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*Northwest • spring-summer edition 2008*

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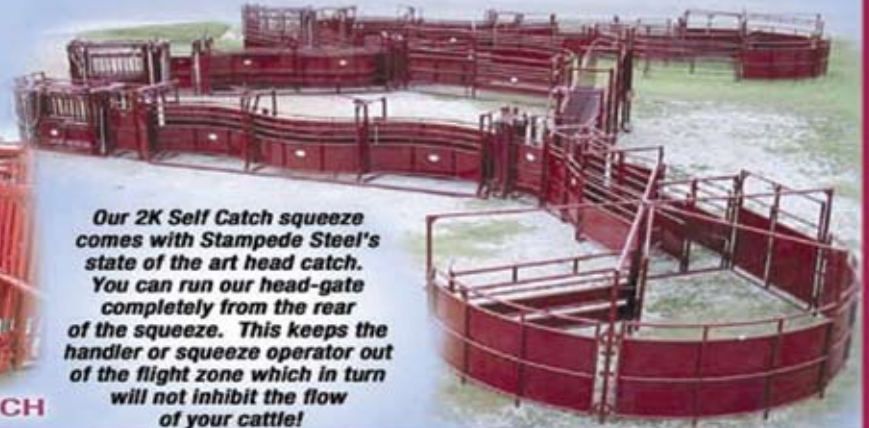
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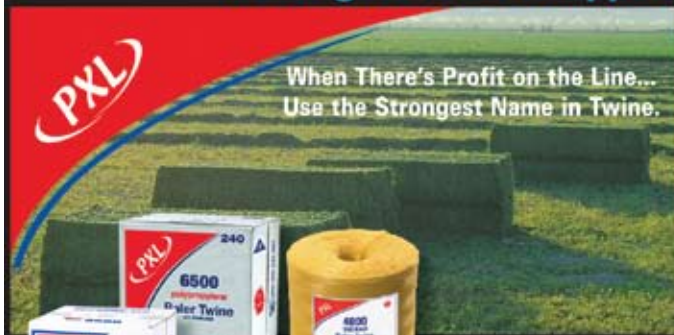
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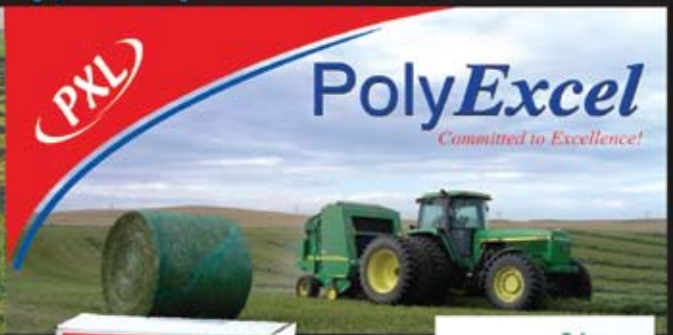
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ON THE COVER

Photo courtesy of the Idaho Horse Council.  
Inset photo courtesy of AnBo Manufacturing.

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## Stukenholtz Laboratory Inc.

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In 1970, there were no commercial soil and plant testing laboratories in Idaho. Farmers applied fertilizers based upon educated guesswork. Dr. Dale Stukenholtz and his wife Joyce saw an opportunity to build a business and started a soil and plant testing laboratory and field consulting service based in Twin Falls, Idaho. Dr. Stukenholtz had an unusually diverse background as an educator at the University of Nebraska, an agronomist in the fertilizer industry, and a farmer, and he saw a need for more modern fertilizer recommendations to produce greater yields at less cost. His clients were the growers, so he could make unbiased recommendations that maximized economic return to the farmer. After extensive field research, he developed these improved fertilizer recommendations that quickly became popular with growers and form the basis for nearly all fertilizer applications in the intermountain west area. Stukenholtz Laboratory clients include

growers from all neighboring states and several foreign countries including Australia, Canada, Egypt, Russia, Mexico and New Zealand.

Stukenholtz Laboratory provides 1 to 2 day service, including picking up and delivery time, across Southern Idaho from St. Anthony and Grace to Parma and Homedale. Results can be delivered, mailed, faxed, or pulled from the Laboratory's webpage: [www.stukenholtz.com](http://www.stukenholtz.com). To improve their service, Joyce and Dale Stukenholtz expanded the laboratory 11 years ago, installed the latest in computerized instrumentation and quality control, and made it the most modern and well equipped agricultural laboratory in their market area.

Critical to the success of Idaho's most efficient laboratory and largest field consulting firm has been its personnel. Dr. Stukenholtz has had a PhD in Soil Fertility and Plant Nutrition since 1964 and his son and Laboratory Manager Paul has nearly completed his own. Consult-

ing agronomists include J.P. Kruckeberg of American Falls, a 29 year veteran of field consulting and the most successful single agronomist in the state, and Bart Kunz. The Laboratory and office staff are equally good.

Stukenholtz Laboratory continues with research and improvement. In conjunction with the Idaho Crop Production Association and University of Idaho CFEP research project, Stukenholtz Laboratory has helped to ensure that fertilizer recommendations in Idaho are the most cost efficient possible and produce the maximum economic yield while protecting the environment. Stukenholtz Laboratory personnel have conducted field research on over 40 different products and continue to be the experts at "cutting edge" agricultural technology. As we end our first 37 years of business and begin our next, we would like to thank our current and former employees for their dedicated work and our customers and clients for their years of support. 

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# Health Benefits of Bramble Fruit

**There are many good reasons to eat raspberries and blackberries.**

They are high in Vitamin C, which prevents scurvy, reduces risk of stroke, and helps prevent cancer initiation. They are good sources of Folate, which is an especially important nutrient for



pregnant women, since it helps prevent neural tube (spinal column) defects. It may also help prevent heart disease. They are cholesterol free and virtually fat free. They are sources of dietary fiber that lowers cholesterol and may help prevent colon cancer and heart disease. They are low in calories. All these make bramble fruit a good addition to your diet.

But that's not all. Raspberries and blackberries have been shown to contain healthful substances which research shows may slow down the aging process, boost immunity, and protect against chronic disease, including heart disease and cancer.

An increasing number of studies link various foods--especially berries and other intensely colored fruits and vegetables such as strawberries, blueberries, and carrots--with improved health and disease prevention. Some of the healthful, bioactive substances in these foods appear to be the pigments that give them their bright colors. Others are flavor compounds, such as those that give an astringent taste to the seeds.

