

# LM REPORTS

YOUR GUIDE TO PRODUCT RESEARCH

## LAWN CARE: SPRAYERS & SPREADERS

### Earthway Products

The new S15 Spray-Pro ground driven push sprayer is designed for spraying all types of liquids, including ice control products, pesticides, herbicides and fertilizers. The S15 is a fully assembled, smaller version of the S25 Spray-Pro Mark III and includes an adjustable spray system that makes applications on sidewalks and parking lots easy to manage. Use it on lawns, driveways, paths and any area boom sprayers will not go. [Earthway.com](http://Earthway.com)



### Grasshopper

Shielded sprayers apply a constant, accurate balance of small droplets that "stick" to vegetation, achieving greater coverage with less chemical use. The unit can cover up to 5.5 acres (240,000 sq. ft.) with one tank. Independent floating chambers follow the ground contours for precise application, and zero-turning-radius maneuverability is maintained, even in tight spaces. The sprayer implement also provides operators quick and easy mounting, removal and storage. Available in 53- (pictured) or 133-in. widths and 30-gal. capacities, shielded sprayers are compatible with Grasshopper's full line of FrontMount and MidMount power units. [Grasshoppermower.com](http://Grasshoppermower.com)



### TurfEx

Intended for use with tractors and utility vehicles, the new 7-cu.-ft.-capacity TS700GR and 12-cu.-ft.-capacity TS1200GR ground-drive spreaders are designed to exert less impact on surfaces than similar tow-behind models. Constructed of heavy-duty polyethylene to reduce corrosion and maintenance concerns, the units are up to 40% lighter than other models. The design helps lessen fuel consumption for the towing vehicle. The spreaders feature large flotation tires to further minimize impact on delicate surfaces. Spread width is infinitely variable up to 30 ft. [Trynexusfactory.com](http://Trynexusfactory.com)

### Curtis Industries

The new, 500-lb.-capacity Sno-Pro Fast-Cast 550E electric V-box spreader is lightweight, featuring a stainless steel carriage and a rustproof aluminum hopper. It features a 12V, 1/3-hp electric motor that draws less than 20 amps, replacing a gas engine — eliminating fuel costs and serving as a "green" alternative. It also eliminates the need for a noisy vibrator motor, allowing operators to work without disturbing customers or neighbors. The spreading range is from one to 24 ft. It also offers adjustable material deflectors and an in-cab control panel. Options include a weather cover and a top screen. [Curtisindustries.net](http://Curtisindustries.net)



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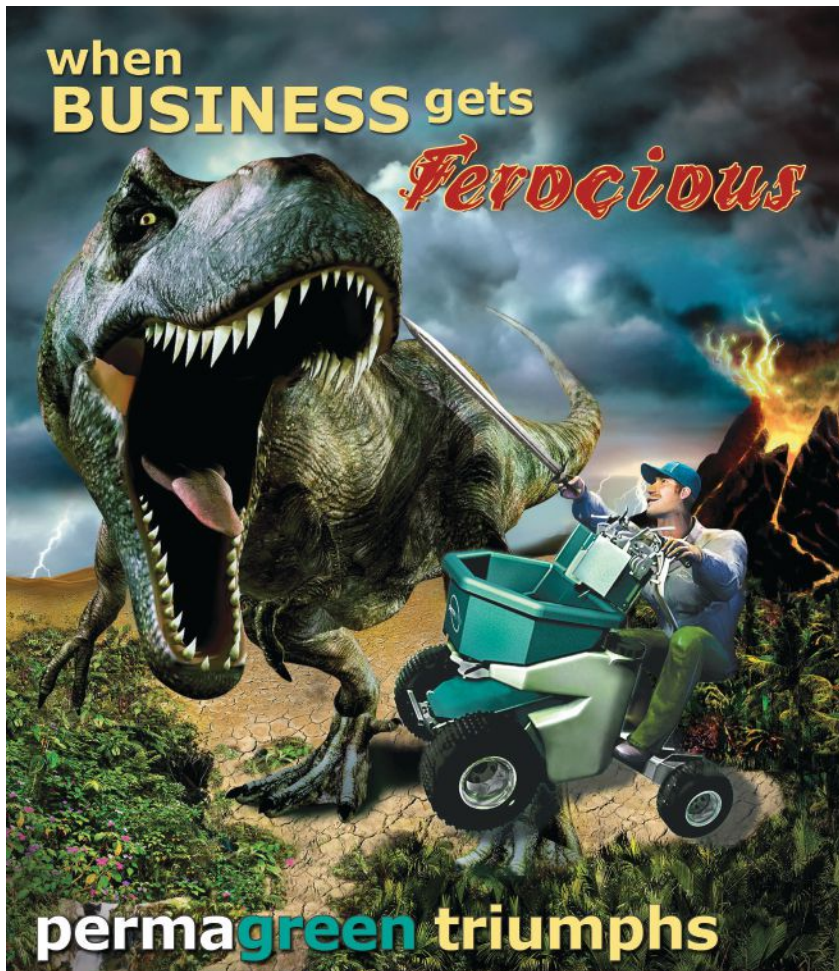


