

# *Western Farm, Ranch & Dairy*

The vital resource of the Ag Industry | West-Southwest | fall-winter edition 2017

**RadiCoat Seed  
Treatment:  
A Radicle Approach  
to Supersizing Seed  
Germination**

**Don's Irrigation LLC  
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**The Mighty Giant Line  
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**Excellence in  
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West/Southwest • fall-winter edition 2017



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Front cover photo courtesy of Mil-Stak Inc.

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a Ritz Family Publication

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Printed By Owyhee Publishing, Homedale, ID

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## STOR-LOC Modular Drawer System

**S**tor-Loc®, a leader in US manufacturing of modular metal cabinets, announces it's latest addition to an already extensive model line... the MM50®.

This seven bank Mobile Tool Crib incorporates 50 drawers and a 14 feet work surface in one cabinet. Increasing efficiency and effectiveness, Stor-Loc®'s MM50® brings a new level of flexibility and mobility to any shop, providing protection and security for tools and components, increasing workplace safety and reducing loss of time and materials. Designed for standard shop tools, the MM50 helps centralize all shop tools into one location.

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MM50 can be moved at any time for cleaning and is easily relocated within your shop.

Guaranteed for 55 Years. 100% Made in the USA in Every Way. 

## Sunny D Mfg., Co. Inc – *The Oregon Roadrunner*

**T**he Oregon Roadrunner, manufactured by Sunny D Manufacturing Company, Inc., is the all purpose machine when it comes to loading and unloading blocks of hay, everything from a stack of bales in the field to a six-pack of 3x4 bales. What used to take several people hours to buck the hay, whether loading trucks, unloading trucks, or moving the hay from one truck to another, now takes one person just minutes to accomplish. There is no other machine that can match it.



### Humble Beginnings

In 1971, Art Davina – then a rancher in Bonanza Oregon – saw the need, designed and built the first Oregon Roadrunner.

That machine is still being used today.

While struggling through the hard times, redesigning to incorporate new ideas and improving on old ones, and building a strong customer base one customer at a time, Art managed to build his back-yard business to a point where he was able to open his first shop. By 1985 the business was large enough that he began the process of incorporating it. Later, needing more space to meet customer demand, he bought a larger property, and moved the business to its current location in Klamath Falls.

When health problems forced Art to take a step back and de-stress his life, he wanted to find the perfect person to take the reins. Ed Majors took over as GM in 1998 and in 2003, began the process of buying the company from Art. Today, Ed officially owns it.

### Sunny D Today

From those humble beginnings in 1971 to the 21st century, Sunny D Manufacturing Company Inc. has grown to a business totaling 15 employees. Welders, fabricators, mechanics, a painter, and various support personnel create from bare metal the machine that called “The Oregon Roadrunner.” What used to be only available in white with your choice of stripe, a customer can now choose their color and design. For more information, call 1-541-884-2361, or write 4343 Highway 39, Klamath Falls, OR 97603. 

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# Stukenholtz Laboratory Inc.

## Celebrating 47 Years of Agricultural Testing

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 20 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. Consulting agronomists include

J.P. Kruckeberg of American Falls, a 38 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.



Analysis room at Stukenholtz Laboratory Inc.

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 46 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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# RadiCoat Seed Treatment: A Radicle Approach to Supersizing Seed Germination

The radicle is the first part of the embryonic seed, the initial root growth, and has a substantial amount of production potential riding on its fate. But what do we need before the radicle can begin growing and absorbing nutrients for the plant to be? Germination. There are many factors that may have an effect on the germination of a plant and many companies spend a great deal of time and resources trying to figure it out. The major question is, will the seed have the resources it needs to germinate and flourish, or will it wither?



By introducing RadiCoat, we have answered this question. RadiCoat delivers several components directly to the surface of the seed waiting to build the ideal micro-environment when the radicle emerges. Imagine, if you can, that every seed in the field has the micro nutrients, trace minerals, organic acids, and beneficial microbes and fungi necessary to build a protective and nutritive microbiome. It would be an industry changer — and it is. It is no longer necessary to apply all nutrients in-furrow and hope that they still exist in an available form when the plant is ready to use them. How much more efficient can you get?

