch cut

- Pressure-lubricated engines with overhead valves, cast-iron cylinder liners for long life.

- Five-speed gear-drive transmission (with reverse) can be shifted on the go.

- Wet-disk clutches are lubricated and fully enclosed for durability. No external drive belts. No

moisture-induced traction loss.

- Trunnion-mounted mower deck, with pneumatic casters in front and anti-scalp wheels in rear, oscillates 7 inches to follow ground contours.

- Crank-type height adjustment system is mounted in center of deck. Adjusts quickly without tools from 3/4 to 4 in.

- Color-coded controls, conveniently mounted on handlebars or handlebar console.

- Operator presence system has three positions for added safety—drive, neutral and stop.

- Hourmeter and low-pressure indicator light are standard.

- Tricycler® mulching attachment available.

# 3

## Models of utility tractors

40-, 50- and 60-PTO hp

- 5200, 5300 and 5400 tractors have high-value features at very competitive prices.
- John Deere 3-cylinder liquid-cooled diesel engines; naturally aspirated on the 5200 and 5300, turbocharged on the 5400.
- Collar-shift transmission (9 forward, 3 reverse speeds) with in-line shift capability between forward and reverse for more productive loader work.
- Optional Top-Shaft Synchronized Transmission (TSS) for shift-on-the-go capability within each range and between forward and reverse.
- Open-center hydraulics. Tandem-gear pump (7.2 gpm for steering, 11.4 gpm for hitch and SCVs) for faster loader cycle times.
- Electronic instrumentation—hourmeter/tachometer, fuel and temp gauges, oil and alternator indicator lights, air cleaner restriction light and PTO light.
- Inboard planetary final drives spread load over three points for less stress on individual parts.
- Optional mechanical front-wheel drive with 55-degree turn angle.



5200 . 5300 . 5400



## 8 Models of compact utility tractors

18.5- to 38.5- engine hp

- Choose from three hydrostatic drive and five gear drive models.
- Three- or four-cylinder, liquid-cooled diesel engine.
- Hydrostatic transmission (755, 855 and 955) with patented 2-pedal control of speed and direction.
- Sliding gear transmission (8 forward and 2 reverse speeds) on 670 and 770; or collar shift or synchromesh transmission (9 forward, 3 reverse speeds) on the 870, 970 and 1070.
- Mid- and rear-PTOs can be operated separately or simultaneously. Allows such functions as mowing and fertilizing, or snow blowing and salt spreading at same time.
- Operator presence system shuts down PTO if operator leaves seat with PTO engaged.
- Quik-Tatch™ system for hookup of most implements in five minutes or less, without tools.
- Shift-on-the-go mechanical front-wheel drive (standard on the 955, optional on other models) for better traction.
- Wide variety of commercial and landscaping attachments are available.

# 4

## New models of skid-steer loaders\*

17 to 49 diesel horsepower

- Big-job versatility. John Deere diesel-powered skid-steers have more than 15 new attachments for most construction, landscaping and industrial jobs.
- Choose from: trenchers, cold planers, augers, forestry jaws, bale spear, landscape rakes, buckets, tooth bars, scrap grapple buckets, pallet forks, brooms, four-in-one buckets, hydraulic breakers, tracks and more.
- 3375 is perfect for tight quarters—stands just 36 inches wide.
- 4475, 6675 and 7775 have vertical-lift booms that keep bucket reach nearly the same at both ends of the cycle, and help stabilize the load.
- Big-man operator station on 4475, 6675 and 7775 makes entry and exit easier. Overhead electronics spell out vital functions.
- 4475, 6675 and 7775 all have heavy-duty boom arm frames and cast-iron axle housings for years of reliable performance. Dual endless drive chains that rarely need adjusting. And “all-around” engine access for easy servicing when booms are down.

\* Skid-steer loaders are available only at select John Deere dealers. For the one nearest you, call 1-800-503-3373.



**3375 . 4475 . 6675 . 7775**

# 2

## Models of utility vehicles

Gator® 4x2 and 6x4



- Gator 4x2 (4 wheels with 2-wheel drive) has a 10-hp air-cooled engine. Gator 6x4 (6 wheels with 4-wheel drive) has an 18-hp, liquid-cooled, V-twin engine.
- Big-capacity boxes—500 lb. on 4x2, 800 lb. on 6x4.
- Big towing capacities—750 lb. for 4x2, 1,200 lb. for 6x4.
- Two front wheels, low center of gravity, and maximum ground speed of 15.5 mph provide stability and safer operation.
- Rack-and-pinion steering and independent single A-Arm suspension for smooth, responsive control off-road.
- Exclusive wet-disk brakes on both output shafts for positive stopping and long life.
- Best flotation in the industry. With 200 lb. operator and vehicle fully loaded, ground pressure is only 71 psi for 6x4 and 75 psi for 4x2.
- Heavy-duty design, arc-welded uni-body construction for strength.
- Propane conversion kit available.



