

GRAB LIFE BY THE HORNS



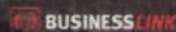
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*Based on R.L. Polk & Co. Vehicles in Operation registration statistics 1986–2005. †Durability based on longevity. ‡Based on Dodge Ram Quad Cab models vs. competitive full-size extended cab pickups.

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Chrysler Financial



Innovations

TECHNOLOGY

HOT NEW PRODUCTS



1 Wright walk-behind

Wright Manufacturing's newest Velke walk-behind commercial mower is gear driven with adjustable axle, a 5-speed transmission and a Warner MagStop clutch. The mower has an integrated latch system for easy deployment and stowage of Wright's patented Velke sully. The new mower, with pistol-grip control, is offered with a 15- and 17-hp engine and a choice of 36- or 48-in. mower deck. Adjustable spring tension on the drive pulleys assures that maximum power is getting to the drive wheels.

For more information contact Wright at 301/360-9810 or visit www.wrightmfg.com / circle no. 250

2 Toro ProCore aerator

Designed for large turf areas, Toro's ProCore Processor sweeps, processes and disperses aeration cores in one quick operation. This feature helps return the course to a playable condition in substantially less time, and with less stress. The 70-in. processing width of the ProCore Processor provides full-width dispersion of processed material. Aeration cores are pulverized into fine particles with carbide-tip blades and a 35-hp Briggs & Stratton Vanguard engine. This provides even and thorough distribution of the material to the playing surface.

For more information contact The Toro Co. at 800/803-TORO or www.toro.com / circle no. 251

3 DuPont Provaunt insecticide

DuPont Professional Products' Provaunt insecticide provides turf managers and landscape professionals with a new chemistry and mode of action for controlling a variety of pests. Featuring a new active ingredient (Indoxacarb), new physiological reaction, low application rates and an active ingredient classified as reduced-risk by the EPA, Provaunt provides effective control of caterpillars, mole crickets, European crane fly larvae, potato leafhopper, grasshoppers, European pine sawfly and others.

For more information contact the DuPont Professional Products Web site, www.proproducts.dupont.com / circle no. 252

4 Deere skid steer attachments

John Deere has added a new attachment and made enhancements to several products in its Worksite Pro line for skid steers and compact track loaders. The new and updated attachments include two new dozer blades, five vibratory rollers, four cold planers, two tillers and two hydraulic breakers. Rugged design ensures that each of these attachments delivers maximum uptime and productivity in a wide variety of tasks. Optimized for John Deere equipment, these attachments can function with competitive models.

For more information contact John Deere at 800/503-3373 or www.johndeere.com / circle no. 253

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The new Case 400 Series Skid Steers combine strength and reliability into one fast and productive package. The exclusive Case Power Reach feature* makes for faster cycle times by maximizing reach at any height—so you can quickly and easily load farther back into trailers and to the center of high-sided trucks. Optional hydraulic self-leveling retains more material for even more speed on the jobsite. And with our exclusive “no tool” 10-second tilt ROPS, you’ll shave additional minutes off daily maintenance, too. See all the other ways the 400 Series takes your business performance to a higher level. Visit the professional partners at your local dealer for a demo, purchase or rental options, and details on financing and service plans. See www.caseoffers.com for the latest special offers and promotions from Case.

* Power Reach available on 435, 445 and 465 models only.

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Transplants need nutritional boost



With most ornamental plants transplanted to alien environments, special care is needed to enable them to flourish.

Landscapers today face a formidable challenge: most ornamental plants used in the landscape trade are not indigenous to the habitats in which they're expected to flourish. Moreover, climate extremes and soil depleted of nutrients have made outdoor environments more adverse to plants. So, how do you ensure these transplants thrive?

Transplanting itself is traumatic to plants; uprooting a tree, a bush or even a small flowering plant disturbs its place in the environment. Extra care is needed in order to make the transplanted vegetation take root and subsequently thrive. Access to water is just the beginning. Plants must make or receive many vitamins, hormones and other compounds of carbon, hydrogen and oxygen in order to flourish.