For example, anthocyanin, which gives berries their red color, is an antioxidant that scavenges free radicals, which may cause aging of cells. Researchers are currently linking anthocyanin activity to improving vision, controlling diabetes, improving circulation, preventing cancer and heart disease, and retarding the effects of aging, particularly loss of memory and motor skills. Ellagic acid, a phe-

nolic compound found in berries, has exhibited anti-carcinogenic effects against a wide range of carcinogens in several tissues. And ellagic acid has been shown, in studies with rats and mice, to contribute to significant inhibition of colon, esophageal, liver, lung, tongue, and skin cancers.

**Why not just take a nutritional supplement?**

When it comes to nutrition, no one has been able to outsmart Mother Nature. Research shows that it is a combination of phytochemicals working together with the berry's fiber, vitamins, and minerals which make it so effective. For example, the combination of anthocyanins, Vitamin C, and ellagic acid can act together, contributing to berries' high ORAC (Oxygen Radical Absorbance Capacity) value, a measure of antioxidant effectiveness. Antioxidants are shown to work best when combined; the presence of fiber, and other plant compounds en-

hance the health benefit. Scientists have also found that raspberries and blackberries may have cancer-fighting properties, but cannot attribute them to only one component. For these reasons, a nutraceutical source --a food with health properties-- is a more viable antioxidant option than a dietary supplement. And a lot tastier!

This article was provided by The North American Bramble Growers Association, a growers association whose objective is "to promote the general interest of the bramble growers in North America through improved communication and research." The article, along with a wealth of information on this subject, can be found at their website: [www.rasperryblackberry.com](http://www.rasperryblackberry.com).

If you are looking for a source for thornless blackberries, contact Tom Doyle of Doyle's Thornless Blackberry Inc., 1600 Bedford Rd., Washington, IN 47501. Phone 812-254-2654 or email [tomdoyle@fruitsandberries.com](mailto:tomdoyle@fruitsandberries.com)


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VARMITGETTER™ can’t build them fast enough. Business is really “booming.” In fact, it’s best to order before their spring rush begins.

Farmers, ranchers, and dairymen are eager to watch demonstrations of the VARMITGETTER™ destroy pesky varmints on their properties. VARMITGETTER™ currently has distributors across the U.S. and Canada and it continues selling well internationally to folks in all facets of agriculture and land use.

The VARMITGETTER™ operates by forcing a controlled ratio of propane and oxygen into the pests’ burrows. With one push of the ignition switch, the resultant blast destroys all the rodents plus their tunnel system. As an added safety measure, an electric cutout switch prevents ignition while gas is being discharged. A high voltage converter, situated in the applicator, keeps the ignition spark away from the operator at the control box. For added safety, the entire unit is equipped

with no less than three flash back arrestor check valves to eliminate any chance of fire traveling up the gas lines.

“Our device is designed to be back-filled in tunnel systems/burrows, containing the concussion, and controlling the noise level,” VARMITGETTER™ explains, “making this device very cost effective to operate. If you hear a ‘bang,’ your losing 75%, or more, of your concussion kill. Because this method kills instantly by concussion, it is more humane than poisons or traps, for just pennies a shot.”




What this means to the consumer is the VARMITGETTER™ is more economical, in addition to being more effective. Priced \$700 less than the competition, buyers are getting a lot more bang for their buck, so to speak. VARMITGETTER™’s improved design is likewise more economical on bottled oxygen use. Each

blast requires less oxygen to support the combustion of the propane.

On VARMITGETTER™’s website ([www.varmitgetter.com](http://www.varmitgetter.com)), they list 21 advantages of their product over competitors’ hand-held models. Most notably, perhaps, is the improved design that allows remote detonation (as much as 25-feet from the burrow). Operators are no longer subjected to what they call “ground zero fragmentation blasts.” Additionally, the superior design of the VARMITGETTER™ eliminates dust-covered clothes and allows the owner to view its effectiveness from a safe distance.

The improved design is more easily portable, providing a more consistent gas mix to increase effectiveness, and it gets gas into the burrow much faster for improved results. In fact, these improvements allow VARMITGETTER™ to confidently claim they’re able to destroy 100 feet of varmint tunnel in one blast and they’ve taken out 130-150 feet in a single ignition.

To learn more about the multiple VARMITGETTER™ advantages or to see actual online demonstration footage, please visit the website at [www.varmitgetter.com](http://www.varmitgetter.com). For inquiries or orders, you may contact VARMITGETTER™ at their Payette, Idaho office: 1.877.982.7648 (1-877-x varmit). 

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And Egbers knows their augers. Their repair and fabrication division has years of experience in re-flighting and balancing auger sections. “It just makes good sense to replace the auger flighting instead of buying a new auger section.” Confirms Doug, “New auger sections can be pricey and the Super Edge Auger

Flighting is priced to sell.” Along with their repair’s Egbers offers a wide assortments of replacement parts and tubing. They have you basic inside tubing, pipe, rolled tube for grain cart unloading augers all the way up to 40 ft. lengths for transport augers. “We’ve always thought freight and shipping to our customers was a problem, we can ship pretty much all the replacement parts a customer needs from here.” States Laura “That way all your parts come from one location instead of several.”

New service for Egbers is their ability to balance combine rotors. “We’re always looking for new products and services for our customers. These rotors can be balanced at a fraction of what a new one costs,” Says Laura.

All in all Egbers supports a great team for sales and repairs. They’re your One-Stop-Shop for your replacement needs. Call them at 800-462-2588 or check them out on the web - [www.eflighting.com](http://www.eflighting.com). 



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# HEADSIGHT INC.

## MAKING HARVESTING EASIER

**H**ow many of us have scalped the top of a terrace or hill when harvesting and had to stop and clean out the header?

What about cleaning out that combine rock trap only to realize it was just a bit too full?

Has it ever crossed your mind what kind of damage a single stray rock can do, damage to cutter bar, damage to auger, damage to feeder house? What about the cost of wear and tear on your machine that rocks and dirt cause?



Automatic header height can help provide that extra protection for your combine and header, helping to reduce costly down time, repair costs, and operator fatigue.

Headsight, Inc. has developed an automatic header height control which meets that need for the wheat harvester. It works with most combines made in the last 30 years, and mounts on rigid, draper or locked up flex headers.

The versatility of this system is why it is so enticing. The sensors can mount in front of the cutter bar providing the fastest response around terraces or quickly changing ground, or mount directly on or just behind the cutter bar. These options can even be used in combination with each other providing the best protection to the header and quickest response to ground changes.

