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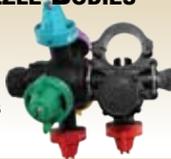


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Stukenholtz Laboratory Inc.

Celebrating 46 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. To improve their service, Joyce and Dale Stukenholtz expanded the laboratory 19 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 37 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 45 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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Agronomists: JP Kruckeberg, Bart Kunz, Cameron Brower, Antone Christensen, Wess Gibson

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Turn Stubble Into Dollars

Would you like to reclaim hundreds of dollars from this year's crop? Most producers would. By using Bio S.I. Technology's SD 25, Field Stubble Digester you can reinvest crop nutrients for bigger returns. Bio S.I. Technology's three-step program utilizes seed and soil inoculants to maximize the efficiency of the residues and nutrients left behind after harvest.



Bio S.I. SD 25 contains specifically selected soil borne bacteria that digest organic material and as a result is

converted to usable nutrients for plants. Other options producers are often faced with to manage residue are burning, which negatively effects the microbial communities, remove it from the field, or simply turn it under. None of these options are beneficial for nutrient cycling and building microbial diversity, not to mention carbon sequestration.



As the microbes in Bio S.I. SD 25 begin breaking down organic material it not only converts it into usable nutrients it removes the refuge where detrimental pathogens overwinter,

removes the massive nitrogen sink and begins building the humus or carbon fraction of the soil. Humus or soil carbon is the fraction of the soil that holds water and nutrients in the rhizosphere for future plant use. You will notice a change in your soil structure beginning with a reduction in crusting and aggregation of soil particles increasing natural tilth of the soil. Eventually, the natural earthy smell, attributed to glomalin, will return as proof of increased soil life.

Bio S.I. Technology products are all liquid so they easily incorporate into your production system. They can be used with a sprayer just as easily as they can in a pivot irrigation system. Bio S.I. SD 25 can be used over the top of growing plants, if the situation calls for it, with no detriment to the live plant. Contact your nearest distributor today to take advantage of the benefits of Bio S.I. SD 25 and convert your debris into dollars!



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Finally there is an easy-to-apply solution to address the crop stubble leftover after harvest in your fields. SD 25 helps recycle nutrients by utilizing all-natural soil-borne microbes to convert leftover plant debris from corn, wheat, beans, barley, cotton, rice, milo, beets, sugar cane, hops grasses and many other crops into valuable carbon (humus), which holds nutrients and water in the rhizosphere.

Benefits of Using SD 25:

- Improved nutrient recycling
- Improved disease resistance
- Reduction in fertilizer input and expenditure



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Miracles of Balanced Plant Nutrition

Rising Costs, Falling Commodity Prices and Reduced Availability of Farm Loans Demand Smarter Farming Practices With Higher and More Efficient Production Per Acre.

Noel Garcia, CCA Technical Director, Texas Plant & Soil Lab

Typically, most growers have post-harvest or early spring soil tests performed then apply pre-plant fertilizer based upon the recommendations of the soil report and assume that the one application will pretty much supply the crop's nutritional requirements for the remainder of the season with perhaps supplementing Nitrogen sometime mid-season.

There are several problems with this approach:

1. Much can happen to your fertilizer after it hits the ground to make it unavailable to the crop:

- A. Your native soil chemistry can rapidly tie-up fertilizer components into chemical compounds which the plant can't absorb.
- B. Irrigation water high in mineral salts not only changes your soil's chemistry and damages its structure, but it also neutralizes plant-absorbability of many fertilizers by changing their chemistries into plant-unavailable compounds. Water quality is really critical in spray mixes or fertigation.

"What's In Your Water Becomes Part Of Your Soil."TM

- C. Chemical interactions between the fertilizer components themselves can render them unavailable to the plant.
- D. Loss due to the weather – leaching due to heavy rain, high soil temperatures, etc.
- E. Volatilization of Nitrogen into the atmosphere – especially true when next year's N is applied in the Fall.

