

July 2008

Reclaiming your land - bare hill tops can be restored

"Bare hilltops can be restored" according to David Lobb of the University of Manitoba's soil science department who was speaking to farmers at the 2008 Manitoba Ag Days in Brandon, Manitoba.

These bare hilltops are a condition that Lobb says can be reversed. Lobb explained that research has shown that the barrenness of hilltops isn't caused by water or wind erosion. He states that the main culprit is tillage, which drags soil downhill on every field operation. Not only does the soil naturally slide downhill because of gravity, farmers also use their machinery differently when they are going up and down the hills. Many farmers need to lift their equipment or gear down when they drive up these hillsides, causing less force to the soil that would be dragged up with it. Lobb explained that the tractor and implements exert far more force on the soil when going down the hill and resulting in more soil being pulled down the hill with them.

Lobb stated that in bad cases, the hilltop not

field at the end of the growing season. He compared this practice to that of today's technologies using an earth scraper to accomplish the same type of work.

Lobb explained that an earth scraper can lift a few inches of soil from low-lying areas and redeposit it on the hilltop and that four to five inches of replaced topsoil can transform a hilltop's productivity.

Lobb spoke of an experiment that he took

part in where a hilltop's production increased by 21 percent on the first year in which it had new topsoil added to it and by 83 percent the next year. The effect on the lower land from which topsoil had been removed was minimal.

With grain prices increasing it makes sense to reclaim your land.

The LEON Land Scraper is also ideal for ditch draining, landscaping, and a variety of construction applications.

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only loses all of its topsoil, but the infertile and inorganic subsoil will eventually be dragged off too. In his presentation, Lobb showed photographs of French farmers from the 1930's transporting soil from the bottom of the field - back to the top of the



The LEON Land Scraper Model 1700 is ideal for reclaiming valuable unused land.

LEON Land Scraper - helping your land to change with the times.

When times change it's nice to know that your land changes with it. LEON Land Scrapers are unmatched with overall strength and have industrial design that can take on heavy usage trouble free! When handling wet or sticky material the industrial strength push off cylinders are designed to work with today's high hydraulic pressure tractors. LEON is one of few manufacturers to offer all LEON Land Scrapers in custom colors, including colors to match Cat, John Deere, New Holland and Case IH equipment.



The forecast on grain prices this year is high and producers realize that every acre counts - especially when you can take advantage of the new GPS technologies to improve soil structure and make every acre count. This means every pothole or

slough will be filled in or drained. LEON Land Scrapers are affordable and are proven in the field for more than 50 years.

The LEON Land Scraper has a three piece cutting edge that slices into hard packed soil and can require less horse power to fill up the bucket than the competition. Leon Land Scrapers offer 4 different models from 6 yards to 34 yards in dolly wheel, straight hitch or tandem combinations. With the LEON Land Scraper, the big job gets cut down to size in no time at all.

The New 2008 Leon Vertical Beater Spreaders are here!

LEON'S is proud to introduce four new models of vertical beater driven spreaders to meet the growing demand in the marketplace. All 2008 models feature balanced dual vertical beaters which are synchronized to deliver a finer, wider and more consistent spread pattern for maximum satisfaction and performance. A variety of materials from poultry litter to heavy pen-packed or dry feed lot manure can be easily spread.

Beaters feature wear resistant ½" thick beater paddles for long life. The Silver Spreader paddles are also replaceable.

Adjustable spreading range is standard. Quick and easy adjustment of deflectors provides ability to vary spread range (depending on materials) from Spreader width to over 40 feet (13 metres).

Designed and tested by Leon Engineering, the unique beater drive mechanism

features heavy duty gear box design top mounted to provide more under clearance and to avoid damage by foreign objects. It is designed for continuous heavy duty work load usage featuring superior quality



sprocket and roller chains that are shear pin protected.

The Silver Spreader features a premium steel uniframe construction throughout the total framework, oversized extra capacity hubs and axles, hydraulic push off technology, corrosion proof solid poly box, PTO drive line mechanism and trouble free continuous performance. There is a 10 year warranty on the box liner boards and it can be converted to a materials trailer.