It's quite a shock

"Transplanting a tree is like performing surgery on a person," says Tom Lied, past president of the Associated Landscape Contractors of America (now the Professional Landcare Network). "It's a great shock to its system. You don't expect to feed a steak

dinner to someone right after they've undergone major surgery. You have to stabilize the patient's system first and make sure the healing process is underway. It's the same with a plant. When a plant's in shock, it can't produce the substances that it needs to stabilize and nourish it. It is temporarily unable to produce the organic 'triggers' that enable it to absorb enough water and nutrients out of the soil. Fertilizer alone won't help if the plant isn't producing these organic triggers."

By studying the effects of transplantation on trees and other plants, however, science can now help plants cope with a range of stresses, whether caused by weather extremes, a lack of nutrients or other imbalances in the soil.

John A. A. Thomson, an early student of the massive transplantation of vegetation throughout North America, realized how transplants affected the work of landscapers. He worked on the practical uses of horticultural hormones and vitamins and in 1939 parlayed this interest in plant nutrition into a concentrated formula for plants that contains 50 vitamins and hormones (trade name SUPERthrive).

"Most ornamental plants you now find

in North America are not native to the region," says Thomson. "But other stresses of all sorts have increased as well, from deteriorated soil composition to climate extremes or other factors."

The needed extra boost

Landscapers have found the product helps when they move plants around.

"I've used it for as long as I can remember, and in that time have never lost a tree that we dug up and transplanted by hand," says Ted Burton of J.H. Burton & Sons, Hyattsville, MD. "And one time we dug up a big tree by hand in Richmond (Virginia), and then had to truck it all the way through Washington D. C., to Baltimore. Within a couple days the tree looked as though it had been growing there all its life.

"I also found that it really helps the germination of regular seed. It cuts the germination period from about eight to 10 days down to three to four days. No doubt about its effectiveness."

Thomson says that homeowners' desire for ornamentals will continue. "People will continue to want beautiful, exotic, colorful plants around them," he says.

"These plants are available, and landscapers who are able to see that they thrive are more likely to do well themselves."

For more information, visit the Vitamin Institute Web site at

www.superthrive.com LM



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Purveyors of junk email know... that even though most people hate spam, a small percentage click on the links and buy the products being sold.



Become a spam fighter

BY TYLER WHITAKER

Gone are the days when spam was only known as mystery meat. Unfortunately, most people receive so much unsolicited email — spam — eating mystery meat would be a welcome alternative. Now is the time to put down our forks, get smart and starting fighting this scourge.

Click with care

It's my bet that all of us agree that we hate spam. So, why does it continue? The answer is simple: it works. Purveyors of junk email know that even though most people hate spam, a small percentage actually click on the links and buy the products being sold. That begs the question, if all of us stop clicking the links and buying the products, will the spam go away? Let's hope so.

So, until we stop supplying the economic motivation to the spammers, we need to take extra steps to protect ourselves. That extra protection comes in the form of filters or firewalls. These solutions review each email in an attempt to determine if it is a spam or a legitimate email. In the early days, this was pretty easy to determine by the subject matter of the email. But as the early filters started cutting into the profits of the spammers, they started misspelling words and obscuring the subject matter.

This has resulted in an arms race between the anti-spam companies and the spammers. And every day brings more creative filters to defeat the increas-

ingly imaginative attempts the spammers use to get through. Today's anti-spam technology uses advanced Bayesian statistics to score emails and predict when an email is spam or not. To counter, the spammers are using random text and graphics with heights and widths that change with each email.

Time to get tough

So what can I do? Start by installing and using a firewall and spam filter. Some of the best on the market are from McAfee and Symantec. They both offer very comprehensive solutions and they integrate with most of the popular email programs. Using a solution like this and can guard against both spam and viruses. Once your personal PC is protected, the next level of protection is at your email server. If your email is hosted out in the Internet, chances are you already have some level of protection. The key is to make sure that it is enabled and configured properly to catch the spam. If your company runs its own email server, you have other options. They range from free or open-source solutions like SpamAssassin or more commercial solutions like the Barracuda Networks Spam Firewall. Using anti-spam technology at both the server and the desktop is your best bet when it comes to fighting spam.

Do yourself a favor and put some spam filters in place. And at the very least, let's all stop reading, clicking on and buying from spam. Your new lean and mean inbox will thank you.

— *The author is a freelance technologist focusing in business automation. Contact him at 801/592-2810 or visit his blog at www.tylerwhitaker.com.*

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Skid steers

The beauty of skid-steer loaders is the wealth of attachment options. Landscapers can choose attachments they need to take them from start to finish on a jobsite. Choosing the proper tools saves landscapers valuable time and increases productivity, says Rob Otterson, market segmentation manager for Bobcat Company.

