

For the long run.



Introducing a powerful new force in riding rotary mowers.

Now there's more to Cushman® Front Line® Mowers than top cutting performance. More power. More operator comfort. More endurance.

Now there's the new diesel-powered model Cushman 807.

Its totally integrated power train and new hydraulically-powered steering gives you unmatched performance over the long run. The 807 dispatches thick, wet grass on tricky maneuvers around obstacles without losing

ground speed. No other rotary mower gives you a cleaner cut.

At the heart of the new, four-wheel 807 is a powerful 21.5 horsepower, 3-cylinder Kubota 950 diesel engine. We've also included a heavy-duty Donaldson air cleaner and a new, heavy-duty Cushman PTO clutch to keep your new Cushman Front Line running longer. A complete family of Cushman Front Lines and a wide range of accessories are available to meet all your needs all

year 'round. Choose a 3 or 4 wheel design with 60- or 72-inch side or rear discharge mower deck. Or add the exclusive Cushman Grass Caddy™ system, which lets you cut, catch, and hydraulically dump 16 bushels of clippings without leaving the seat.

For a convincing demonstration contact your Cushman dealer today. Or call toll-free: 1-800-228-4444.

CUSHMAN®
BUILT TO LAST

3457 Cushman, OMC-Lincoln, P.O. Box 82409, Lincoln, NE 68501

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Circle No. 115 on Reader Inquiry Card

Equipment

continued

Picnic Tables

American Playground Corp
Playworld Systems
Seymour Mfg Co

Pipe

Hancor Inc
LESCO Inc
Professional Turf Mfg
Westheffer Co

Play Structures

American Playground Corp
BigToys
Oly-Ola Sales Inc
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Plows, Sand Trap

Toro Co

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Ames Co
BEFCO Inc
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Gravelly Intl Inc
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Massey-Ferguson Inc
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Outdoor Products & Supply Inc
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Professional Turf Mfg
Robco USA Inc
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Tuflex Mfg Co
Westheffer Co

Pruners, Hedge

Ames Co
DOB Distributors Inc
Forestry Suppliers Inc
Green Pro Services
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Pruners, Tree

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DOB Distributors Inc
Fairmont Hydraulics
Fanno Saw Works
Forestry Suppliers Inc
Friend Mfg Corp
Green Machine

Green Pro Services
LESCO Inc
Seymour Smith & Son Inc
Stanley Hydraulic Tools

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Agrotec Inc
Arborchem Products Co
Ariens Co
Berkeley Pumps
Bowie Industries Inc
Earl J Crane Inc & Assocs
Falkenberg Inc
Friend Mfg Corp
Green Pro Services
Homelite Div
Honda Power Equipment
Hydro Turf & Assoc
Hypro Corp
Kubota Tractor Corp
LESCO Inc
Maruyama US Inc
Na-Churs Plant Food Co
Otterbine/Barebo Inc
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Professional Turf Mfg
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Shindaiwa Inc
Solo Inc
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Hydrograssers & Power Mulchers



- Low Maintenance Design
- Dual and Quad "Hydro-Jet"
- Agitation with Verticle Homogenizers
- High Speed Mulch Grinder
- No Clog Mulch Chamber
- Direct Drive

Reingo Hydrograssers and Power Mulchers offer you the dependability you need because they are designed with the operator in mind. Our Hydrograssers range in capacity from 800 to 3500 gallons and feature easier to maintain "Hydro-Jet" agitation. Reingo Power Mulchers utilize time proven straight through drive while the M80C offers as standard a variable speed automated bale feed system.

Reingo

P.O. Box 512, Plainfield, N.J. 07061-0512 (201) 755-0921

WRITE OR CALL TOLL FREE (800) 526-7687

Dealer inquiries invited.

Circle No. 157 on Reader Inquiry Card

*The details show
that even as
Bunton mowers
improve they still
remain the same.*

In these days of a highly competitive grounds maintenance industry, with many look-alike products, it's no longer good enough to simply say you're the best. You have to prove it. That's why it's more important than ever to examine the details before making your mower investments.

