

# *Western Farm, Ranch & Dairy Magazine*

The vital resource of the Ag Industry

West/Southwest • summer/fall edition 2014

Arizona / California / Idaho / Nevada / New Mexico / Oregon / Utah / Washington

**Push-button folding introduced with new  
LAFORGE Front 3-Point Hitch  
for JOHN DEERE 7R.**

**Art's Way Introduces  
Rear-Steer Land Grader**

**Bio S.I. Technology Helps Potato Farmers  
Rebuild, Restore, and Renew Profits**

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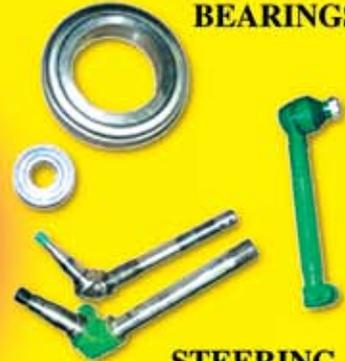
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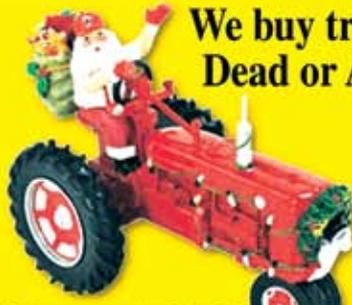


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**ON THE COVER**

Feeding cows at a dairy farm in California.  
Photo courtesy of USDA NRCS.

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West/Southwest • summer-fall edition 2014

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## What is SF Organics Fish Hydrolysate?

**S**F Organics is an organic liquid fish producer that currently manufactures four different products. The main product is the liquid fish hydrolysate which is a highly nutritional, protein-rich fertilizer founded on the old, native idea of throwing fish scraps on crops.

Schafer Fisheries, Inc. has taken the idea of “fish on crops” and perfected it through years of study, trial and error and occasional good luck.

The product is made by using the most important parts of the fish—meat, bone, oil (as nothing is removed after processing for human consumption—our product provides results as good as if not better than the leading chemical fertilizers.)

The process we use is “Hydrolysis” - this is the cold process of manipulating the amino acids and protein

compounds in the fish into simpler, plant-readily available nutrients and proteins. The process allows the fish to decompose faster while retaining the compounds necessary for growing healthy plants.

As we have come to realize, chemical fertilizers, which hold many advantages also holds one LARGE negative—the chemicals harm the environment and actually deplete the soil of the natural elements and beneficial bacteria organically found.

Many farmers have found throughout the years that their soil just isn’t standing the test of time—meaning what they’ve been doing hasn’t worked for the long-term.

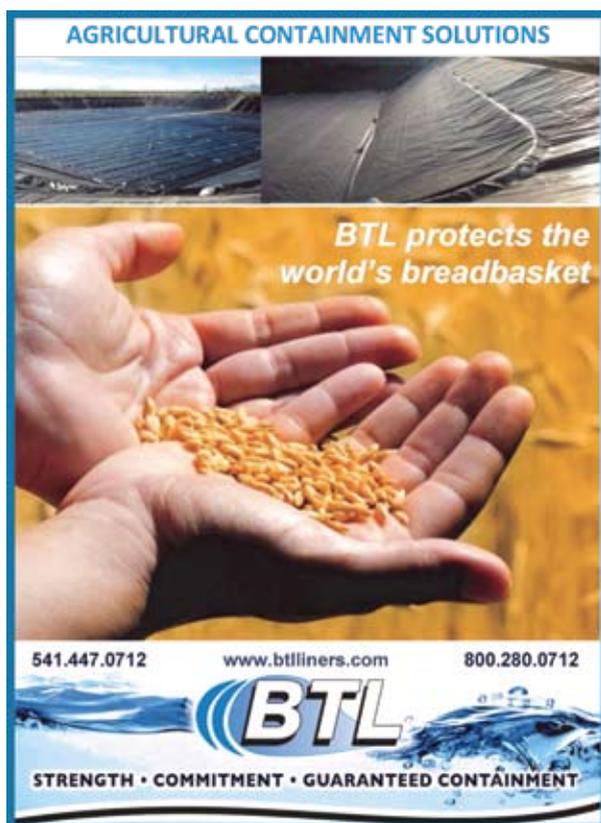
Our hydrolyzed fish products do the exact opposite of chemical fertilizers and additives. It does **zero** biological harm and actually **promotes** the growth

of bacteria, mycorrhizae and microbes in the soil.

Not only is fish an amazing source of nutrients for all manner of plants/crops but its also created from a renewable resource: Asian Carp (amongst other freshwater fish). We strive to protect the environment as well as ensure the sustainability of our eco-system.