Other than typical buckets and pallet forks, Otterson says the five landscaping attachments that stand out as the most popular are augers, trenchers, landscape rakes, sweepers and soil conditioners.

Augers can efficiently dig holes for planting trees and shrubs and for installing fence posts. To remove small rock or stone for soil preparation, landscape rakes make an ideal solution. And with sweeper attachments, landscapers can clean city streets of jobsite dirt and debris.

Soil conditioners excel at clearing rock, unwanted weeds and existing turf, and can create a final grade in preparation for landscaping, planting seed or laying sod. Trencher attachments

are particularly useful for contractors installing irrigation lines and drain tile.

What many landscapers aren't aware of are all the other available attachments. "Manufacturers are constantly adding new models to fill customer requests. Many can be used on different types and brands of carriers, further increasing their utilization," Otterson says. Stump grinders, rotary cutters, combination buckets, sod layers, snow removal attachments and many others can quickly and easily increase business. "The landscaper who researches and is aware of these additions will be presented with more opportunities to grow their business," he says.



Mustang

Mustang Manufacturing Co.'s skid steer Model 2026 is designed for access to tight areas at 70.3 in. tall and 48.4 in. wide. It features 1,050 lbs. operating load, 35 hp engine, hands-only steering and hydraulic controls and automatic brake and hydraulic lock system. The Model 2041 features a 1,350 lbs. operating load, 46-hp engine, bucket breakout force of 2,800 lbs. for extra power in tough digging conditions and Tilt-up ROPS for easy internal service access.

For more information contact Mustang Manufacturing at 507/451-7112 or www.mustangmfg.com / circle no. 254

◀ Bobcat

With a 3,300-lb. rated operating capacity Bobcat's S330 becomes the company's largest skid-steer loader. With a 10-ft.-10-in. lift height, the vertical-lift-path S330 excels in such applications as nurseries, supply centers, turf and sod contractors, demolition and residential contractors. Its 85-hp liquid-cooled diesel engine means an increase in pushing power and drive torque when digging. The engine also improves performance in high-flow attachment applications by providing more support for the machine's hydraulic horsepower. High-flow attachments that will benefit from this include planers, wheel saws, Brushcat rotary cutters and snowblowers. The S330, as well as the other Bobcat large-frame loaders comes with an improved cooling system that increases the loader's cooling capacity by 30%.

For more information contact Bobcat at 701/241-8700 or www.bobcat.com / circle no. 255



LM Reports



ASV

If you need to grade, level and pulverize the soil in one pass, the ASV S4 Harley Rake is your attachment. Paired with an ASV RC-30 Posi-Track Loader, ASV's technology lets the RC-30 crawl over any surface with minimal ground pressure, yet the machine has the power and traction to work productively in most conditions. The rake features height-

and length-adjustable pneumatic caster wheels, reversible box end plates, electric over hydraulic angle — adjustable left and right, 20 degrees each way — and carbide teeth.

For more information contact ASV, Inc. at 800-346-5954 or www.asvi.com / circle no. 256

Case IH

Case Construction Equipment's 400 Series skid steers come in five radial- and three vertical-lift models that range from 49- to 82-hp, with maximum rated operating loads from 1,500 to 3,000 lbs. In addition to being Tier II certified, the new large-displacement, high-torque, long-life Case Family III engines on the 430, 440, 445, 450 and 465 provide quiet and smooth operation. These same models feature a 95-amp alternator for reliable starts.

For more information contact Case IH Construction at 262/636-6011 or www.casece.com / circle no. 257



New Holland

The new L175 skid steer loader continues New Holland's tradition of producing skid steers with the highest lift capacity to operating unit weight ratios available on the market. With the New Holland's L175 skid steer has a 2,000-lbs. operating capacity, bucket breakout force of 4,300 lbs., operating weight of 6,230 lbs. and 60-hp turbocharged engine. The L175 includes many of the same features available on New Holland's other skid steer models, such as the Super Boom vertical lift linkage for better dump height and reach, a long wheelbase for exceptional stability, fast ground speeds and no rear towers to impair visibility.

For more information contact New Holland at 717/355-1371 or www.newholland.com / circle no. 258

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