Headsight's® patented design is equipped with adjustable ground pressure and forward sensing. The down pressure is adjusted by simply changing the spring position to match the thickness of crop residue or the traveling speed; providing an accurate reading of the ground height at all times. The forward sensing is accomplished by the curved shape of the wands. This shape allows earlier contact with the ground at lower operating heights, thus giving better protection to the header and combine.

Besides the curved wand shape, the other secret to Headsight's® success in wheat fields was developing sensor arms that were both flexible and rigid. The wands need to be rigid enough to give an accurate height signal, but flexible enough to handle the constant abuse of varying field and operating conditions. To

date, no other sensor in the world has employed this simple but profound idea to satisfy the "rigidly-flexible" requirement.

Have you ever stopped to consider the amount of money riding on a successful harvest? Most operators have \$50,000 to \$300,000 just in one header and combine alone not to mention the crew cost, cost of down time, machinery maintenance expense, and cost of crop loss. Headsight® provides a simple product to help protect your investment and help make harvesting easier and less stressful.

If you have operators who are in training, who have to drive into the sun, who run at night, who have bifocals, who want one less thing to worry about during harvest, or simply want that added protection, you should purchase automatic header height control.

The Headsight® system offers up to 5 sensors on nearly every combine. Major combine manufacturers such as CNH and John Deere also provide header control for cutting wheat but only on their newest machines and only allow for a two sensor package.

If you have any questions regarding this new product or would like more info, check the many pictures on the website, [www.headsight.com](http://www.headsight.com), or call the Headsight office at 574-546-5022.

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### AUTO HEADER HEIGHT



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# MIL-STAK Mid-Size Bale Loaders

## Fast, Simple, Affordable

**M**IL-STAK has taken great care to design a mid-size bale conversion that does not damage your New Holland bale wagon. Conceived and invented by a custom hay stacking operator, the goal was to design a fast, simple way to single-handedly load and stack mid-size bales with a New Holland bale wagon. Yet equally challenging was to try to retain the ability to quickly switch back to small bale loading.

In their Mid-Size Bale Loader, MIL-STAK has accomplished just that.

Now offering three models from which to choose, MIL-STAK is able to fit any size of operation, from the family farm to the large commercial operator.

- The model 1030-s is designed for 3x4 bales with the big operator in mind. It is extremely strong and built to withstand many hours of continuous use.

- The all new 1028-s model is designed for the 3x3 bales and is non-adjustable.

- The model 1032 is adjustable and able to handle the 3x3 and 3x4 bales with ease.

All three models are designed to easily switch to and from mid-size bale loading with a few bolts and hydraulic quick couplers. Everything is either bolted on or plugged in – there is no welding on your bale wagon and no wires cut. By utilizing your bale



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wagon's existing controls, the operator can quickly and easily load a tight, uniform stack of mid-size bales. And with features like the Air Bag that virtually eliminates any side roll of the bale wagon, a specially designed Cushion Valve, which allows operators to gently place bales on a second table, and the second Table Booster that helps lift the extra weight of the mid-sized bales by lifting toward the front of the second table, which greatly reduces the stress on the pivot pins, the MIL-STAK Mid-Size Bale Loaders are not only a joy to work with, but will help keep your bale wagon around longer by lessening wear and tear. Add in the matching yellow and red paint job, and it's evident that MIL-STAK is the leader in quality and appearance.

MIL-STAK...fast, simple, affordable. For more information call (208) 452-6045, fax (208) 452-6065, or write MIL-STAK INC. at 1350 Glenway, Fruitland, ID 83619. 



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## AnBo's rakes designed to help farmers move waste

The hydraulic grapple rake, a versatile new tractor/loader attachment, is giving farmers and ranchers greater control and efficiency in cleaning up, moving, loading, and stacking tasks.

While the dirt bucket has been the standard tractor or loader attachment, it has drawbacks in a variety of tasks requiring control and efficiency such as raking, carrying, or stacking.

Because it's more efficient and adaptable than the bucket, the grapple rake, which hydraulically opens, closes, and moves its jaws of spaced metal tines, is becoming indispensable. It can remove trees and brush or surface rake limbs and debris without piling up unnecessary dirt. It can dig out roots, stumps, and rocks. It can pick up, move, and stack logs and hay bales. It can even lightly plow and efficiently tackle a variety of tasks requiring more control than the typical bucket provides.

Dorman Walser, who farms and ranches 4,000 acres in Crowell, Texas, used a standard bucket attachment on his Caterpillar loader, as well as other implements, to remove trees/brush, move firewood, and haul hay. He was less than satisfied with the results. "The bucket could pile stuff up, but couldn't rake or stack,"

Walser says. "It dug into the ground and picked up a lot of trash and dirt that we had to sort out. It wouldn't hold things in place."

To dig out roots, Walser resorted to plowing. "The plows would hang up on roots and tear up shanks," he says.

While hayforks could move hay bales, they lacked the control necessary to stack them. Says Walser, "When the bale rolled off the fork, I'd have to hope it rolled where I wanted it."

A firewood side business was also too manually labor intensive, requiring sorting through logs and debris.

Walser needed a tool strong enough to pick up stumps, logs, and hay bales, controllable enough to stack them, and versatile enough to efficiently rake up twigs and limbs without piling up dirt. It also had to be strong enough to withstand long wear without breaking teeth.

He turned to a hydraulic grapple rake by Colville, Washington-based AnBo Mfg., which specializes in high quality designed products for tractors, loaders, and skid steers.

AnBo built the grapple rake to fit Walser's Caterpillar loader so no brackets were needed. The grapple rake operates with the

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loader like a bucket. You can raise and lower it, roll it forwards or backwards. Opening and closing its jaws of spaced metal tines is controlled by a third hydraulic function.

Walser chose an 8-foot grapple rake with 6-inch tine spacing to allow dirt but not brush to sift through the rake's tines. AnBo uses a special type of steel that has twice the yield strength (resistance to bending) and a much higher Brinell Hardness rating (resistance to wear) than T-1 steel.

When he uses the grapple rake to remove trees, stumps, and roots, he's confident it'll pick up the load without bending teeth or clattering things up with debris.

"I can pick up whatever I want with it, from stumps as big as people to brush, without picking up dirt," he says. "It's great for grubbing out stumps and roots, and can do the work of five men moving and stacking logs in our firewood business."