RadiCoat is a seed-coating polymer, but nothing like the majority of industry standard polymers. There are two types of polymers: natural and synthetic. Synthetic polymers make products like polystyrene, nylon, acrylic, polyethylene, polyester, and epoxy. They are typically not biodegradable or sympathetic to the environment, and use chemical solvents and wetting agents for manufacturing and/or forming films.

Natural polymers are made from raw materials found in

nature and their uses are driven by a growing demand with mostly pharmaceutical and medical applications. RadiCoat Seed Treatment uses natural organic polymers formulated for growing vigorous plants compatible for use in agricultural soils from where they originated.



Panoramic view of treated vs untreated Treated on left – Untreated on right

Natural polymers are biodegradable with a direct nutritional benefit when combined in microbial populations, and can be used as a seed coating system for actually delivering microbes and nutrients to the exterior on all types of seeds. It has been proven that the best opportunities for successful microbe and seed germinations are created from placing the microbes “on the seed” along with nutrients. This also increases the overall efficacy for performance of the seed as opposed to treating soil proximities.

RadiCoat has been applied to all small grains, cotton, and high-value crops like potatoes and sugar beets. Many different application systems were tested to ensure that a producer with nothing more than a pump-up sprayer and a cement mixer can accurately apply RadiCoat. The ease of use and inclusion into almost any program are factors that make RadiCoat so valuable.

In one of our outstanding field trials coordinated through our distributor, Rocky Mountain Agronomics, RadiCoat Seed Treatment was applied to potato seed pieces through a liquid applicator system at standard rate. The RadiCoat treated half of the field emerged five days sooner than the control and total emergence was contained to a window of just 48 hours. Treated plants were more uniform and robust than the control. The RadiCoat treated portion of the field yielded more sacks per acre, and 71% of the treated yield was 10 oz. and above compared to the control where only 52% were 10 oz. and above. Such a large return for so small an investment, RadiCoat is a true economizer for your production system.

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# FARM FOR UNDER 3%!

**B**argain interest rates may be the optimistic news for farmers this year, as both long and short term rates remain at historic lows. But while many lenders cling to old Prime Plus formulas for establishing loan rates, others prove they can do better.

“Farmers can borrow substantially under 3%, and close to half of what Prime plus 1% formulas are,” according to AGRIfinancial Services, a nationwide lender focusing exclusively on farm lending. Headquartered in Louisville, KY, the company provides an alterna-

tive way to borrowing for operating needs, as well as long term fixed rate mortgages.

“It’s like a home equity loan, but for farmers,” they say. AGRIfinancial Services works with California and western producers in all lines of the industry. Instead of crops or machinery for collateral, farmers use their real estate to back the loan. The resulting benefits pay off with customers.

Not only is the loan rate very low, but the product also offers a 10-year commitment where producers do not have to come in every year, or 3 years

to renew the line. Additionally, the loan can be used for farm and business needs – not strictly operating expenses. The loan is priced based on a variable, LIBOR-indexed rate, but farmers can also choose to lock pieces of their debt to a fixed rate if they desire, he explained. All is done inside the loan, without the need for refinancing.

It’s quite an amazing loan product and an example of what nontraditional lenders like AFS have been bringing to the market. The company is owned by CGB Enterprises, a major buyer and shipper of farm commodities. 

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### Peanut farmers rejoice!

Ubly Peanut Digger Blade Manufacturing, Inc., a subsidiary of Ubly Bean Knife Mfg., Inc., received a patent for the Ubly Lifting Fingers, stainless steel lifting fingers that are flat and curved upward to better guide peanuts up on to

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Used with their patented Ubly Digger blades, which have a thin, hard-faced edge to stay sharp and always cut the tap root, the lifting fingers and the smaller diameter Ubly 6-inch Bottom Elevator Idler Wheels raise the peanuts without turbulence and in a smooth, uniform ribbon to the top of the elevator.