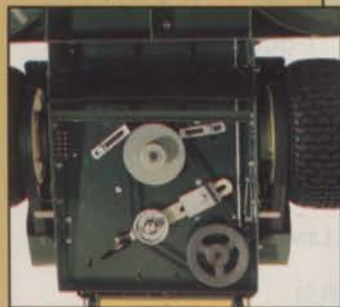
Bunton Company was founded on the belief that quality should never be compromised when engineering a commercial mower. As new features are added, it is done in the same tradition that has helped Bunton mowers maintain their integrity on the job year after year for over thirty years. Take a close look at the others and you'll find that the Bunton details really do make the difference.



BUNTON

Heavy gauge welded steel deck, handles and casters on Bunton mowers assure integrity and long life.

The larger output shaft pulleys on Bunton mowers increase the top ground speed by up to 20%, and for optimized mowing performance, ground speed can be changed while mowing, without changing the blade and engine speed.



Bunton 36", 48", 52" and 61" mowers feature dual section V-belts for improved belt life due to decreased slippage under wet conditions.



Self-adjusting idlers lock into position for steady running on ball bearings.



Straight V-belts are wrapped without twists or back-bends on Buntons for increased belt life.

*The Bunton details
make the difference.*

BUNTON

BUNTON CO.

P.O. Box 33247
Louisville, KY 40232
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Fax: 502-966-0564

Discover the Grasshopper Advantage



Efficiency Expert!

New Gemini hydrostatic direct drive, with smooth "natural" controls, distinctive outfront design, and zero-turn-radius maneuverability give you the ultimate in time-cutting performance and value.

Become more efficient. Get the most from your grounds maintenance dollars. Count on the new 700 Series from Grasshopper. The new Gemini direct drive brings new standards of time-saving productivity, lower maintenance costs and long-lasting durability to turf care.

Operation is streamlined and simple. A dual-lever control system reduces fatigue by placing total command of speed, turns, braking and forward/reverse in the palm of your hand. Zero-turning-radius and outfront decks eliminate wasted motion. You can turn on a dime, reach under low-hanging trees and shrubs, maneuver between and around obstacles and trim close with unrestricted visibility.

The bottom line...Grasshopper delivers lasting value that meets the test of time — time after time!



For year-round versatility, add Quik-D-Tatch® vacuum grasscatchers for clippings or leaf pickup, a dozer blade, rotary broom, snowthrower, ROPS and cab enclosure.

Grasshopper mowers are available in six models, from 11 to 21 hp, with cutting widths from 35 to 72 inches.

Ask your Grasshopper Dealer to demonstrate why Grasshopper is the best value in a hydrostatic zero-turn-radius mower. Write for free literature.

The Grasshopper Company
1 Grasshopper Trail • P.O. Box 637 • Moundridge, KS 67107
Telephone 316-345-8621 • Telex 5106017571 • FAX 316-345-2301



GRASSHOPPER

YOUR NEXT MOWER

GRA-5-89

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Circle No. 130 on Reader Inquiry Card

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continued

Rakes, Landscape

- Ames Co
- Earl J Crane Inc & Assocs
- Howard S Crane Inc
- Ford New Holland Inc
- Forestry Suppliers Inc
- Glenmac Inc
- Jacobsen Div
- LESCO Inc
- Mathews Co
- Outdoor Products & Supply Inc
- Standard Golf Co
- Yard Vac Products Inc

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Skid Steer Mount (Hydraulic) 3 Point Mount

COST EFFECTIVE ROCKHOUNDS

Rake and collect rocks and surface debris, leaving the soil in a fluffy, level, seed-bed quality condition.

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- Gandy Co
- Westheffer Co
- Wheel Horse Products Inc

Rope

- Allied Products Inc
- Forestry Suppliers Inc

ANNOUNCING

LDW

A BREAKTHROUGH IN COMPACT, LIQUID COOLED DIESEL TECHNOLOGY

LDW signals a new lineup of engines from Lombardini and a new era in liquid cooled diesel technology. LDW includes both the full overhead control system (FOCS) and compact, heavy duty (CHD) engines, each of which sets new standards for economical, liquid cooled diesel performance.

Each of these smooth running engines is completely original, beginning with the design, and both offer the ultimate in low vibration, quiet operation and economy.

The FOCS series houses all critical components in the cylinder head to ensure minimum dimensions and easy installation and maintenance.