He uses the grapple rake not only to rake up tree limbs, brush, and trash, but also to lightly plow the ground in preparation for planting improved grass seed for cattle pasture. "Because you can do everything with it from removing stumps, to raking, to light plowing, it makes for a fast, easy way to get a clean pasture," he says.

Walser uses the grapple rake to pick up, place, and stack square and round hay bales on a truck trailer, in addition to taking hay straight to the cattle from a haystack. "The grapple rake gives us more control than a hay fork," he says. "With it, you can pick up, turn, set down and stack bales wherever you want. It's a great tool for so many applications, and is quick to change over from a bucket."

Dennis Sherer, who grows corn and soy beans and runs a cow/

calf operation on 2,000 acres southeast of Kansas City, Missouri, had removed trees from a hedge row that was damaging a fence, and whose roots were jutting into a field. He was frustrated with pushing the trees on the ground with a dozer bucket for burning disposal. Trying to remove the roots with a chisel plow wasn't working, and he disliked how waste hay fell from the bucket when cleaning around the cow racks each winter.

He turned to a 7' AnBo grapple rake as an attachment for his tractor loader, and found the going much easier.

"Instead of pushing trees along the ground, I pick them up with the grapple rake and carry them to the pile," says Sherer. "It grabs everything like the fingers of your hand, and gives you more control. With it, you can pick up just about anything off the ground. It saves lots of time picking up waste cow feed to spread over the pasture."

Sherer has used his grapple rake to pick up, move, or load items that are difficult or inconvenient to do by hand. He's used it to pull trees back from fence lines. He's used it to load wood posts. He's used it to pick up scrap iron, old tires, and concrete foundation pieces. With it, he plans to tear down old wood buildings and load them onto a truck for removal.

"It's a great time saver," concludes Sherer. "I wish I'd heard of it earlier."

For more information, call 866-684-3330 toll free; fax 509-684-1997; email [sales@anbomanufacturing.com](mailto:sales@anbomanufacturing.com); visit [www.anbomanufacturing.com](http://www.anbomanufacturing.com) on the internet; or write to AnBo Manufacturing, Inc. at 685 Elm Tree Drive, Colville, WA 99114.

The Columbia Basin Farmer, September 2006

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In the same way, the continuous use of this technology promotes weed control. This plow cuts the weeds root,

interrupting the upward flow of water and nutrients from the lower layers of the soil, which provokes the weeds' wilting and avoids its propagation. In contrast with the use of the disc implements, which eliminate the above ground part of the weed, but fragments the weeds root, thus promoting its propagation.

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# Pressurized Exhaust Kills Underground Rodents

The patent pending H & M gopher control system uses carbon monoxide from pressurized engine exhaust to kill burrowing rodents such as gophers, ground squirrels, moles and voles.

According to the company, exhaust gas has long been one of the most lethal and least expensive methods to kill burrowing rodents. But until now there hasn't been an economical, efficient delivery system.

Company owners, Allen Hurlburt and Virginia Massey, said that the PERC system (Pressurized Exhaust Rodent Controller) involves a 1/4 inch diameter steel wand that is used to probe the burrow and injects pressurized exhaust via a hand piece valve that fills the burrow with lethal concentrations of carbon monoxide before the rodent has a chance to either escape or block the burrow.

An internal combustion engine, that also

drives a compressor pump that pressurizes the exhaust gas to 125 psi in a storage tank, generates the carbon monoxide.

Two models are available. The PERC 412 is a trailer-mounted unit with a 13 hp motor and four reels each with a 50' hose and the hand probe. The 412 features turf tires and is designed to be pulled behind an ATV. It sells for \$6,595 plus S&H.



The PERC 206 is a skid-mounted unit with a 6.5 hp engine, two reels with 50' hoses and hand probes. It sells for \$3,695 plus S&H. There is an accessory trailer available for the PERC 206. It sells for \$425 plus S&H.

"Crop stands are not damaged and the operating cost is low," Hurlburt says. "It is simple to use and safe for the operator as well as wildlife since there's no poison bait or explosions involved. No other control method is as effective, efficient and as inexpensive to operate as ours."

A PERC system can treat moderately infested alfalfa fields at about 3.5 acres an hour with a single operator, he adds. Each probed location requires only about 20 seconds injection time.

"We have shipped units from Southern California to central Canada and as far east as Kentucky. Though most of our market has been with alfalfa growers, orchard and specialty crop growers have also purchased units. A school district purchased a PERC 206 for their athletic fields and several government entities are very interested," Hurlburt says.

Contact: H & M Gopher Control  
Allen Hurlburt and Virginia Massey  
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Phone (530) 667-5181

Email: [hurlburt@cot.net](mailto:hurlburt@cot.net)

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Otter's offers balanced and pivotal dozer blades for the standard 2-wheel drive tractor with optional widths of 9 ft., 10 ft., 11 ft., and 12 ft. The blade mounts close to the front wheel for best control, has easy suitcase linkage for angle change and activates from a standard 8-inch cylinder which is included. The push frame is designed to take the beating that a dozer gets on the corner.

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## Mobile Information to Anywhere



a critical task. In the early 90's Jerry Abts was selling a sophisticated and expensive remote monitoring and control system for center pivots; but most irrigators declined and simply asked, "what'a'ya got that will just tell me if my pivots are on?" The answer came in 1995 when Abts founded Pivotrac.com and patented a method of using simple text pagers to keep irrigators

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# SolWest Renewable Energy Fair Ltd.

## Neighbors Powering Community

“Neighbors Powering Community” is the theme of the tenth annual SolWest Renewable Energy Fair July 25-27, 2008 at the Grant County Fairgrounds in John Day, OR. Admission includes over 50 free workshops on both off-grid and grid-intertied renewable energy (RE) and sustainable living topics. A pre-fair workshop will install a grid-intertied solar backup power system. Fifty exhibitors show tools for energy independence and lifestyle self-reliance, including solar, wind and agricultural resources. Keynote speaker Greg Pahl, author of The Citizen-powered Energy

Handbook emphasizes renewable resources for neighborhood energy. Alternative vehicle displays highlight efficient transportation technology. Cost is \$5 per adult per day, with weekend, youth, and family discounts, volunteers and children under 12 free. Camping is available (free for volunteers).

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## Rite Way Mfg.Co. Ltd.

Rite Way Mfg. Co. Ltd. has been in the business of manufacturing high quality farm equipment for more than 35 years. They specialize in equipment that helps prepare your seedbed, but also produce bale wrappers and combine header storage equipment.