Our products are manufactured from fresh fish daily and are stabilized using only high-grade sulfuric acid, phosphoric acid and lactic acid depending on the customers’ soil needs. It is then filtered twice through 230-mesh screens, ensuring the product won’t cause clogs.

Our products have been certified by OMRI for over 6 years. Our liquid fish is second to none and we stand behind it with a 100% guarantee. 



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# Evergreen Implement Expands its Potato Equipment Services

Evergreen Implement has served production agriculture, as a John Deere dealer, in the Columbia Basin (Eastern WA), since 1966. We share our customer's pride in our region's transformation from sagebrush to highly productive farmland with four stores located in Othello, Moses Lake, Coulee City and Ritzville. Additionally we carry the IMANTS spader, a one-pass cultivator, and the Krone BigPak baler, which produces the heaviest large square bales.



Eastern Washington produces the highest yield per acre of potatoes in the world, and 20 percent of all U.S. potatoes. Commercial growers plant more than 160,000 acres annually producing an average of 35 tones per acre, twice as much as the average yield in any other state. This is due to the abundant water provided by the Gran Coulee Dan, the long growing season, rich volcanic soil, and climate conditions.

We at Evergreen Implement saw the continued expansion of the potato industry and readied ourselves to become the leading potato equipment dealer in the State of Washington. In the late 1990's we were instrumental in working with Lockwood to develop the Airecup Planter. Since then we have grown our potato business to include Milestone, Harriston/Mayo and Spudnik/Grimme. We recently moved our Pasco, WA potato equipment warehouse into the former Spudnik facility and expanded our reach to Northeastern Oregon. We

have potato equipment specialists in sales, parts and service.

Because we are a John Deere dealership, we can also provide Precision Farming services for the potato equipment including Active Implement Steering, which causes the implement

steering mechanism and tractor to operate on the same guidance path in straight, circle and curve track modes. This helps in reducing the bruising of the potatoes during harvest.

Check out our website at [www.eiijd.com](http://www.eiijd.com) or call us at 800-572-0391.

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# Bio S.I. Technology Helps Potato Farmers Rebuild, Restore, and Renew Profits

As the world's fourth largest food crop, potatoes are a critical staple for the United States' agricultural industry. Representing diverse regions and climates, potato growers are faced with unique conditions and challenges which are specific to their own fields. While known for their resilience and robustness, potato crops have a fickle growing process that requires a high degree of attentiveness.



Potato growers face many obstacles during the growing season. Bio S.I. Technology produces microbial products that are used to help combat many of those obstacles. Disease suppression, nutrient availability, stubble digestion, and pest management are key areas these products can help with. Bio S.I. products do not eliminate these issues but they do a great deal to help reduce their effect on crops. We must start working with our soils to promote microbial life so that the soils will be able to produce healthy vigorous crops that make a profit.

Microbes are the key to helping remove the plant stubble from the previous crop. They digest this material and recycle the nutrients that you have already paid for and make them available to your next crop. They convert all this material into humus which is what holds water and nutrients in the soil. They provide the only way to rebuild the humus (carbon) in your fields. Pests are another area that microbes can help with. The microbes help the plant get the nutrients they need to be healthy and to increase the sugar content of the sap in the plant. Many sucking insects can't metabolize this increased sugar and will move on to the next

field reducing the need for pesticides in some cases.

Healthy root systems get plants off to a fast start. Bio S.I. Ag Formula and



Bio S.I. Select with Mycorrhizae (beneficial fungi) help the plant produce a tremendous root system which improves nutrient uptake. As the microbes align with the roots they not only feed the plant but also help protect the root system from fusarium, rhizoctonia, pythium, and other root diseases. They do this by competing for space and food in the rhizosphere because they work with the plant forming a symbiotic relationship that is beneficial to both. This activity helps to keep pathogens

away from the roots. You will be able to reduce the amount of fungicides over time as the microbial community is improved.

Another area that microbes are a tremendous benefit is in the nutrient arena. They process or metabolize nutrients and make them available to your crop. They help release nutrients that are tied up in the soil in forms unavailable to the plant. This activity helps the plant utilize nutrients they would not normally get in a timely fashion for growth and production.

Many growers have soil issues that plague the crop stand like crusting, poor water penetration, and hard compacted soil. Microbes help reduce crusting, open the soil so water can go into the soil versus running off, and also help to aerate the soil making it softer and easier to work. As the microbes rebuild the humus fraction of the soil you will see a reduction in irrigation needs and this is becoming a critical issue all over the country.

Products produced by Bio S.I. Technology are all natural, non-manure based, and are soil borne. They work naturally to help plants get the nutrients they need in exchange for sugars from the plant. So they work together to improve quality and vigor of the plant.

For more information see our web site: [www.biositechnology.com](http://www.biositechnology.com)

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# Push-button folding introduced with new LAFORGE Front 3-Point Hitch for JOHN DEERE 7R.