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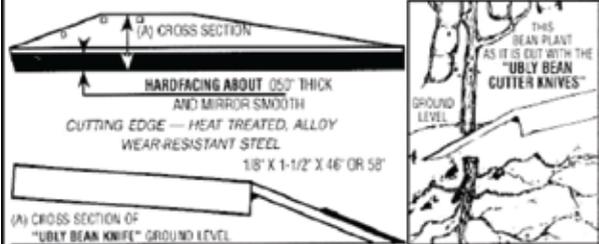


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Often imitated, innovation begins at Jones Manufacturing! Jones Manufacturing was the first with a hydraulic opening tub (we built our first unit in 1960), the first with an electronic governor, and the first with a hydrafork. From the single discharge auger, to the rubber lagged top-drive elevator no other grinder has the features, capacity and durability of the Jones Mighty Giant.

New products and new features can sometimes lead to new problems. At Jones Manufacturing, we maintain a relationship with local operators to be sure that all features and designs are field-tested in the same environment our customers face. This same relationship gives us important feedback so that new designs and innovations are the result of experience, not marketing hype.

All Jones Mighty Giant Hay and Wood Grinders are of commercial, heavy-duty quality, designed for the high capacity grinding at a low cost per ton. With a Mighty Giant, you not only get a host of operator friendly features, but also the security of years of durability. We're not the first tub grinder company in the world, but we're confident that we are the last one you'll need.

For more information on the Mighty Giant Line by Jones Manufacturing Co., please visit us online at [www.mightygiant.com](http://www.mightygiant.com), or call us at 402-528-3861. If you're in the neighborhood, stop in and visit us at 1486 12th Road, Beemer, NE 68716.

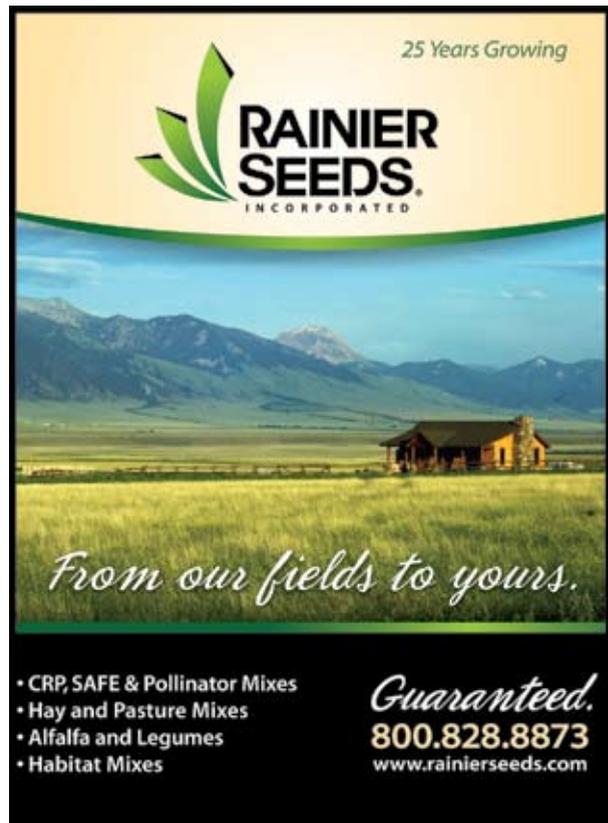
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# equipment



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The first and only technology of its kind, Mud Hog hydraulic rear-wheel drive systems are engineered to provide your front-wheel drive combines, cotton pickers and more with uncompromising four-wheel drive capability for increased agricultural production.

Being a major OEM Supplier with more than 100 models, Mud Hog has a custom solution for whatever you drive. Whether it's a Challenger, John Deere, Case, Gleaner, Massey Ferguson, New Holland or just about any other brand.