Rite Way entered the farm equipment business with its innovative new design in rockpickers, which can handle rocks that other rockpickers would have to avoid.

Rite Way Jumbo and Jumbo Junior harrows are an invaluable tool for anyone practicing zero tillage or minimum tillage to preserve their topsoil. The Maxi-Harrow prepares a seedbed on minimum-till land, even where surface residue is heavy. It creates mulch on the soil surface, sealing moisture in.

Their landrollers press rocks into the ground and seal the seedbed, giving crops a better chance to germinate. They come in a multitude of sizes to fit any farm operation.

Rite Way’s large equipment has always been easy to fold into

transport mode. Now, unfolding their equipment is even easier with its new FORWARD (patent pending) function that allows farmers to drive forward while unfolding equipment, making it practical to tow several pieces of equipment in tandem.

Rite Way prides itself in manufacturing equipment that’s innovative, simply designed, durable and extremely effective. You can find out more about them by visiting [www.ritewaymfg.com](http://www.ritewaymfg.com)

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## IDAHO HORSE EXPO 2008

### “Come Ride With Us”

The Idaho Horse Council is proud to present the 22nd annual Idaho Horse Expo this year on April 18, 19, 20 at the Idaho Horse Park in Nampa Idaho. This years featured clinicians are Craig Cameron, Alice Trindle, Jeff Spencer and Dee Craig. The expo offers a wide variety of events, shows seminars and private treaty horse sale.

The Private Treaty Horse Sale has become a very large part of the Expo. Owners with horses for sale, bring them to the Expo, and anyone interested in buying is able to deal with the horse's owner, face to face. No other involvement is necessary, and the best of all, to commissions to pay. Sale horses are previewed in the Northwest Dodge Arena each day. There are stallions on display, and they are also shown all three days in the Dodge Arena in the


Stallions of Parade.

This year the Round Pen Challenge will feature “three year old wild mustangs from the Bureau of Land Management”. Three clinicians will be exhibiting their skills in starting young horses. These three mustangs will be auctioned Sunday evening after the finals of the Round Pen Challenge. All who are of age will be able to take a “Test Ride” in a round pen, to see what it is like to ride a well-trained horse. There also many youth activities available for kids, as well as educational seminars and symposiums put on by the College of Southern Idaho all three days.

This year we will offer “Mini Clinics” at a nominal fee, to the public: Barrel Racing, Quadrille, Cutting, Driving, Gaited Horses, Packing, Reining, Roping, Western Pleasure, Horsemanship

and Trick Roping. Please call our office if you are interested in participating in our mini clinics, 208-465-5477.

We will have a Ranch Rodeo on Saturday in the outdoor arena, and on Sunday we will have a Supreme Cowboy Race in the Esther Simplot Eventing Arena. In addition to all of these great events, we have over 100 vendors...so shopping is great! We will also have both Live and Silent auctions and on Saturday evening we will have Freestyle Reining and a Scholarship Auction.

If you love the Western lifestyle, this is the place for you! The Expo will be open on Friday 12-9, Saturday 9-9 and Sunday 9-5. Admission is \$10. for adults and \$5. for kids and seniors. For more information, please visit: [www.idahohorsecouncil.com](http://www.idahohorsecouncil.com) or call 208-465-5477. 

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## The Idaho Youth Horse Council

By: Faye Yoctorowic, President

The IYHC is an organization to advise and promote the youth horse development in the state of Idaho.

To serve as a central organization, to study problems and opportunities encountered in youth activities associated with horses in Idaho.

We coordinate youth horse activities with Idaho extension service to obtain maximum benefit of the horse for developing youth.

The role of the council is advisory and promotional for youth horse program development.

We work together with a large group of


volunteers to encourage the art of horseback riding and the management and care of everything equine. We recommend guidelines and safety procedures around the state.

With Sponsorship from the IHC we hold District and State contests for the following.

- a. Horse Judging contests
- b. Oral Presentation Single and Team
- c. Public Speaking
- d. Horse Bowl
- e. The Idaho Horsemanship Award
- f. Idaho Horse Scholarship to National 4-H Congress.

This year the public speaking, oral

presentation, Horse Bowl and Judging contests will be held in Idaho Falls on the 14th and 15th of July with the top winners from each of the four districts attending. Also offered at each district is the chance to win the coveted Idaho Horsemanship Award. The contestants must be fourteen years of age to try for this. They must pass a test of knowledge of Horses, also do a oral presentation, then they must present on horseback their skill of riding horseback.

The youth who pass this test go on to help in the IYHC to become mentors and judges so the circle continues. 

# The Appaloosa Museum

The story of the Appaloosa Museum and that of the Appaloosa Horse Club is comparable to siblings growing up in the same family. While they have many experiences in common and even share physical characteristics, there are distinctive features to both. Like the Horse Club, the Museum had its birth in the basement of the home of George and Iola Hatley in Moscow, Idaho in the early 1940's. Claiming one corner of what was to become the early office of the registry, a collection of Appaloosa horse related artifacts and archival material began to grow. These items chronicled the critical involvement of the horse in both Native American and Western American history.

When the ApHC had grown beyond the confines of the Hatley home it moved to larger quarters on First Street in Moscow in 1958. The growing collection of Museum items could then be displayed on more wall and floor space. Three years later and growing like a teenager the Club moved to a storefront location in downtown Moscow on Jackson Avenue. Following its older sibling the Museum moved with the Club.

The Museum now had space prominently located in one of the storefront windows of the reception area of the Club. The initial space, which had seemed so large, compared to the basement corner, over time, filled both walls and the floor to overflowing. Fortunately

for the Museum the ApHC was experiencing a similar phenomenon. So, in the late 60's plans were discussed, commitments were made and ultimately a new ApHC building was built at its present Idaho/Washington state line location in 1974.



Included in the new building was a distinct and separate, but attached, "Museum Wing" of about 1850 square feet of space. This new space seemed enormous at the time. The move also marked the transition of the Museum from "younger" sibling to becoming an adult. The Museum became incorporated as an IRS 501 (c) (3) corporation in 1975.


By the early 1990's it was evident that once again we had outgrown our home. An active and major fund raising program was begun and with the help of literally hundreds of loyal Museum

patrons and members, funds and materials were gathered and construction on the Museum addition was begun in 1997. This marked the first large scale construction project by the Museum. The Museum made the leap into the cyber age in the late 1990's and now has a beautiful website, [www.appaloosamuseum.org](http://www.appaloosamuseum.org), where web visitors can explore Appaloosa history, view many of our exhibits, and shop in our internet gift shop. In 2006, the Museum added on yet again by fencing in a one acre pasture behind the Museum and Horse Club where two colorful Appaloosas reside from May to October of every year.