The pre-season soil test provides a starting point for determining what the soil needs to get the crop off to a good start. The soil may have several issues that need to be dealt with in a coordinated manner to ensure the critical early part of the growing season is managed for the best results. But after that...

2. Nutritional demands of many crops vary widely throughout the growing season. ***The wrong fertilizer in the wrong form applied in the wrong place in the wrong amounts at the wrong time is simply wasted – along with your money*** – often leach-

ing into nearby waterways.

But worse – your crop ends up being malnourished resulting in yields and quality often far below your crop's potential.

And even worse, crop malnourishment results in a stressed crop, making it vulnerable to diseases and insects (requiring insecticides and fungicides) – and requiring more water, making it more susceptible to drought and heat – and to hail damage and to cold (late frosts). "Nature always eats the weakest with bugs and disease." ***So, you end up spending a whole lot more to get a lot less.***

3. Popular soil testing methods used today (Mehlich III and others) by most labs extract nutrient compounds that are both plant-available and unavailable to be interpreted for subsequent recommendations to you.

(Sidebar: Reports on some soils often show Phosphorus, Potassium, Calcium or Magnesium as being consistently adequate or high, year-after-year. *How can that be?*)

Most of those soil nutrients that are not lost due to the weather are either absorbed by the crop or are converted to plant-unavailable compounds by native soil chemistry or chemical reactions between themselves. Calcareous soils, particularly, are very efficient in tying-up most nutrients, making them water-insoluble and not immediately available to the plant. Accordingly, these insoluble compounds can build up in the soil over time.

By including at least some of these plant-unavailable compounds in the laboratory analyses, the proportions of what is, and what is not, available to the plant cannot be measured with the popular extraction methods.

This means that the lab has to estimate (guess) what is actually available to your crop, based upon its experience with your soil and render fertilization recommendations often based upon crop nutrition standards published in the early 1950s.

Because interpreting the analysis numbers from the soil testing methods used by most labs is highly-dependent upon the many variations in soil types its clients may have, it is

not generally practical for the lab to attempt to calibrate lab numbers against actual plant uptake as can be done using an extraction method that duplicates the way plant roots take up nutrients in any soil.

And the problem with relying on 60+ year-old standards is that they do not reflect new varieties, new discoveries in plant nutrition and deteriorated soil quality (especially high soil salts, low organic matter content and collapsed structure).

All this explains why your soil test reports give you pretty much the same results and recommendations, year-after-year – even as your yields and quality stay flat or decline while your costs go up.

Balanced and Complete Plant Nutrition Goes Way Beyond N-P-K

About 18 elements have been identified so far as being necessary to plants – the number of which depends upon the plant. It has been only fairly recently that the importance of micronutrients (Iron, Copper, Zinc and Manganese) to plant health and quality started being promoted – and a few trace elements have been known for a while to be necessary for certain crops or their consumers. With ongoing research, discoveries are being made regularly about the importance of heretofore ignored trace elements – most recently, SILICON.

A few years back, Silicon was acknowledged as being “beneficial” to mostly small grains, as it helps prevent lodging by hardening cell walls. However, ongoing research reveals that the benefits to very many crops and

soils go far beyond that:

- Insects and disease are discouraged by hard cell walls.
- Research suggests that an extremely thin physical barrier forms on root hairs, thus discouraging nematodes and disease.
- Improves nutrient uptake.
- Improves drought resistance.
- Improves soil permeability.
- Many, many other benefits – and more to be discovered.

But there's more: A nutritionally-balanced crop is much better able to withstand stresses put upon it by adverse growing conditions (cold or hot, dark or bright, wet or dry, etc., weather). And – as we've experienced in the field, *maturation time can be shortened by as much as three weeks!*

When we encounter a field with disease or insect problems, the first thing we want to know about is the complete nutritional status of the crop, especially the secondary nutrients, micronutrients and trace elements – as these problems are typically only symptoms of plant stress brought on by nutritional imbalances.