Thousands of equipment dealers throughout North America can install your Mud Hog rear-wheel drive system in 48 hours or less. What's more, every Mud Hog comes backed by a comprehensive warranty and a dedicated customer service team ready to go to work for you.



You probably already know that Mud Hog hydraulic rear-wheel drive systems power your equipment through wet, muddy soil conditions unlike anything else. But you might not be familiar with the many additional benefits a Mud Hog delivers in all climates – wet or dry – allowing you to:

- Harvest faster, with more speed and traction in any weather
- Enjoy increased fuel efficiency
- Reduce soil compaction and maximize crop yields
- Extend the life of your engine by helping it run cooler
- Put less strain on your hydraulic system
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- Access additional torque for steep grades
- Decrease wear on your front tires
- Minimize field tracks and ruts
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It provides not just the ability to power through wet, muddy conditions but also:

- Faster harvest, with more speed and traction in any weather
- Increased fuel efficiency
- Reduces soil compaction and maximizes yields
- Improves steering and handling, especially when your combine is equipped with tracks
- Additional torque for steep grades
- Supplier for OEM RWD Systems

# Look Ma – No Wires!

## Wireless Grain

## Temperature Monitoring

**T**echnology abounds in agriculture today – variable rate fertilizer applications, auto steering, precision planting, GPS spraying and harvesting to name a few. Managing your stored grain now offers some exciting new technology as well.

A producer can monitor stored grain without leaving the house or from any location that has Internet service. Tri-States Grain Conditioning, Inc., headquartered in Spirit Lake, Iowa, now offers two wireless systems that can make monitoring stored grain easier and faster than getting that second cup of coffee. Using TSGC temperature cables to give a complete temperature profile of their bins, producers will be able to monitor their grain more efficiently and with greater accuracy than ever before.

The SafeTrack Wireless Grain Temperature Monitoring System can be programmed to automatically take temperatures and save them for later viewing. Grain depth, approximate bushels and automated exhaust fan operation functions

are also available. Grain temperature history reports are also available to be printed out. Each individual bin can be set to specialized temperature parameters to accommodate various crops. Instead of taking **2 to 3** hours for a large operation, reading temperatures can now be done in **minutes!**

This wireless system utilizes line of sight (up to 1 mile) radio communication between the bins and the base transmitter to monitor temperatures from TSGC temperature cables (as well as grain depth). It requires power at the transmitter location on the bin, and may be run either manually or automatically, locally or over the network/Internet, for anytime, anywhere monitoring.

Another option is the GrainTRAC remote bin monitoring system. This system utilizes a cell phone modem to transfer data from the TSGC temperature cables to an internet website, [www.wagnet.net](http://www.wagnet.net). The producer is given a user name and a password to ensure privacy. Once logged onto the website, the producer can view a graphical display of his temperatures or a numerical display. Temperature parameters (minimum and maximum) can be set for each bin, as well as rate of rise temperature over a designated time period. Temperature history reports are available for print out. Options include remote fan start/stop and a weather station with features such as temperature, relative humidity, wind speed and rain measurement. Alerts are sent via email or text message.

The requirements for the GrainTRAC system include temperature cables, cell phone coverage at the bin site and electrical power. An annual access fee to the internet website is charged (a low per year minimum). Convenience is the selling point of this system because a producer can monitor his grain temperatures from anywhere via the Internet.

Either of these wireless systems will save you time and money, while providing peace of mind about the true condition of your grain. Knowing your grain temperatures, while watching for changes, is the only safe way to monitor the condition of your grain.

TSGC, Inc. is one of the largest suppliers of grain temperature monitoring equipment in the world. Headquartered in America's Heartland, our administration, fabricating, sales and service divisions are located in Spirit Lake, Iowa. We have an extensive network of contractors representing our products and services nationwide and in over forty countries. **TSGC, Inc. is dedicated to serving you.** For more information or a free, no obligation quote, contact Tri-States Grain Conditioning, Inc. at 800.438.8367, [TSGC@TSGCinc.com](mailto:TSGC@TSGCinc.com) or [www.TSGCinc.com](http://www.TSGCinc.com)

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# Walinga Bulk Feed Bodies & Grain-Vacs

From concept, design and through production, Walinga meets the customer's needs at every step. Creating outstanding products that are innovative and durable, with some client's vehicles being passed from generation to generation.