We hope to "see" you at either our real or "virtual" museum in the near future.

The collection includes:

- Early evidence of the spotted horse around the world
- Native American artifacts
- Early settler & Cowboy artifacts
- Appaloosas in the media and pop culture
- Appaloosa Horse Club memorabilia and history
- Horse show, rodeo, and race artifacts
- Children's hands-on learning area
- Live Appaloosa exhibit (May – October)
- Extensive Library and Archive

The Appaloosa Museum is located at 2720 West Pullman Road, Moscow, Idaho ~ at the Idaho-Washington border. (208) 882-5578 ext. 279 


## Stallions on Parade

The Idaho Horse Expo offers a venue for some of the areas finest stallions to be presented to the public. Since its conception stallion owners have been able to bring their stallion to the Expo where, for the three days of the Expo, their horses are displayed in stalls where the general public can see up close these fantastic animals. Also it gives the people that are interested in breed-

ing an opportunity to match with their mare. The Expo tries to get as many different breeds as possible to present a varied program, this gives everyone an opportunity to see many possibilities in the breeding program. Many of these stallions have returned year after year plus you get to witness some of the offspring as well.

Each of these three days the stallions are brought out of the stalls for a hour

long stallion parade. During this time the owners are given an opportunity to display their horse in whatever discipline they desire, whether it be halter, reining, jumping, dressage or the various maneuvers of the walking horses.

Along with scripts and the music timed with the individual performances it makes for an exciting hour of entertainment witnessing some of the finest stallions and trainer. 

# Rio Hondo Livestock & Farrier Supply

**R**io Hondo is family owned and managed by Richard and Lynn Brook. Rio Hondo is Spanish for the “deep creek” running through the Brooks’ ranch situated in the Snake River Valley of southern Idaho, 4.5 miles west of Buhl, along Scenic Highway 30.

The Brooks have been in the ranching and farrier business for 35 years, having complete knowledge and expertise pertaining to the horse shoeing industry

including distinctive brand name tools and supplies. They also include their son and daughter, Rick and Surya in the daily operation of the business emphasizing friendly service and customer satisfaction.

The Brooks’ thorough knowledge and experience in cattle ranching has prompted them to offer consumers Hi-Hog, “The Outstanding Brand” in farm and ranch livestock handling equipment. Rio Hondo

will be the only provider of Hi-Hog equipment in Idaho. An “onsite” equipment display offers consumers a “no obligation” demonstration with the opportunity to check out the high quality and ease of handling this exclusive equipment offers.

Rio Hondo would like to take this opportunity to thank all of our customers for their support and patronage. We appreciate your business, and look forward to supplying your needs in the future. 🐾

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## Idaho Horse Expo’s “Private Treaty Horse Sale”

April 18, 19, 20 2008

### Where you make your own deal

The Solution to the frustrating procedure of buying or selling a horse.

**C**onsider the idea of buying a car, home or any major appliance, only through an auction. You have little idea of the history of the item and you have only 2 to 3 minutes to make up your mind. Certainly not an ideal situation, but many of us purchase horses in that very manner, only to get the horse home and find it is not suitable for our intended purpose.

Although the logical alternative to finding horses is to buy directly from the owner by going through publications, scheduling appointments (and finding the horse is not what was represented) it’s time consuming and frustrating. If only there was an “equine department store” or a “car lot for horses” where we could go and try out prospects and talk to the owners? The “Private Treaty Horse Sale” offers this sensible solution to the consumer.

Years ago farmers, ranchers and cowboys brought horses to town once a year (usually at the count fair) to offer them for sale through, “private treaty”. They would pay a small fee for use of a corral and spend a few days “showing their horses” and making deals. Prospective buyers would come, try out and leisure-

ly observe the horses and make offers or trades. In most instances both parties went away with the satisfaction the best deal was made for the most suitable horse. Nowadays, called a “win-win” situation.

This concept has reemerged on a limited basis here in the West and also in our area. The Idaho Horse Expo has, for the last few years offered both buyers and sellers this opportunity through the Private Treaty Horse Sale held annually at the Expo. Although previously limited to 50 horses of all ages, breeds, price ranges and training, most buyers found a virtual smorgasbord of animals to choose from. The sellers pay a one-time fee for a stall, with absolutely no commission no matter what the horse sells for. They may sell him during the Expo, at a later date for what he was advertised for or they may make their own deal. Sellers have the opportunity to ride, show and offer their horses from 5,000 to 10,000 potential customers during the three days. Buyers find this appealing as they have the opportunity to look over, try out and most importantly visit with the owners and take their time making up their minds.

It is true, not all horses are sold during the three “Expo” days. However, many sellers report not only selling the horses later as a result of the exposure but also making important and lasting contacts with potential buyers on an ongoing basis. In one case, a \$20,000 horse was sold several months later, but as a result of introducing “buyer to seller” at the sale.

So, if you have a horse you would like to expose to thousands of potential buyers, and don’t want to “make your own deal”, consider the wave of the future in horse sales. Consign at the Idaho Horse Expo, Private Treaty Horse Sale.

And, if you are in the market for a horse, and would like to take your time, look at lots of horses in one place, try out prospective horses, and meet and talk to the owners at your own leisure, this is the place for you. Buying a horse is too important a decision to make hastily. Come to the Idaho Horse Expo at the Idaho Horse Park in Nampa, Idaho. Having a satisfied horse owner and seller is important to us and it is good for the industry.

Contact the Idaho Horse Council  
208-465-5466 🐾



## Morning Star Enterprises

**M**orningstar Enterprises was formed in October 1999. With the idea of supplying the Dairy and Farming Industries with affordable, practical and applicable equipment to help in their day to day operations.



We started building our first side dump trailer in the winter of 2000. It was a design that has been around for many years. With the needs of the farmer ever growing and the size of most farming operations expanding, we saw the need to design and build a larger and more capable side dump trailer. A design that would hold not only a wider range of commodities but would also hold more weight.

In the winter of 2007, we built our first TubStar side dump trailer. It has a larger cubic yard displacement than any competitor and is capable of lifting 3 times the weight of the older style trailer.