FROM LOMBARDINI

An indirect fuel injection system uses unit pump injectors rather than the traditional, separate components. This eliminates fuel lines and allows the FOCS to deliver optimum precision of fuel delivery throughout the performance curve.

Overall engine noise is minimized by the use of a heavy duty, toothed belt camshaft drive.

A choice of two, three or four cylinder in line configurations let you match FOCS power to your exact needs.

Our CHD also features indirect fuel injection. Using specifically designed individual fuel injection

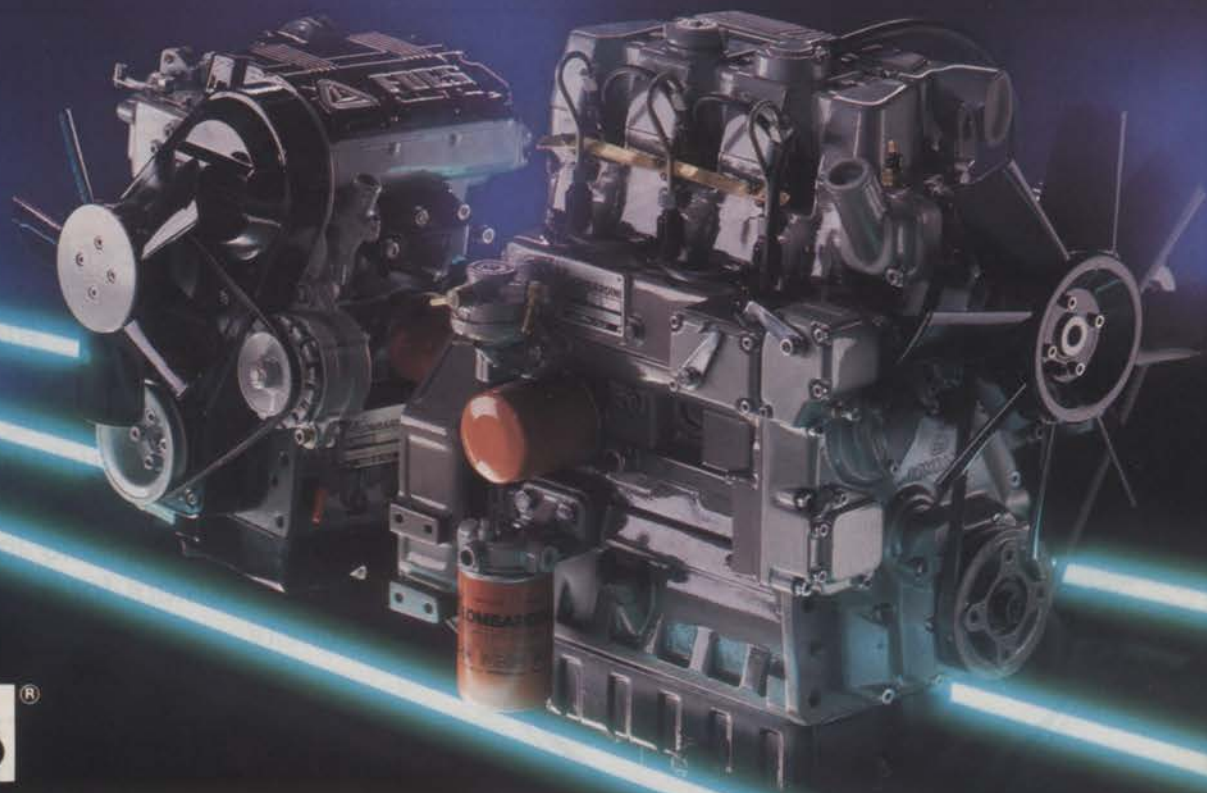
pumps, maximum accuracy of fuel delivery is ensured at all speeds.

Multi-cylinder configuration, reduced unitary displacement and liquid cooling make the CHD ideal for use in applications where operator comfort is of the highest concern.

Power ranges are 12-22 hp for the FOCS and 25-48 hp for the CHD.

Specific fuel consumption is just 0.42 lbs/hp/hr., the lowest of any small, indirect injected diesel. Excellent torque backup of 15% at 60% of maximum rated load means you'll have the power you need, when you need it.

The new liquid cooled lineup from Lombardini: advanced power for your toughest applications.