The baked on powder paint finish provides tough, durable and adhesive outer protection paint coverage.

The "AutoGate" is a standard feature on all LEON Silver Spreader models. The low profile hydraulic end gate automatically opens when the push gate is activated. When lowered, its snug fit helps contain loose and semi-liquid or granular material for even more versatile and all purpose usage of the Silver Spreader.

Manure . . . A Valuable Resource for plant nutrient and building strong organic soil



(Left) The LEON Vertical Silver Spreader transporting manure from a feedlot and (right) the LEON Horizontal Silver Spreader transporting manure to a fall field in preparation for next years planting year. Units under went months of intense testing on a Saskatchewan feedlot.

Built to withstand the toughest material handling applications, LEON engineers and technicians employ a rigorous testing schedule for their products.

Saskatchewan farmers Ron Bilokreli, Sam Buckle, Blaine Buckle, Dale Rhinas and Gord Rhinas all took their shot at putting the units through a rigorous work schedule on the farm.

With over a thousand cycle tests under its belt, the LEON Vertical and LEON Horizontal Series units were used to test and spread packed feedlot straw and feedlot manure with minimal straw.

Lawrence Grodecki (LEON Engineer) and Glen Zulyniak (LEON Technician) were impressed with the wide uniform spread patterns, the finely textured spread density, the consistent spread density and the quick unload times. The Saskatchewan farmers

confirmed that these were great characteristics in the new LEON spreaders. A LEON Silver Spreader helps you to manage your manure by distributing the materials more evenly. It applies the manure and/or compost uniformly to achieve an acceptable rate of application. The LEON Spreader distributes the material with a finer texture and more uniform application. Manure is a valuable resource for plant nutrient and building strong organic soil. The Silver Spreader gives you the control of unloading as well as being able to set the spread width from 20 to 40 feet. A farm that makes use of this natural commodity can save thousands of dollars per year on fertilizer costs. LEON Silver Spreaders can enhance the safety and efficiency of spreading your manure with either the Vertical or the Horizontal

spreader.

LEON Silver Spreaders come with a standard flow control valve, a Solid Poly box, an AutoGate, and ½" thick beater paddles for longer life. The paddles are reversible and replaceable. The Quick on - Quick Off beater assembly allows you to utilize your spreader as a Materials Trailer. The spreaders have a heavy duty hydraulic end gate, a convenient quick attach - detach slurry pan, a unique rear push off cylinder, triple lip sealed bearings with eccentric locking collars and a baked on powder paint finish. LEON Silver Spreaders offer 4 different models in both the Vertical and the Horizontal beater - 425, 575, 655 and 755 Bushels.

'We stand behind all of our products, but with our spreaders we stand a little further back!' - Brent Haas (Sales Manager)



LEON Model 4000 dozer on 9520 John Deere track series tractor. LEON offers a variety of Dozer Blades for both wheeled and track tractors.

NEW LEON Model 4000 Dozer Blade for John Deere Tractors

The NEW LEON Model 4000 Dozer Blade for the 9320T, 9420T, 9520T, 9430T, 9530T and 9630T is the farmer's new best friend. It provides an extra high tractor under frame clearance to prevent 'hangups' with a maximum blade lifting clearance of 49" plus. The unique blade contour that all LEON units have is ripple formed for a clean roll-off and roll break action to make pushing easier. The 4000 Dozer Blade has full tractor service accessibility, patented quick-on, quick-off mounting, high definition Dozer Blades 47" high and side extensions available. This blade is well suited for 4WD

tractors and tractor horsepower ranging from 350-530 h.p. It is available in widths of 12, 14, 16, 18 and 20 feet. The Dozer Blade

keeps the unit clutter free. Call order desk for more details.

Tim Curry from Pulaski, Tennessee recently purchased a LEON M4000 Quick Attach Dozer to fit a new series John Deere 9220 4WD tractor. Curry remarked that during planting season he loves the advantage of the quick disconnect, and being able to disconnect the dozer blade in a matter of five minutes, so that he can be back in the field quickly during seeding time".

Curry uses this tractor for many purposes in his agricultural operation and is happy that he is able to connect and disconnect the blade so quickly. He says that it works well with his farming operation.