The TubStar is built especially for the Dairy and Farming Industries. It features an oversized Tub design that allows the farmer to move more commodities, quickly and efficiently! It is built on a triple I-beam chassis that can withstand any load that the customer may want to haul. Depending on the model, all chassis' are balanced on either a two or three fixed axle design. All TubStars come with super single 445 tires, more than capable of handling the weight. They feature two single stage, double acting hydraulic cylinders that are actuated to dump and also to retract. All welded construction, all hinge points are greaseable. They come with either a ring eye hitch or a double tongue hitch assembly, jack stand, all hydraulic hoses and connects. When you purchase the TubStar it is ready to go to work for you!

Most all customers that have purchased and integrated the Side Dump trailer into their day to day operations, have wondered how they got along without one. These trailers save time and money by allowing the customer to move more product to and from around their farms.

Another great feature to the TubStar is its ease of windrowing the product when it dumps. The commodity can be disposed of at a stand still or on the run. How's that for all of you who compost your commodities!!

The TubStar is amazingly stable and will never tip over, even

with the heaviest of loads. They come with a wide range of color choices built to last for years around the farm.

The TubStar comes in four sizes, 28 ft., 24 ft., 20 ft., 16ft. We are also currently designing a more suitable size for the nursery and tree growers. A design that will fit into most hothouses, nursery buildings and orchards.

Morningstar Enterprises also manufactures a hydraulic water pump. These pumps make pumping water from any source, efficient and easy. No more dragging your gas driven, primeable water pumps through the mud and puddles to remove standing water. Simply back your tractor to the water source, plug in the hydraulic hose leads to your tractors hydraulic system, drop the water pump into the standing water, lay out the discharge hose and turn on the tractor. There is no priming of the pump needed! No more chasing your gas driven pump with fuel, oil or wondering if the pump lost its prime. These pumps can be ran dry with no harm. Most all tractors can be ran at an idle when powering the pump. There is no need to idle up the tractor to operate the MStar hydraulic water pump. It's as simple as that.

Call Mark or any of our distributors for additional information about our products. Have a great 2008!!

Dealer or distributor inquiries are welcome.



### TUBSTAR SIDE-DUMP TRAILERS

**NOW AVAILABLE!**  
Tub style design side-dump trailers. Off-road only, built especially for the dairy industry.

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- 16 & 20 foot trailer - 75,000 pound load capacity
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In Oregon, call Kurt: 1-503-812-0932  
In New Mexico, call James or Larry: 1-505-762-4453  
In Texas, call Albert: 1-505-762-4453  
In California and all other areas, call Mark: 1-559-246-2385  
Dealerships available, also call Mark for details @ 1-559-246-2385

# Slaughter Inspection 101

## INSPECTION BASICS

- \* Industry is accountable for producing safe food.
- \* Government is responsible for:

setting appropriate food safety standards, verifying through inspection that those standards are met, and maintaining a strong enforcement program to

deal with plants that do not meet regulatory standards.

\* Slaughter facilities cannot operate if FSIS inspection personnel are not present.

\* Only Federally inspected establishments can produce products that are destined to enter commerce.

\* To receive Federal inspection, an establishment must apply for and receive an official Grant of Inspection. To obtain this, an establishment must:

Have written Sanitation Standard Operating Procedures; Conduct a hazard analysis; Develop and validate a Hazard Analysis and Critical Control Point (HACCP)

\* Plan; and Agree to abide by all FSIS regulations.

\* FSIS conducts carcass-by-carcass inspection at all federally inspected slaughter facilities and ensures that establishments follow all food safety and humane handling regulations.

\* FSIS inspection program personnel verify that the establishment maintains proper sanitation procedures; it follows its HACCP plan and complies with all FSIS regulations pertaining to slaughter and processing operations.

\* If the establishment fails to maintain sanitation, does not follow its HACCP plan or violates other regulations, FSIS inspection program personnel will issue a citation to the establishment in the form of a noncompliance record to document the noncompliance. If necessary, they could also take regulatory control action.

\* Livestock slaughter and processing establishments must maintain written procedures for removing, segregating and disposing of specified risk materials (SRMs) so they do not enter the food supply.

\* SRMs are high-risk tissues that pose the greatest risk of exposure to bovine spongiform encephalopathy (also known as BSE or "mad cow disease").

\* Some examples of SRMs are the brain, skull, eyes, trigeminal ganglia, spinal cord, vertebral column, and dorsal root ganglia of cattle 30 months of age and older; the tonsils of all cattle; and the distal ileum of all cattle.

Article courtesy: USDA.gov

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# Don't just buy a product, buy a result.....QuickHit!



**F**ootwarts have become a significant problem for dairymen. Left untreated they leave the cow in pain, unable to walk with a normal gait. This will result in improper eating, lower production, problems in breeding and economic loss.

QuickHit is designed and formulated to help gain prompt control over footwarts. It contains no antibiotics, and is safe to use in the parlor. QuickHit is to be used as a direct topical spray or drench, and can also be used in a wrap for more severe cases. It is easy to use, no mixing is involved.

QuickHit is based upon an exclusive low pH technology. A low pH base product is combined with copper, zinc and surfactant to produce a highly effective solution. Rapid results are achieved with the low pH of the product plus the benefits of the copper and zinc as well as the increased exposure time with the

aid of the surfactant. Field results by producers have shown the product to be as effective as antibiotics without the risks associated with antibiotics.

QuickHit is not for every cow; it is to be used only on those animals with apparent locomotion problems.


Identify the animals with a footwart and clean the affected area as necessary. Spray or drench the affected area to the point of run-off.

Do this two milkings per day, morning and evening milkings. You should notice significant improvement in the animal's gait within 24 hours. For severe cases, a lesion that is quarter sized or larger, wrapping may be necessary for the most rapid control. Simply soak

a cotton ball or gauze pad with QuickHit, apply to the affected area and wrap. Remove the wrap after three days and inspect. In most cases the footwart will be well on the way to being resolved.

QuickHit is allowed for use on Organic Farms. All inert ingredients in this product are contained on U.S.EPA's List 4 of inert ingredients. Accordingly, this product is **ALLOWED FOR USE** on Organic Dairy Farms. For Certificate of Ingredients contact SSI Corporation.

QuickHit is available in 1.0 gallon and 2.5 gallon containers. Made in USA.