LOMBARDINI USA, INC.

601 Old Norcross Place, Suite E,
Lawrenceville, GA 30245
(404) 963-4881 FAX (404) 995-1107

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Equipment Companies

continued

LESCO Inc
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Power Lawnmower Parts Inc
Standard Golf Co

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Encon Safety Products
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LESCO Inc
3M Occupational Health & Environmental Safety Products Div
Moyer Products Inc
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Shindaiwa Inc
Westheffer Co

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Green Machine
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Kubota Tractor Corp

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Lindig Mfg Corp

Royer Foundry & Machine Co

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Bush Hog
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Cushman
Deere & Co
Finn Corp
Forestry Suppliers Inc
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Green Pro Services
Hahn Inc
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Jacobsen Div
LESCO Inc
Maruyama US Inc
Olathe Mfg Inc
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Vicon Farm Machinery Inc

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The team to make easy work of your turf maintenance program. For golf courses, school boards, municipalities, highway, parks and recreation departments, airfields and landscapers, there is a Brouwer product for you.

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2. Hydraulic lift for easy transport or storage



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continued

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Excel Industries Inc
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Grasshopper Co
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Grazer Div M & W Gear Co
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Kioti Tractor Inc
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Snapper Power Equipment
Steiner Turf Equipment Inc
Toro Co
Waldon Inc
Walker Mfg Co
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Equipment for the turf care professional.

Olathe

Setting the standards for sweepers.



Feel like your grass clippings may be getting ahead of you? Try this model 54HL 5' self-propelled sweeper unit with high lift for large area cleanup. 24hp engine, hydraulic-drive, with optional thatcher, sweeps wet or dry materials using 'sure-grip' rubber fingers.

Olathe personnel have been helping solve leaf/debris problems for over 30 years. Ranging in size from our model 42 (36" wide, 5hp tow-behind) to the large area tow units which are the 166e, the 166hl and the 65 PTO (all with 5' width, 5 cu. yd. capacities). Ground and high lift models.



Model 166E PTO powered tow-type



Model 65 PTO-powered 5' width



Model 166e 5' hydraulic ground dump



Model 166hl 5' width, 8 1/2' lift



Model 42 tow — type, 1/2 cu. yd. 5 hp, 3' swath, finger or brush reels.



Model 41MVS - 66" wide tow-type, self-contained with 7 cu. yd. capacity

Write or call your local Olathe/Toro dealer for free demo or call 1-800-255-6438.

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Outdoor Products & Supply Inc
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Spectrum Technologies Inc
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Soil Shredders