But correcting nutritional problems alone won't necessarily fix a field already in distress – especially when there is disease or crop damage. Diseased or damaged plants require some intensive care.

A Lot More Than Just The Elements and Basic Chemistry

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to be an integral part of your season fertility program – but especially, **biological inoculants** because the populations and diversity of the native biology in many of today’s soils have been decimated.

Biology – both soil and plant – **does a lot:**

- Converts plant-unavailable soil nutrients into plant-available.
- Controls soil and plant pathogens.
- Conditions soil, regenerating structure.
- Helps remediate salty soil.
- Transforms raw organic matter into humus – a material with complex physical and nutritional qualities – and releases plant-available nutrients during the process. Good levels of humus are essential for thriving plants.
- And a whole lot more...

Sugars stimulate biological activity to reduce excessive vegetative growth of plants caused by excess Nitrogen.

Hormones and Organic Acids are essential components of accelerating plant development – and are especially effective when dealing with crop damage (due to hail, etc.) and to assist in establishing crops in inclement springs.

We see many times a year, that these other things, in addition to basic nutrition, can restore a hailed-out crop within two or three weeks and very rapidly (often, in one season) turn bad fields from disasters into successes!

Plant Tests

Plant tests provide you with “closed-loop feedback” about your crop’s nutritional condition – because you really don’t

know about how much of your expensive fertilizer has been absorbed by the crop and you don’t know what its immediate needs are for eventual end-of-season success.

Plant tests are actually tissue tests from leaves, petioles (leaf stems - plant sap) or the whole plant. What leaves/petioles are taken, the stage of growth, when they are taken and the crop nutritional standards used are critical as to how lab results are interpreted and reported. The primary difference between labs is in how the lab analyses are interpreted and the recommendations rendered.

Leaf or Petiole? Very generally speaking, leaves contain the historic nutrient content of the plant. Petioles contain the nutrients flowing (plant sap) within the plant as of the moment the sample was taken. With some crops, there are only leaves.

Many farmers act only after they see visual signs of crop nutritional problems in the field.

But the problem there is, by the time problems can be actually seen with the eye, *yields and quality have already been lost for the season.* The best that can be done by then is damage control – to hopefully prevent further loss. And “*Hidden Hunger*” is, by definition, invisible...

Plant analysis allows you to correct nutritional problems seven to 21 days *before* they can be seen in the field. Testing is done at specific stages of crop development, ranging from every week or two for fast-growing or high-value crops to two to five times a year for others. But it is critical that your lab reasonably knows what the nutrient content is supposed to be these days at the stage of growth when the

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samples are taken.

More To It Than Nitrogen

We have a number of clients who are interested only in plant Nitrogen content. Even though N-compound tests are cheap and certainly N is very important, from our perspective N-only tests are still a waste of money and effort, as there are so many more critical nutrients to be accounted for. Consider “von Liebig’s Law of the Minimum”.

Do Your Plant Test Reports Include Everything That Is Important To Your Crop?

We’ve already seen that there are a lot of nutrients required for proper and balanced plant nutrition – only a few of which have been mentioned here – much more than just N-P-K. Accordingly, for you to get a complete picture of your crop’s nutritional status, you need to know about the secondary nutrients, micronutrients and trace elements. Different crops have different nutritional needs and some crops have special nutritional requirements – especially for trace elements.

Does your lab include these in its reports? Does it have plant tests for your specific crop, including its special nutritional requirements? Does your lab have the capacity to interpret the data to provide you with good recommendations?

Crop Loss: Prevention and Cure –

Very often, crop loss due to late frosts can be avoided or minimized with a correct (and inexpensive) foliar spray applied even within hours of the expected event. Hailed-out crops can also often be quickly recovered with foliar sprays of

hormones, sugars, microbial inoculants, amino acids, micro-nutrients, trace elements and other things.