SSI Corporation, 210 S.Cedar St., P. O. Box 9, Julesburg, CO 80737 Tel: 800-654-3668, [www.ssihoofcare.com](http://www.ssihoofcare.com) 



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# Mt. Ayr Vet Clinic & Vet Products

## Vet's Product Fosters Togetherness In Cattle

"Calf Claim" helps new cattle mothers and their calves get off to a compatible relationship. "Calf Claim", a granular product, encourages even the most apathetic cows to respond appropriately to their newborns. It is smeared or sprinkled on the calf during the tough bovine debut when there's extra stress usually involving a young, first-time mother who can't get the calving job done on her own. In livestock, sometimes you have a problem with the mother claiming the young, and some will even attack them. Heifers are the worst. It's a mess if a heifer doesn't claim her calf. If the calf doesn't nurse, it can't absorb the antibodies it would get from the colostrum.

When the "Calf Claim" is sprinkled on the back of the newborn livestock, it makes even the most reticent mothers receptive to their young. The mother smells the licorice-laced product and dries off the baby as she licks it. This contact stimulates the baby's respiration and heartbeat. The calf stands up and the cow lets it nurse.

"Calf Claim" has been used on foals and lambs, but is most successful with beef and dairy calves born under stress to first time mothers. When used routinely on calves that need pulled, it helps the cow or heifer to start licking. The product works best if the dam and baby are penned in a small area, about 10x15 feet, and sprinkle some "Calf Claim" then rub into its hair. It also helps to dampen the calf's back to make it stick.

"Calf Claim" is bottled in five-ounce plastic containers and distributed for sale by veterinarians and veterinary suppliers across the United States and Canada. It sells for around \$12 a bottle and is good for up to 10-12 calf situations. Demand is heaviest in the spring, although it has found favor with Western-fall calving herds.

This spring, there's even more of an incentive than usual to do everything possible to save newborns. Each fresh, young bovine face emerging on the scene represents a pretty valuable addition. The market for young calves is hot, and perhaps has never been hotter. It's a good time to take precaution and care. So having something that prevents calf abandonment is essential. "Calf Claim" is an answer to an old problem. Order "Calf Claim" today from your veterinary distributor. You may phone (641) 464-2202 or Fax: (641) 464-2254 for more information.

### History

Through the years, we at the Mt. Ayr Veterinary Clinic have manufactured and distributed a flavored powdered product "Calf Claim"™. "Calf Claim" is a bonding agent that is sprinkled on and rubbed into the hair of a newborn calf. The aromatic scent from the product attracts and entices the cow to lick and clean the calf stimulating bonding. It is highly successful in cattle and horses and somewhat successful in sheep and swine.

We are very proud of the article written about "Calf Claim" and the many letters received from people telling of their use of the product. However, nobody has ever asked about its history. "Calf Claim" is a formulation of a product worked up by Joe Graham, D.V.M. of Milo, Iowa. Dr. Graham has been practicing veterinary medicine since the 1940's and compounded his product one dose at a time, as there was a need for it.

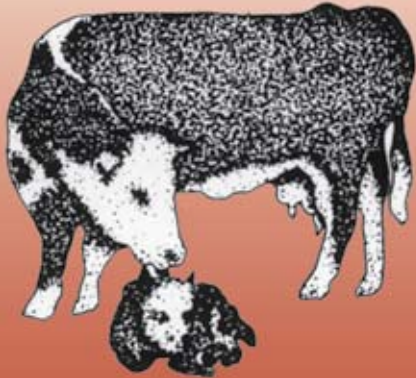
After a tour of duty with the U.S. Army, I joined my classmate, Dr. Max Mekus in a general veterinary practice in Mt. Ayr, Iowa. Shortly after starting practice, Dr. Mekus introduced me to the mixture that his Uncle Dr. Graham had compounded and I was impressed with all the success that local cattlemen were having using the product. Many were repeat customers stopping by the clinic asking for one or more doses of our calf claimer, as they called it.

Out of necessity, we formulated a new process of compounding to batch produce the calf claimer to meet the demand. At this time, it became a permanent part of our O.B. grips. After a successful delivery of a newborn the question of "What are you doing Doc?" soon changed to "Did you put Calf Claimer on Doc?"

In 1978, we trademarked the name "Calf Claim" and started to market our product thru some of the smaller veterinary product distributors that called upon us. The rest is history, and we now have distribution in the United States and Canada. About the only advertising of the product has been its success. "Calf Claim" has actually sold itself. In 2003, our formulation was changed a little. We have removed the animal by products as the carrier and changed to a vegetable carrier. This change was prompted because of the fear of mad cow disease. John L. Peters, D.V.M. 🐾

# CALF CLAIM™

An Aid In Pairing New Born Calves With Cows



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# J & B LOWLINES

## Lowlines Look to the Future

Ever since Lowlines were introduced to this country back in the 1990's, commercial cattle ranchers have been quick to disregard them, or worse, label them as a 'hobby breed'. Although this is still the prevailing attitude, we believe that the first winds of change may be starting to blow. The beef industry appears to be in for some major changes in the coming years and it's beginning to look like Lowlines will be riding the crest of that change.



For years, the American cattle industry has worked towards producing bigger, heavier animals and they've succeeded. But the beef industry is facing some major obstacles to continuing or even maintaining this trend. The American consumer is actually starting to ask for smaller, healthier cuts of beef. Some processors are actually starting to charge a penalty for overweight carcasses. Lowlines are perfect for satisfying this demand; they are at least 1/3 smaller than the usual commercial cow. Lowlines also produce beef that is higher in Omega 3 fatty acids, another health benefit that many consumers are looking for.

With the continually skyrocketing price of fuel and fuel byproducts, every beef producer is going to have to take a good hard look at what it's costing them to get their cattle market ready. Grain costs are also rising, and with the stampede towards biofuels, these costs can only get higher. Again, Lowlines are ready to mitigate this problem; these animals are perfect for grass fed operations, they were designed to gain weight quickly and marble nicely on an exclusive grass diet cutting out the cost of grain and other supplements for finishing.

For those producers who are looking to downsize their animals, switch to grass

fed operations, and generally produce a more efficient animal, Lowlines are the answer. By using a Lowline bull on existing commercial cows, downsizing and more efficient forage conversion is assured. There's also the advantage of using a Lowline bull as a heifer bull; smaller calves mean fewer first time calving problems. If you're wondering if a bull who only stands 40 inches tall can get the job done, stop wondering –

most emphatically: yes he can, without a doubt. It's been working quite well in our operation.

Lowlines can no longer be written off as cute little edible lawnmowers for hobby farmers, not that they ever should have been. These are hardy, easy keeping beef cattle in a smaller, more docile, efficient package. Lowlines are looking more and more like the shape of things to come in the cattle industry. ☞

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