Walinga is a leading North American manufacturer of transportation equipment and portable pneumatic conveying systems for grain, feed, seed... virtually any dry bulk material. Walinga is still a family owned and operated company. The total commitment to quality is not only our inheritance - it's our foundation for the future.

Walinga products represent the best in manufacturing excellence. Our in-house engineering and design teams utilize the most current computer technology available. State of the art equipment, combined with over 60 years of experience, ensures that our customers receive unsurpassed quality.

Comprehensive engineering capabilities allow us to offer sizes, capacities, features and options that are specifically job-matched according to individual requirements. The services of our Engineering Department are available to our customers to assist in the selection of the properly specified chassis. Every Walinga vehicle is designed and produced to best fulfill its designated function.

Custom-built aluminum feed bodies and trailers, pneumatic conveying systems, recycling trucks and bodies, aluminum and steel

dump bodies... each built according to exact standards. Every stage of the manufacturing process from design to completion is performed by Walinga. The result - a cost effective, durable product line that responds to any challenge with premium.

## Walinga Agri-Vac

The only system you'll ever need. Gives one-person total grain-handling capability! Do it all with the Walinga Agri-Vac. Fill or empty storage facility being used. The Walinga Agri-Vac puts an end to legs, augers, sweeps and shovels. Grain handling has never been simpler, safer or healthier.

Just couple the Agri-Vac to your tractor and drive into position. Lightweight vacuum/pressure hoses attach in seconds and flex easily. Suddenly even tight spots and awkward angles are no problem!

## Bulk Feed Trailers and Bodies

Walinga Inc. has been manufacturing bulk feed transportation equipment for more than 60 years. In this time we have become committed to an ongoing program of research and development. In response to the increasingly diverse needs of our customers Walinga is and will continue to be on the forefront of technological evolution.

The options and features of the Walinga Bulk Feed Delivery Units are numerous. Walinga Bulk Feed Delivery Units can help you in your quest to increase production, performance, and efficiency.

66



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# livestock



Photo courtesy of USDA NRCS.

## **Blood-Based Pregnancy Checks- BioPRYN Your Herd!**

Over thirty years ago Dr. Garth Sasser was a professor of Animal Science at the University of Idaho. In his research he discovered a pregnancy specific protein in the maternal bloodstream of ruminant animals that is only elevated when that animal is pregnant. He developed a test called BioPRYN (Pregnant-Ruminant-Yes-No) that measures the concentration of this protein in blood and can provide an extremely accurate determination of pregnancy status in cattle, goats, sheep, bison and other ruminant animals very early in gestation (28 days post breeding).

A growing number of dairy and beef producers and their veterinarians are utilizing blood-based pregnancy testing in unique ways to complement traditional pregnancy detection methods and because BioPRYN is a proven, convenient, accurate and cost-effective way to check your animals for pregnancy that eliminates subjectivity. Some progressive producers that are using embryo transfer or synchronization protocols with artificial insemination will use BioPRYN as an early "open check" at 28 days post breeding to identify if the animal needs to be reintroduced to the synchronization program. Other producers and their veterinarians will use a BioPRYN check to supplement monthly or biweekly herd health checks to identify those open cows as early as possible and to avoid the entire herd being locked up for extended amounts of time on pregnancy-check day. BioPRYN is also a useful tool for a reconfirmation pregnancy check later in gestation to identify the small percentage of cows that will experience embryonic loss and not carry to term.

The process consists of drawing a small blood sample, usually from the tail vein, and delivering or sending samples to one of the 45 BioPRYN Affiliate Labs that have been trained and certified to provide consistent and accurate results so that you can trust the results and manage your animals accordingly.