## MAINTENANCE: ENGINES



### Subaru

Featuring a vertical shaft configuration, the new EA190V engine is the first to offer chain-driven overhead cam (OHC) technology to the small, air-cooled, vertical shaft engine market. The 189cc displacement engine is designed to be lightweight, yet durable and rugged enough for a variety of lawn and garden equipment — including pressure washers, walk-behind string trimmers, aerators and lawn vacuums. The EA190V offers both easy starts in cold weather and superior cooling, making it ideal for multi-seasonal equipment. [Subarupower.com](http://Subarupower.com)



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### Honda

Featuring six models, the V-Twin engine line offers power, versatility and fuel economy in a compact package. The new GX630, GX660, GX690, GXV630, GXV660 and GXV690 engines are available in both horizontal and vertical shaft configurations. They have been designed to offer low noise, vibration and exhaust emissions without the use of a catalyst. Features include the hemispherical combustion chamber design, higher compression ratio, increased displacement and steel connecting rods. An integrated cylinder and head eliminates the need for a head gasket, which results in increased cooling and higher levels of reliability. [Honda.com](http://Honda.com)

### Kohler

The Courage XT-7 vertical-shaft, 4.5-net-hp utility engine powers various equipment. The engine comes standard with an overhead valve design, a cast iron cylinder bore and flywheel ball bearing. A wide variety of options allow the engine to be customized to fit the application, straight or tapered PTO shafts, SAE pump mounting, engine-mounted controls, front or side-discharge muffler, fixed or 6-position indexable recoil, bottom or side oil drain, paper or foam-only air cleaner, debris screen, and recoil or electric start. The engine is certified for current EPA and CARB emissions standards and meets or exceeds Society of Automotive Engineers Small Engine Test Code J1940 horsepower requirements. [Kohler.com](http://Kohler.com)



**MAINTENANCE:**  
**CONSUMABLES**

**VP Racing Fuels**

SEF 94 Small Engine Fuel is designed to combat ethanol-related problems in chain saws, blowers, lawnmowers and other portable gasoline-powered equipment. SEF94 is available in quart-size containers to meet virtually any manufacturer specifications: an unleaded gasoline for 4-cycle engines and two versions pre-mixed with oil (40:1 and 50:1) for 2-cycle devices. Each blend is "ready-to-use," with the 2-cycle Pre-Mix versions. SEF94 is also available in 5-gal. pails, and 30- and 54-gal. drums. The 4-cycle version can be used in 2-cycle engines when mixed with oil to manufacturer's specifications. [SEFfuels.com](http://SEFfuels.com)



**Shindaiwa**

New Red Armor engine oil is designed for use in all air-cooled two and two/four-stroke engines. It begins removing performance-robbing carbon deposits with the first use. The special formula removes the building blocks for varnish, and prevents varnish from sticking to the hot engine surfaces — where it can transform into hard carbon deposits. Available in 2.6-, 6.4- and 13-fl.-oz. sizes, as well as 1-gal. size. It is JASO FD and ISO LEGLD rated, the highest two-stroke oil rating available. [Redarmoroil.com](http://Redarmoroil.com)

**Stens**

The GB brand line of bars and sprockets feature the Pro Top and Titanium Pro Top bars, as well as a new line of Arbor Tech and Arbor Pro bars, which come with a solid steel bar and replaceable tips that guarantee high quality and extended bar life. Additionally, GB sprockets are available in Center Drive, Rim and Pro Spur varieties. [Stens.com](http://Stens.com)



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