**GATOR 4x2 . GATOR 6x4**

#1

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1/94 • LKD

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place sugar maple. In 20 of 27 communities surveyed in the Index, the silver maple was the most common tree, and in five more communities it ranked second. In 25 of the communities, at least one species of tree comprises more than 15 percent of total trees. In 20 of the communities, it is the silver maple.

Other trees that exceed 15 percent in individual communities are: sugar maple, American elm, green ash, Norway maple, Siberian elm and callery pear.

As late as 1965, Donald Wyman (in "Trees for American Gardens") described the American elm as the most popular shade tree in North America.

But as Dutch elm disease ravaged parts of the country, elms have largely been replaced by maples and ash trees. The American elm's abundance in a few midwestern communities today, such as Oak Park and Evanston (Ill.) is largely the result of aggressive maintenance programs.

Each urban center in the Index lists silver maple as its most common. Urban centers, though, contain many trees seldom planted today: Siberian elm, sycamore, mulberry, cottonwood, catalpa, boxelder and ailanthus.

Ornamental trees have become very popular in the suburbs. While crab apple trees are now found throughout all midwestern regions, suburban communities

have the largest concentration of other small ornamental fruit trees like the fruitless callery pear. In Munster, Ind., for example, 78 new "Bradford" callery pears were planted in 1991.

LaPorte, Ind., known as the "Maple City," uses a figure of a maple tree in its city seal. Seventy-eight percent of the city's street trees are maples, most of them sugar maples.

Northern or southern, newer or older communities, urban, suburban or small city, it is the maple that comprises more than 40 percent of all trees on urban public lands in the Midwest.

--Photographs courtesy of Holden Arboretum, Mentor, Ohio.

## MOST COMMON URBAN TREES

<u>Urban centers</u>	<u>Suburban communities</u>	<u>Small cities</u>
1. Silver maple	Silver maple	Silver maple
2. Norway maple	Norway maple	Sugar maple
3. Green ash	Green ash	Red maple
4. American elm	Honeylocust	Norway maple
5. Sugar maple	Sugar maple	Green ash
6. White ash	American elm	White ash
7. Hackberry	White oak	American sycamore
8. Siberian elm	Siberian elm	Siberian elm
9. Honeylocust	Red maple	Honeylocust
10. Red maple	Pear	Pin oak
11. Crabapple	Crabapple	Little-leaf linden
12. Pin oak	Northern red oak	Tulip tree
13. Little-leaf linden	Boxelder	Sweetgum
14. American sycamore	Eastern cottonwood	Northern red oak
15. Mulberry	White ash	Crabapple
16. Eastern cottonwood	Pin oak	Hackberry
17. Eastern white pine	American basswood	Redbud
18. American basswood	American sycamore	American elm
19. Northern catalpa	Little-leaf linden	Northern catalpa
20. Colorado blue spruce	Black locust	Pear

Source: Midwest Urban Tree Index



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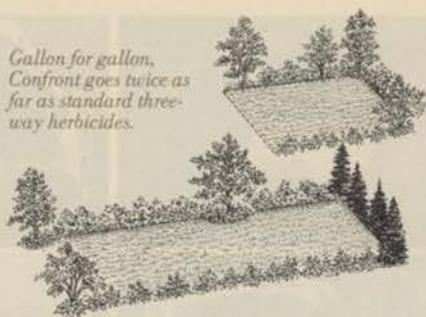


The thing we're trying to help you avoid is overkill. Because if you can control weeds, isn't that

the EPA), and you'll get very good results. It sounds simple, but it's one of the most effective ways to use less herbicide.

Also, calibrate your equipment frequently, and use the

Gallon for gallon, Confront goes twice as far as standard three-way herbicides.



# At last. A herbicide a like eradicate, eliminate

enough? So here's a less aggressive approach to managing weeds. A few things you can do to use less post-emergence herbicide to get the weed control you need.



A Young Weed Is A Vulnerable Weed.

The best time to apply your postemergence herbicide is early—when you first see weeds emerge. This is when weeds are the most vulnerable to herbicides. You'll get better results from your application, and you'll reduce the need for treating hardened weeds later.

First, look for weedy areas before applying herbicide. That way, you can use spot treatments instead of broadcast applications (a practice recommended by