For blood collection supplies and more information about BioPRYN and the BioPRYN Affiliate Lab network please visit [bioprjn.com](http://bioprjn.com) or call 208.882.9736. 📞



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# “Catcher” Makes Calf Work Easier

If you own an ATV or UTV and have cattle, Dan Leo has an attachment to make working with young calves safer and easier.

“Safety is the number one goal of our durably built and user-friendly catchers,” says Leo, president of Safety Zone Calf Catchers. “The traditional way to tag and process calves can be dangerous and often takes more than one person to do the job. With our calf catcher it’s easier on the producer, the cow and the calf. One person, who can operate an ATV or UTV, can safely work calves.”

The calf catcher is a durably constructed steel cage that mounts with ball hitches on the front and back. It works well in all types of terrains and conditions. With the front gate locked open, the driver approaches the calf and captures it in the cage by shutting the spring-loaded gate. The producer enters the pen through the open side by stepping from the ATV or UTV and moves the calf to the rear holding area where he can tag, vaccinate, weigh and even band the babies while protected from the mother

cow. When finished the producer releases the calf out the back to its mother.

“Traditionally, producers have to get to the calves early after birth otherwise it can be difficult to catch and even hang on to them, and then it can require two or more people depending on the protective behavior of the mother cow while the processing takes place,” Leo notes. “With our calf catcher unit, one person can catch calves, even if they are a week or older when they have plenty of run in them. Another benefit is the calf holder located at the back of the catcher. It not only secures the calf for processing, but works very well for pairing out, as the cow can see and smell her baby and will then easily follow to another pasture or calving barn in inclement weather. Cows will follow the calf virtually anywhere!”



One person can now easily and safely process calves with Leo’s Safety Zone Calf Catcher.

The ATV catchers sell for \$2,095 plus freight shipping. Catchers designed for UTVs are an additional \$450. Other options available include a waterproof, digital scale - especially beneficial to seedstock producers and a tow hitch that aids long distance moving.

The company sells directly to cattlemen but welcomes dealership inquiries.

“Built in both Nebraska and South Dakota plants, the calf catcher will last for generations. Sales have stretched across the U.S. with exports to Canada, Australia and France.” Leo adds.

To see it in action, check out the video on the company’s website.

Contact: Safety Zone Calf Catchers, LLC, 1146 7th Ave, Dannebrog, Neb. 68831 Phone: (877)505-0914; [www.safetyzonecalfcatchers.com](http://www.safetyzonecalfcatchers.com)

An advertisement for Blue River Waterers. It features a circular logo with a mountain and water scene, surrounded by the text "BLUE RIVER WATERERS". Below the logo are three blue plastic troughs and one stainless steel trough. The text "Stainless Steel or Concrete Troughs" is written below the troughs. At the bottom, there is a dark blue banner with white text: "FINALLY, A FULL LINE OF WATERERS THAT CAN BE CUSTOMIZED FOR YOUR UNIQUE NEEDS AND OPERATION." Below that, in a lighter blue banner, is the phone number "866-588-2211" and the website "www.blueriver-iecp.com".

**FINALLY, A FULL LINE OF WATERERS THAT CAN BE CUSTOMIZED FOR YOUR UNIQUE NEEDS AND OPERATION.**

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**Jim Strand, CA** - "We really like our catcher extremely well. It will cover any type of ground, and I especially like the wide, front gate as it makes it very easy to catch the older calves. The calf holder platform is a really good feature. Bottom-line, we are very satisfied with it and really like how it works!"

**Cody Lee, MT** - "We have concluded that buying the calf catcher was the best use of money that we have made in the last twenty years. It was a huge time and labor saver, and simply made calving a much easier task. It is a very well made piece of equipment, and handled all of my concerns with rough terrain and ditches with flying colors."

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# SweetPro Feeds of Walhalla, ND

**S**weetPro Feeds of Walhalla, ND produces Vitamin, Mineral and Digestive Aid supplements for livestock and has pioneered the use of Distillers Grains (DDGS) on rangeland.