Curry has used the LEON M4000 for packing silage, wheat haylage and for moving dirt. Curry stated, "It does a great job of moving the dirt around". He also remarked that, "the LEON dozer blade does a better job than other dozer blades". Curry said that he was very happy with his new purchase.

has adjustable skid shoes, a blade pin size diameter of 2.25" and a blade digging depth of 8" to 10". It has a hydraulic vertical tilt and is available with hydraulically controlled Quick Blade release and engagement feature.

It boasts a powerful hydraulic angling system for both right and left angling capabilities. The dozer blade is available with an optional blade top

and side extensions and optional side plates. The hydraulic bulk head break away

New Leon hydraulic quick attach for 4WD series

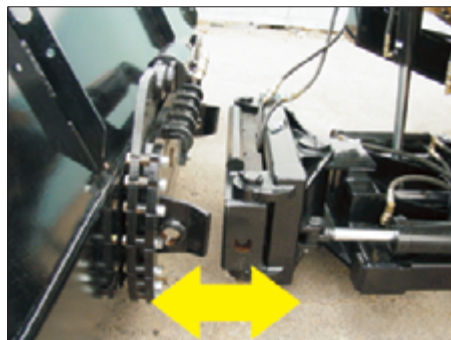
Now you can remove your LEON dozer moldboard automatically! Offered as a new option on the LEON 4000 Series, the operator can activate a hydraulic quick attach - detach feature.

Leon Engineers have developed dozer blades for many new models of tractors that are on the market. The Leon blades feature high blade lifting heights of 42 to 49++ inches while providing the convenience of the Quick-on, Quick-Off mounting.

You simply drive into the blade and hydraulically activate the lock pins that connect the blade to the push assembly. To detach the blade simply reverse the procedure. The following is included with the Hydraulic Quick-Attach: Quick-Attach blade locking device, hydraulic tilt (comes

with a hydraulic tilt cylinder), quick-couplers, hoses and tilt level indicator.

(Part #12290B0A)



The hydraulic quick attach-detach for 4WD series is a great time saving feature.

Congratulations to: Hergott Farm Equipment Ltd.

Recipients of the
2008 LEON Outstanding Dealer
Achievement Award

*In recognition of five decades
of Outstanding Sales
and Service of LEON
Agricultural Equipment*



Murray Hergott - Sales Manager and Gerald Hergott - General Manager receiving award from Brent Haas - LEON Sales Manager.

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Call Toll Free 1-800-667-1581

Visit us at www.LEONsmfg.com



Manitoba Ag Days January 15, 16, 17, 2008

The Manitoba Ag Days Show held its winter indoor display of agricultural production expertise, technology, and equipment in Brandon, Manitoba, Canada, on January 15, 16, and 17, 2008. The Show attracted exhibitors and visitors from across Canada and North Central United States and it provided an annual opportunity for producers to comparison shop for everything they would be needing for their agricultural operations.



Why farmers buy the LEON ASL Loader

Leon's Manufacturing received an AE50 award from the American Society of Agricultural Engineers for its innovative engineering with the Accurate Self Leveling (ASL) front-end loader. This loader is designed for tractors with 70 to 300+ hp.

This exclusive feature prevents load "fall back" on the operator at full lift height, eliminates the danger of losing a load during the raising and lowering process, and provides excellent dump and rollback angles in any position. It also provides greater range of tilt

movement from 100 degree dump angle to 40 degrees in the rollback angle. Accurate self leveling benefits all front end loader accessories, including buckets, lift forks, brick lifters and grapple buckets.

Call today for more details.

2008-2009 Trade Shows

June 18-20, 2008

Western Canada
Farm Progress Show
Regina, SK

August 19-21, 2008

Dakotafest
Mitchell, SD

August 26-28, 2008

Farm Progress Show
Boone, IA

September 9-11, 2008

Big Iron Farm Show
West Fargo, ND

November 5-8, 2008

Agri-Trade Expo
Red Deer, AB

November 24-29, 2008

Canadian Western Agribition
Regina, Sk

January 20-22, 2008

Manitoba Ag Days
Brandon, MB

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