Comprehensive Plant Tests Are The Cornerstone...

...for maximizing your crop’s potential under the prevailing growing conditions and solving serious crop problems – especially when there are diseases and insects. Your lab should be able to provide you with recommendations for each stage of plant development for a successful season-long crop nutrition program. Providing your crop with balanced nutrition throughout the season is the biggest factor in field performance – and your bottom-line!

What To Take Away From This Article:

- If your lab’s soil reports and recommendations are pretty much the same, year-after-year, there’s something wrong, someplace.
- If you follow your lab’s plant test recommendations and things haven’t much improved, there’s something wrong, someplace.
- If your fields have disease or insect problems, there’s something wrong, someplace.
- If your yields and quality are flat, mediocre or are generally declining and you’re not doing very well, there’s something wrong, someplace.
- If the quality of your soil isn’t improving with each year, there’s something wrong, someplace.
- The Devil is always in the details – especially the smallest ones.



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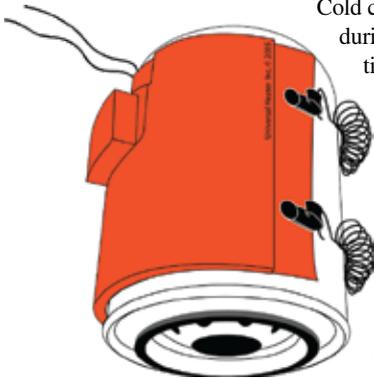
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Stop Filter Fuel Gelling In Cold Weather

ETIP, Inc. says to help prevent diesel/biodiesel fuel gelling in cold weather the Universal Fuel Filter Pre-heater mounts easily to the engine fuel filter. It is one of their extensive line of products for cold weather starting, Security, Safety and Maintenance. Some of the more popular products include the Personal Strobe Lights and Steering Controls for heavy trucks.



Cold conditions often affect fuel flow during start-up and in daily operations. When it is cold enough to cause gelling in the fuel over-the-road trucks, heavy machinery, automobiles, generators and other equipment that must operate in low temperatures can become disabled. The gelling plugs the filter preventing passage of the fuel. The only solution is to replace the filter or warm up the fuel until it flows again.

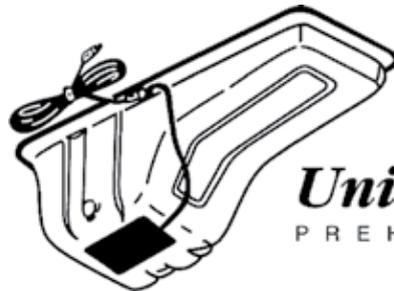
It sometimes requires towing the equipment to an inside location or bringing a heater to the equipment site. Fuel filters for bulk tank dispensing pumps can also

be affected. See our new Filter Heater for Bulk Fuel Tanks and Dispensing Pumps. The costs related to fuel gelling can become expensive in downtime and in repair cost.

The Universal Filter Preheater™ offers a simple solution. It is a thin, flexible, silicone/fiberglass heating pad that easily wraps around the metal filter housing to maintain full contact and to evenly transmit heat quickly through the metal of the filter housing helping to avoid the risk of fuel gelling. It converts the metal filter housing into the heating element. It is an electric blanket for the fuel filter housing. Springs and nylon ties hold it in place.

When it is time to change the filter element, the Universal Filter Preheater™ is easily released for transfer to the new filter housing. Fuel gelling and related problems are avoided.

Drawing 85 watts it is available in several voltages: direct current 12v & 24v, and alternating current 120v & 240v and a dual grid model combining the option of powering with direct current or alternating current in the same Universal Filter Preheater™. Measuring 4" X 7" it is designed to fit a diameter of 2.5" to 4" (circumference of 8" to 12"). See it on the website at <http://www.etipinc.com> under Maintenance. The Universal Filter Preheater™ carries a three year materials and workmanship warranty. A standard 12v Universal Filter Preheater™ is priced at \$138 each.