Dried Distillers Grains (from ethanol production) as a carrier for supplementation provides significant benefits to the Rancher, the Feeder, the Consumer and the Land itself.



Although used in feedlot and dairy settings, until SweetPro's patented non-molasses DDG block became available for rangeland applications, the benefits of feeding Distillers Grains were unavailable to these non-bunk fed livestock.

Historically many small farmers steeped barley before feeding it to their animals. While this practice faded due to various

influences such as economies of scale, elements relating to this fermentation of grain have been refined by SweetPro Feeds. SweetPro has overcome the historic mechanical limitations and taken the science to new levels with stabilization for open range feeding, organic complexed trace minerals, four classes of viable digestive enzymes and prebiotics to deliver maximum performance potential. Feed efficiency is improved by 25%.

Additionally, a blend of cereal grains (wheat, oats, and barley malt) plus flax are used in the proprietary fermented blend additive, "ProBiotein." This assures that the most complementary amino acid profile is available.

SweetPro complements a forage based diet by NOT using starch or sugar (which can create a rumen Negative Associative Effect) as the main ingredient.

SweetPro blocks also produce a unique dynamic which both influences the total protein and the type of protein available to the animal. Total protein is improved, not just from the protein in the supplement, but also from the rumen microbes (single cell protein). SweetPro blocks contain three classes of prebiotics to feed and keep robust these rumen microbial populations. The better the microbials perform, the more single-cell protein is available to the cow when the microbe's short life-cycle ends.

The other protein dynamic in SweetPro is high bypass protein. This is protein not used in the rumen but available directly by the animal. This is most important during the two key times when the cow's protein demands are greatest, late stage pregnancy and peak milking demand.

When these protein and fiber oriented energy benefits are combined with SweetPro's strong vitamin and mineral package, ranchers have a solid tool to help reclaim the losses they'd otherwise absorb when forage is poor. Even poor quality forages can be fully utilized with pastures stretched or more animals run on the same ground.

SweetPro benefits the Rancher by improving feed efficiency 25% while promoting better herd health and fertility. Heavier "growthy" calves can be expected at weaning along with labor and fuel savings (blocks are only placed out every 10 days). It also benefits the producer by providing new options for grass finishing and putting more "Pounds on Pasture" per day than older means of vitamin and mineral supplementation.

SweetPro products also help the Feeder by allowing them to bring in healthier and heavier calves. These calves need only half the time to finish as in years past. With 25% improved feed efficiency, 400 to 800 pounds less corn is needed in the finishing process.

The Consumer benefits through a healthier meat that has much better mineral deposition and a better taste. The Land itself also gains advantages. With 25% improved feed efficiency, stress on pastures is reduced while the more efficient digestion allows for an even spread of softer stools that are much easier for dung beetles to work into the soils. Soil fertility is increased markedly over only a few years time.

SweetPro Feeds' combination of a healthy and cost-efficient vitamin and mineral delivery system along with a 25% improvement in forage feed efficiency has impacted ranching, feeding and the nation positively. [www.sweetpro.com](http://www.sweetpro.com)

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# PBI Parlor Systems Leading the Way in the Dairy Industry

Operating from their office in Portales, New Mexico, PBI Parlor Systems is a leading manufacturer of milking stalls and equipment for dairies around the world.

The owner, Steve Peacock, has a strong dairy business background, and an even stronger pride in his company's products. His commitment to improving dairy profits and delivering excellent customer service is unmistakable. And each of the company's employees shares his dedication.

Of course it all starts with an efficient stall design - their stalls are engineered to be the best solution for maintaining cow safety and dairy efficiency. In fact the company came into existence in the late 80's after designing a parallel stall at the request of a local dairyman.

His stall design was a winner! Good news travels fast, and word of this design spread quickly from person to person, which led to more parlor business.

Building on his design and engineering experience, the entire PBI crew continues to produce and install innovative parlor stalls all over the world. To ensure the quality of the final product, they control every stage of production. Dairies of all sizes, from small family-dairies to large mega-dairies have been fitted with PBI stalls.

