

## Mulching/ Hydromulching Equipment

**M**ulching helps ornamental plants and trees conserve moisture, maintain a more uniform temperature in the root zone and become established more quickly. Mulching also protects plants from mechanical injury caused by lawn mowers and string trimmers, improves soil structure and limits weed growth. Mulches can even add to the beauty of the landscape by providing a cover of uniform color and interesting texture to the surface.

The best time to mulch new plantings is right after you plant them. Around established plants mulch is best applied in early spring. This is when plants are beginning to grow and before weed seeds start to germinate.

Tips on mulching from the Clemson University Cooperative Extension Service include:

- ▶ Before applying any type of mulch to an area, it is best to weed the area.
- ▶ Spread a layer of mulching materials over the entire plant bed.
- ▶ Keep mulch two to three inches away from the stems of woody plants. This will prevent decay caused by wet mulch and rodent damage during the winter.
- ▶ Keep mulch six to 12 inches away from the walls of buildings to prevent termites from using it as a bridge to cross treated soil.



▶ Newly planted trees require a circle of mulch three to four feet in diameter. Maintain this for at least three years. Do not pile mulch against the trunk.

▶ For established trees in lawns create a circle of mulch about two feet in diameter for each inch of trunk diameter. Increase the size of the mulched area as the tree grows.

▶ Try to apply the mulch at least six to 12 inches beyond the drip-line of the tree. Because the root system can extend two to three times the crown spread of the tree, mulch as large an area as possible.

Mulching can be a profitable service for your company, though it's not always an easy job. Here are some pieces of equipment that can help make mulching easier on your crews, especially for those large scale mulching / hydromulching (hydroseeding) operations.

### Dakota Peat

The Dakota 550 Turf Contractor dump box is designed to carry a big load with a light foot print. The heavy duty frame with walking beam axle and four 16-in. Dakota Turf Tires distributes loads evenly, protecting the turf. Other features include: easy to maneuver, all functions are controlled from the tractor seat, dump height of 25 in. and 10,000 lbs. capacity.

For more information contact Dakota Peat & Equipment at 800/477-8415 or [www.dakotapeat.com](http://www.dakotapeat.com) / circle no. 254

### Peterson Pacific ▲

Peterson introduces the Blower Trailer series, an addition to its line of Blower Trucks. Available in 45, 70 and 90 cu. yd. capacities, the BTR series features the same high capacity delivery system as our popular Blower Trucks, with several additional features, including a self-contained power system, innovative forward-feed design and lightweight aluminum construction. Peterson's Live Floor moves a wide variety of materials toward the feeder more efficiently than a conveyor. Bridging that occurs with a V-shaped hopper is eliminated. Powered rotation eases hose loading and unloading, saving time and energy.

For more information contact Peterson Pacific at 800/269-6520 or [www.petersonpacific.com](http://www.petersonpacific.com) / circle no. 255

*continued on page 82*

# LM Reports

continued from page 80

## North American Green

Guardian Seed Protection Mulch Mat protects seed and soil from being washed or blown away and serves as mulch. Mulch Mat features a uniform layer of 100% agricultural straw securely stitched with degradable thread between two layers of lightweight polypropylene netting that degrade when exposed to the sun. Each roll weighs only 10 lbs., and can be easily rolled out, cut to conform to the size and shape of the area to protect, and quickly secured to the ground.

For more information contact North American Green at 800/772-2040 or [www.nagreen.com](http://www.nagreen.com) / circle no. 256



## Green Industry Innovators

The New Mini Mule by Green Industry Innovators is a new design incorporating a rust free aluminum frame covered in a lighter high-density impact resistant composite floor and side walls. This makes the Mini Mule light enough to be pulled by a smaller one ton pickup truck while still being as rugged as its bigger brother the original Mulch Mule. Options include, 16-hp leaf vacuum, extension conveyor, canopy, remote control and more.

For more information contact Green Industry Innovators at 330/875-0769 or [www.mulchmule.com](http://www.mulchmule.com) / circle no. 257

## Easy Lawn

Easy Lawn's Contractor Series features John Deere Turbo Engines, stainless steel tanks and mulch grinders, and an aggressive paddle design, which keeps even wood mulch and bonded fiber matrix in suspension continuously. Machines have a large deck storage capacity, many standard safety features and are



the only units that have ZDM — zero daily maintenance points. The C280 and C330 have the only digital display control panel available in a hydroseeding unit. C SERIES machines are for large seeding jobs, and erosion control.

For more information contact Easy Lawn at 800/638-1769 or [www.easylawn.com](http://www.easylawn.com) / circle no. 258

## Express Blower Inc.

Express Blower's RB-20 is designed to blow aggregate materials all day at great distance. Blows soil behind retaining walls, in drainage ditches, into indoor gardens or up four stories for rooftop terraces. Works for erosion and sediment control, topdressing, mud control, Terraseeding or safety surface application. Also check out the EB-30 and TM-30, entry-level models for the entrepreneur who wants to be in the blower application business. The TM-30 can be truck mounted, trailer mounted or configured as a roll off.

For more information contact Express Blower at 800/285-7227 or [www.expressblower.com](http://www.expressblower.com) / circle no. 259

## Finn Corp.

The T75 HydroSeeder fits right between the big trailer-mounted models and the little tank units. Trailer mounted, its 700-gal. tank covers 8,700-10,500 sq. ft. per load with spray distances up to 150 feet from discharge gun. Other features include hydraulically controlled paddle agitator, liquid recirculation, toolbox in hitch for storing nozzles, and in-line common-shaft clutch for centrifugal pump.