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E TIP represents and markets safety, security and maintenance products to a variety of customers throughout the US and the world. E TIP, Inc. has carefully assembled a family of related products available nowhere else.

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

The 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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FARM FOR UNDER 3%!

Bargain 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 alternative 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. 

Don’s Irrigation LLC

Friendly, reliable service since 1996

Don’s Irrigation LLC was founded 39 years ago by Donald Ford, and it provides the Magic Valley with high-quality irrigation products and services. We built our business with our number one focus being keeping the highest crop yield per dollar spent on your systems.



Our team has over 100 years of combined experience, specializing in all brands of pumps, pivots, ponds, PVCs, aluminum, mainline, and wheel lines. We also have one of the largest combined agricultural supply and equipment departments in the Magic Valley area, and our prices are unbeatable.

You can always rely on us to get the job done right. Our professionals provide expert farm irrigation services and quality irrigation parts. Call or visit us today for great deals! 

Pressurized Exhaust Kills Burrowing Rodents

The H & M Gopher Control PERC® system (Pressurized Exhaust Rodent Controller) uses carbon monoxide from pressurized engine exhaust to kill burrowing rodents such as gophers, ground squirrels, prairie dogs, moles & 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, claim the PERC® system involves a narrow steel wand that is used to probe the burrow and inject pressurized exhaust. The burrow is consumed with lethal concentrations of carbon monoxide. The rodent has no chance to escape or block the burrow.

An internal combustion engine generates the carbon monoxide and drives a compressor pump that pressurizes the exhaust gas to 110 psi in a storage tank. An air hose and a hand held probe inject the gas directly into the burrow without any digging.



PERC® Model 620

Brand new to the PERC® lineup is the PERC® 620, a trailer-mounted unit with a 20 hp Kohler motor and six reels. Each with a 50' hose and hand probe. The 620 features a tandem axle with turf tires. It sells for \$14900 plus S&H.

The PERC® 412 is a trailer-mounted unit with a 14 hp Kohler 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 \$8525 plus S&H.

The PERC® 206 is a skid-mounted unit with a 7 hp engine and two reels. Each with 50' hoses and hand probes. It sells for \$5425 plus S&H.

The PERC® 206T is a skid unit mounted on its own special trailer. It

sells for \$5850 plus S&H.

The PERC® system is simple to use and safe for the operator as well as wildlife since there is no poison bait or explosion involved. Crop stands are not damaged during treatment. No other control method is as effective, efficient, and as inexpensive to operate as the PERC®.

A PERC® system can treat moderately infested alfalfa fields at about 3.5 acres an hour with a single operator. Each probed location requires only about 2 to

3 minute injection times.

Units have been shipped to customers from Southern California to Central Canada, and as far east as Florida. Though most of the market has been with alfalfa growers, orchard and specialty crop growers have also purchased units. The PERC® system is the best solution anywhere burrowing rodents are a problem.

For more information call toll free (855) 667-5181 or visit the website www.hmgophercontrol.com

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equipment

Evergreen Implement Celebrates 50 years serving the farmers of the Columbia Basin.

Evergreen Implement has been serving the local community since 1966 and is still in its original location at 1415 South First Street in Othello, Washington. This year we are celebrating 50 years in business serving the farmers in the Basin.

We are a Medallion John Deere Dealer and are also the largest supplier of potato equipment and parts in the State of Washington. The company employs over 85 people in five locations: Othello, Moses Lake, Coulee City, and Ritzville (all John Deere stores) and Pasco (a potato equipment sales and parts store).

Roger Thieme is the president and owner. He graduated from the University of Idaho in the 1960's with a degree in engineering. Not quite seeing himself wearing a lab coat and working under bright lights, he returned to the

family farm for a short stint before hiring on with John Deere. He soon decided that he wanted to be on his own and started Evergreen Implement in



Othello, Washington in 1966. He later added Moses Lake in 1989 and opened the Coulee City and Ritzville stores in 2004. Evergreen officially entered the

potato equipment business in 2005 with one salesman. We now have 5 full time employees serving that industry.