Because PBI designs and builds the stalls, they are custom fitted to your unique requirements. They use heavy duty galvanized and stainless steels to provide a durable yet sleek stall with no rough edges to hurt cows and profits. Performance excellence is ensured

by their expert project installer and crew, which they make available for every installation. You will assuredly receive a quality, hassle-free installation, and on-going support.

Value is built into every PBI stall design. Low installation and maintenance costs make PBI stalls a valuable investment for dairies of all sizes. Plus their durable construction, smooth operation and labor saving design provide ongoing increased profits.

Innovation is what started PBI. Their stall designs are adaptable to suit the needs of dairies of all sizes, no matter the environment. They are compatible with all brands of milking equipment. And though innovation started PBI, service is what maintains and grows the company. PBI Parlor Systems takes pride in its continued commitment to meet and exceed their customers' needs. From the free quote they give you, through the completed installation, they maintain a hands-on approach that delivers unrivaled customer service.

But their customer support doesn't end with the sale. PBI's on-going personal contact with their clients and easy accessibility cater to meeting your needs now and later. They choose to maintain close relationships with their clients. Client feedback about stall performance is essential to PBI's commitment to developing and refining products that satisfy the needs of dairy farmers all over the globe.

For more information, call PBI Parlor Systems at 800-295-5677 or visit [www.PBIParlorSystems.com](http://www.PBIParlorSystems.com)



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The Elite Parallel Stall is our signature stall

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- This stall is offered on 26" centers for jersey cows only, 27" centers for mixed herds or holsteins, or 28" centers for holsteins.

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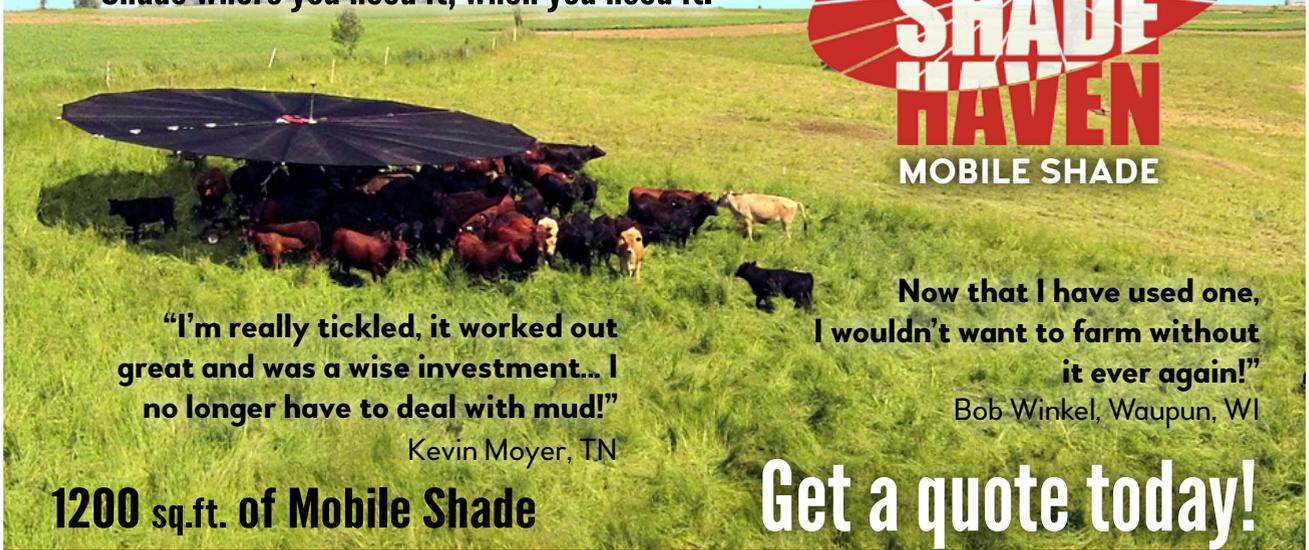
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