For more information contact Finn Corp. at 800/543-7166 or [www.finncorp.com](http://www.finncorp.com) / circle no. 260

## Sundance Equipment

The Sundance Kid III compact horizontal grinder yields the best fine grind for your compost, mulch or energy requirements. Redesigned concaves provide improved grinding action for a finer, more uniform particle size.

The patented grinding process eliminates



troublesome screens that tend to plug with wet or stringy material. Other improvements include a central control panel for both engine and grinder functions, a telescoping tongue and more horsepower.

For more information contact Sundance Equipment at 800/570-3551 or [www.sundancegrinders.com](http://www.sundancegrinders.com) / circle no. 261

## Turbo Technologies Inc. ▼

Turbo Technologies' HM-500-HE is a 500 gallon hydroseeding system that is both a mechanical and a jet agitated unit. It is available as both a skid type and a pull type system. It will seed 6,600 sq. ft. per load. It is equipped with a 13-hp Honda electric start engine that is directly coupled to a 3-in. by 3-in. high volume centrifugal pump and an 8-hp Honda electric start engine that drives an aggressive mixing paddle. The paddles allow you to easily mix even the most difficult products such as 100% wood and BFM's (Bonded Fiber Matrix.) The unit also incorporates a jet mixing action that eliminates the dead spot many mechanically agitated units have.

For more information contact Turbo Technologies Inc. at 800/822-3437 or [www.turboturf.com](http://www.turboturf.com) / circle no. 262



continued on page 84

# LM Reports

continued from page 82

## Reinco

Reinco power mulchers are designed to stand up to the rigorous requirements of the professional contractor. Models range from the TM-Jr, rated for two tons of hay or straw mulch per hour, with direct discharge up to 35 feet, with hose kits available for remote applications, to the M-90 — the biggest and most productive trailer mounted unit, rated at 20 tons per hour of hay or straw mulch at up to 100 foot effective discharge placement range. One operator controls the range and the feed rate. The hydraulic feed system segments the bales into the patented beater chamber to thrash and separate the mulch for uniform discharge.

For more information contact Reinco at 800/526-7687 or [www.reinco.com](http://www.reinco.com) / circle no. 263



## Rayco Manufacturing ▲

Rayco's RC 12 brush chipper delivers power and performance. The 86-hp Cat diesel engine and Rayco's PULSE downpressure system ensure top-notch performance on any type of material. Features like a self-adjusting hydraulic clutch, planetary feed wheel motor, few grease points and a large service door over the engine, ensure that maintenance costs and downtime are kept to a minimum. At more than 6,000 lbs., this heavy-duty, drum style chipper is built to withstand harsh jobsite conditions over years of service.

For more information contact Rayco Manufacturing at 800/392-2686 or [www.raycomfg.com](http://www.raycomfg.com) / circle no. 264

## Bowie Industries

Bowie Industries' hydro-mulchers were the first machines designed specifically to handle seed slurries containing a mulch material. The shredder bar breaks mulch bales into small pieces for quick loading, and the superior mechanical agitation keeps the mulch slurry in suspension. The straight through plumbing design prevents pump clogging and the extra horsepower allows for greater discharge distance. Bowie Industries also manufactures four sizes of strawblowers from 25 hp to 125 hp and two models of straw crimpers.

For more information contact Bowie Industries at 800/433-0934 or [www.bowindustries.com](http://www.bowindustries.com) / circle no. 265

## Unifork

Lightweight and carefully designed, the Unifork is the easy way to transfer mulch and landscape bedding material, more efficient than a pitchfork and easier to handle than a





shovel. The Uni-fork's unique shape means that it scoops under the material you wish to pick up without digging into the soil below and making the task harder. The tapered and profiled tines guide the material into the high back of the Unifork allowing quite large loads to be moved without it falling off.

For more information contact Union Jack Stable & Garden at 800/672-8119 or [www.unionjackstable.com](http://www.unionjackstable.com) / circle no. 266

#### TGMI Inc. ▶

TGMI's Tailgate Mulcher is the fastest compact straw blower on the market. Capable of handling straw and hay, wet or dry, two to three bales per minute, belt drive, skid or trailer mounted, 18- or 20-hp engine. The Aqua Mulcher comes in 500-, 800- and

1200-gallon sizes. Paddle agitation, positive displacement gear pump, 100 feet of hose and spraying tower are included. Unit will pump thick slurries through as much as 300 feet of hose.

For more information, contact TGMI at 800/241-8464 or [www.mulchers.com](http://www.mulchers.com) / circle no. 267



#### Bobcat

For optimal performance when grinding through branches, trees and limbs, customers can turn to the new 8B high-flow chipper attachment from Bobcat. The Bobcat 8B high-flow chipper attachment reduces branch volume 10-to-1, thus limiting trips to the dumpsite and improving wood decomposition. The high-flow chipper also has several new features, including a variable gpm setting, a reset override system and a smart valve and pressure valve to maximize chipper performance. The attachment is approved for use on Bobcat machines with high-flow hydraulic systems.

For more information contact Bobcat at 866/ 823-7898 or [www.bobcat.com](http://www.bobcat.com) / circle no. 268

## Your window of opportunity for controlling grubs just got bigger.

**ARENA™ is the only preventive and curative grub control product proven to provide maximum application flexibility.**

Unlike other turf insecticides, ARENA™ Insecticide with clothianidin lets you apply from early spring to early fall and still get unsurpassed white grub control. Plus, ARENA offers proven performance against sod webworms, chinch bugs and other damaging pests. To learn more, contact your turf products supplier, log on to [www.arystalifescience.us/arena](http://www.arystalifescience.us/arena) or call 1-866-761-9397 toll free.

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