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Royer Foundry & Machine Co

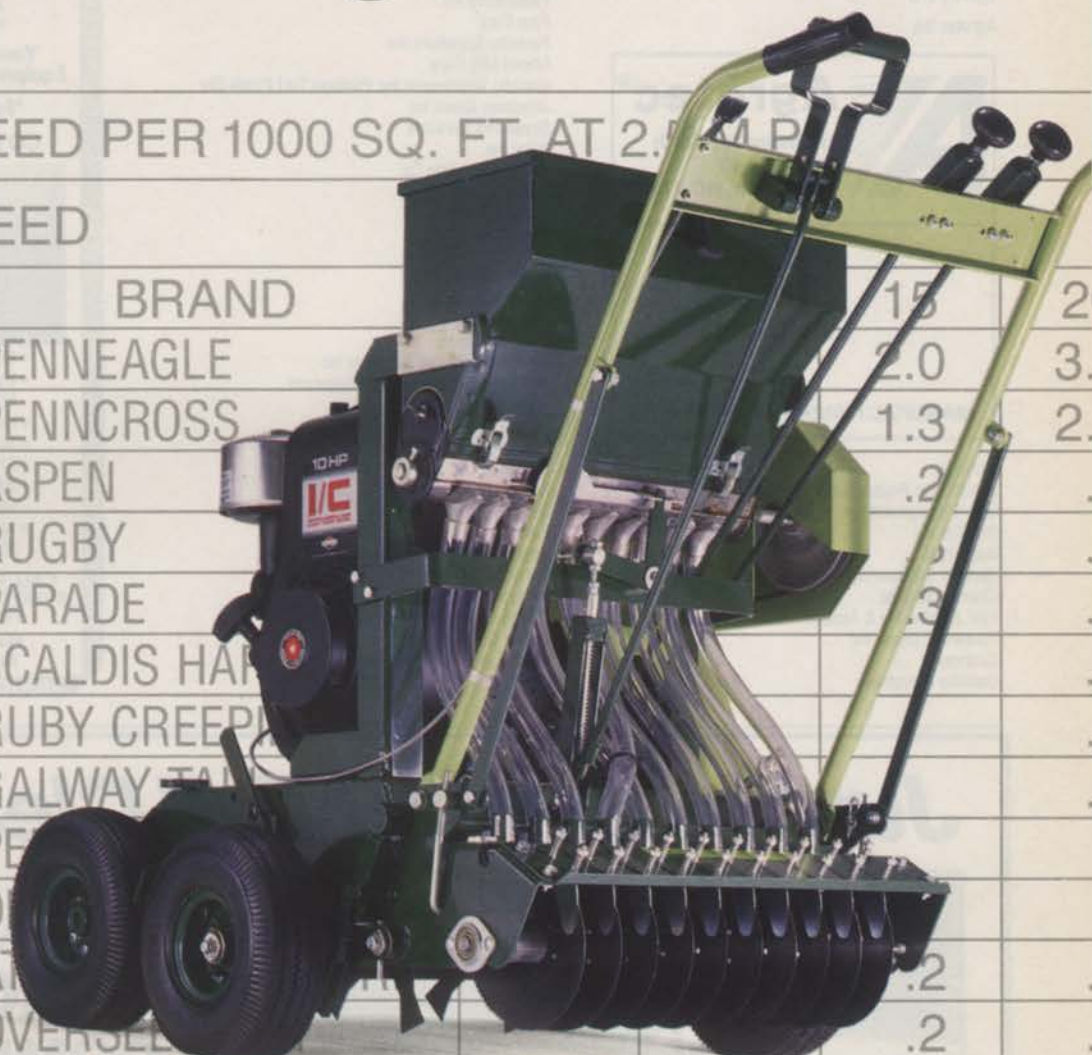
Soil Test Meters

Forestry Suppliers Inc
Green Pro Services
Nature's Touch
Outdoor Products & Supply Inc

Circle No. 149 on Reader Inquiry Card

The art of application for maximum germination.

		POUNDS OF SEED PER 1000 SQ. FT. AT 2.5 M.P.H.	
		SEED	
TYPE	BRAND		
BENTGRASS	PENNEAGLE	1.5	2.0
	PENNCROSS	2.0	3.0
KENTUCKY BLUEGRASS	ASPEN	1.3	2.0
	RUGBY	.2	.2
	PARADE	.3	.3
FESCUE	SCALDIS HAWK	.2	.2
	RUBY CREEPER	.2	.2
RYEGRASS PERENNIAL	GALWAY TALKER	.2	.2
	PERENNIAL	.2	.2
MIXTURE	OVERSEED	.2	.2



The Ryan® Mataway® Overseeder is simply better.

Better results begin with the basics, like seed calibration. An easy-to-read chart on the Mataway Overseeder tells you the exact setting for pounds of seed needed per 1,000 sq. ft. Just look it up, load it up, select setting, and you're ready to go.

Two-inch spacing between rows gives you a dense pattern for one-pass application. Gandy® precision metering and an easily removed disc-type seed delivery system places the seed directly into the slits for uniform seed/soil contact allowing maximum germination.

The result is a lusher, thicker lawn.

The Ryan Mataway Overseeder gives you the flexibility to power rake, overseed, or to do both at the same time. Call today or contact your nearest Ryan dealer for more information and a free test drive demonstration.

Call toll free 1-800-228-4444 for all the details.

RYAN®

BUILT TO LAST

6536 Ryan, P.O. Box 82409, Lincoln, NE 68501

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Equipment

continued

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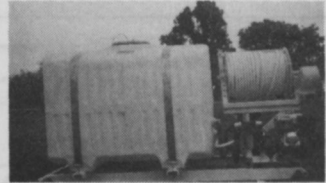
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- Reduces your trips to the landfill location and your dumping expenses by as much as 80% to 100%.
- Material may be composted or used as mulch.

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FOR COMPLETE DETAILS**

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