Evergreen has seen the transition of company records migrate from card bins to sophisticated integrated computer systems over the course of years. These improvements are a requirement for today's customers, who need reliable equipment with minimal downtime. Even though the machines being used by farmers today are much more reliable than those used back in 1966, employees must have a strong working knowledge of all equipment. Evergreen makes sure that it has a trained staff and puts heavy emphasis on good on-the-job employee training and some formal JD Tech schooling through Walla Walla Community College.

The Dependable Partner

Evergreen implement has served production agriculture in the Columbia Basin since 1966. We share your pride in our region's transformation from sagebrush to highly productive farmland. Our employees set us apart. Their ability to adapt to change and willingness to assume personal responsibility makes our commitment to continuous improvement a reality. We apply leading edge technology and extensive capital investment to deliver parts and service that minimize your down time. Our service and parts fleet extends this assistance directly to your farming locations. Our professional sales staff has years of experience in the Basin. They will assist you in finding practical solutions to your ever-changing equipment needs. Evergreen Implement is your partner in meeting the challenges of modern agriculture. Together, we will work to maximize your production and minimize your costs. 

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Hundreds of hard edible bean farmers have been taking advantage of the Ubyl bean knife for over sixty years.

Attention bean, seed and organic farmers

While maintaining the highest standard of quality, Ubyl bean knives are still the best way to cut the tap roots and get a higher quality bean while producing fluffier windrows, reducing labor, reducing stones and dirt in windrows, and aiding in your combine's overall performance.

There has been some speculation about the acceptability of the direct harvest system due to the high losses of beans, therefore keep using the Ubyl Bean Knife for the best possible cut and quality for your money. Do what hundreds have already done. Make Ubyl Your Advant-EDGE.

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

Used with their patented Ubyl 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 Ubyl 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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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.

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Chandler Herefords

Chandler Herefords has been in the cattle business for well over a century. Six generations of great cattlemen have been involved in managing the operation.



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must “do more with less” especially in these times of ever increasing cost of production. Our mature cows consume grass or grass hay for nutritional input while raising powerful calves and maintaining the ability to get pregnant. Unlike many of our competitors, we know which of our animals are efficient because we are managed with this in mind. We are using several new and popular sires to enhance our gene pool and we can trace our cow family lines back for over a century. Our website: www.chandlerherefords.com highlights our program and the sires we are using in detail so feel free to visit and sign our guest book.

With all this past performance history from thousands of registered calves raised here, we know what our cattle are capable of. We have sold cattle to customers in nearly every state in the union. Their feed efficiency and fertility is really evident when they are asked to perform in less than ideal forage or environmental conditions. If you are looking for no compromise Hereford cattle with a history dating back for over a century then look no further. It is what we are all about. We have stood the test of time and we are here to stay. 

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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



PBI PARLOR SYSTEMS Elite Stalls

The Elite Parallel Stall is our signature stall

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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.



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

“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!”



A Cowman's Best Friend at Calving Time!



ATV and UTV Compatible!



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Easy and Safe Catching!



Safe Processing!

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.”

Craig Oceanek, WY

“Our catcher is AWESOME! We have lots of wild range cattle, and we calve on rough ground. It is very valuable for a one person outfit, and it is a tool that I would not be without.”

Designed for Processing Safety...

- Enables quick and safe calf catching!
- Convenient, step in access of producer!
- Holder secures calf for easy processing!
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- Reduces danger while working new calves!
- Quick Mount/Dismount on both ATV & UTVs!

ONE PERSON can now SAFELY and EASILY process calves without concern of the protective mother cow!

Watch action video at
www.SafetyZoneCalfCatchers.com

To order, call 877-505-0914 today!

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

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