LAFORGE continues the commitment to meeting the diversified needs of customers for front 3-point hitch technology. The **GreenLink®** line of hitches for JOHN DEERE tractors is now expanded with the introduction of the heavy duty **HD6/7R PowerFold®** model for the standard 7R-Series tractors. The JOHN DEERE hitch-ready factory option is not required for this hitch.

The patented PowerFold® system, allowing the operator to fold and unfold the hitch from the cab, is standard on this hitch model. It's a unique feature not offered by any other front hitch manufacturer.

With 6 400 Kg (14 100 lb) lift capacity and the heavy-duty premium design criteria, this front hitch system is perfect for dozer blades and tillage equipment.

An extensive list of options include remote switches, hydraulic center



GreenLink®HD6/7R PowerFold® link, LAFORGE's full line of automatic control systems, including the patented DynaContour® as well as

FLEXIMASS® ballasting system and EASYMASS® weights.

**GreenLink HD6/7R PowerFold®** is available as an accessory to JOHN DEERE 7-Series tractors through their world-wide dealer network.

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## Egbers on Super Edge

“There just isn’t enough we can say about the Super Edge Auger Flighting” says Doug Egbers, owner of Egbers Flighting Company, Inc. The Super Edge is created in the rolling process. This is a cold rolling process so the steel is not heat treated. “This lets the steel retain its strength,” states Doug.

Because of how the flighting is made, the outside edge is thicker than your common market flighting, or “plain flighting,” as they call it. Super Edge Auger Flighting has an outside edge that is approximately 50% thicker. It gives longer wear and longer life of the auger.

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 repairs Egbers offers a wide assortment of replacement parts and tubing. They have your 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 different replacement parts from different sources can create a problem for our customers, and we can ship pretty much all the replacement parts a customer needs from here,” Doug says. “That way all your parts come from one location instead of several.”

A newer 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 Doug.

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

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# Art's Way Introduces Rear-Steer Land Grader

**W**ith a new Rear-Steer Land Grader from Art's Way, you can easily and economically maintain terraces and waterways, level ground, scrape out feedlots, rebuild ponds, grade roads, clean ditches, remove snow, maintain levees, level headlands, dig irrigation ditches, and push away trash and brush ...all with your tractor.



“We designed this new grader to tackle most any job around the farm,” said Brian Crouch, Director of Art's Way. “It has a short turning radius, the blade can be positioned easily, and the entire machine is built to last.”

**Precise control:** Choose a 9, 12, 14 or 16-foot blade to meet your specific needs. With 15-inch ground clearance and a 30-inch blade height you can do a lot of work quickly. The blade tilts up to 15 degrees for slope cuts, and with 43 degrees of angle the blade swings wide increasing working range.

**5-foot blade offset:** Using hydraulic cylinders operated from your tractor, you can position the blade up to 5 feet to the right or left. This makes it easy to maneuver around tight areas along fence lines, buildings, trees and other obstacles you might encounter. Steer clear of the slippery surfaces of drainage ditches, irrigation ponds and other waterways by offsetting your grader and keeping your tractor on safe, dry ground.

**Ruggedly constructed:** Manufactured with heat-treated, high-carbon steel, the cutting blade is built to last. It is reinforced on the back with industrial steel cross beams, and an angled reinforcement beam at the cutting edge keeps the cutting edge straight.

**In-sight guidance:** It's simple to monitor blade tilt by using the blade level indicator mounted within clear view. Monitor the direction of the grader equipped with alignment posts and keep your grader in proper position.

**Many standard features:** A standard rear weight box for additional weight provides effective grading and helps prevent side slip on aggressive cutting. A combination single/dual heavy-duty hitch with swivel allows blade tilt without putting

added pressure to your tongue. A storage parking jack comes standard. Drop down end caps provide the flexibility for open end or box end scraper options in one easy step. All cylinders and hoses are included.

About Art's Way: Based in Armstrong, IA, Art's Way manufactures and distributes farm machinery, including animal feed processing equipment, sugar beet defoliators and harvesters, land maintenance equipment, crop shredding equipment, round hay balers, plows, hay and forage equipment, manure spreaders, reels for combines and swathers, and top and bottom drive augers, as well as pressurized tanks and vessels, and modular animal confinement buildings and laboratories. After-market service parts are also an important part of the Company's business. The Company has three reporting segments agricultural products; pressurized tanks and vessels; and modular buildings. It has seven manufacturing facilities, which are located in Iowa, Ohio, and Ontario.

For more information about the new Rear-Steer Land Grader, contact your nearest Art's Way dealer at 712-864-3131, or visit the Art's Way website: [www.artsway-mfg.com](http://www.artsway-mfg.com)

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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 15 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 33 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 41 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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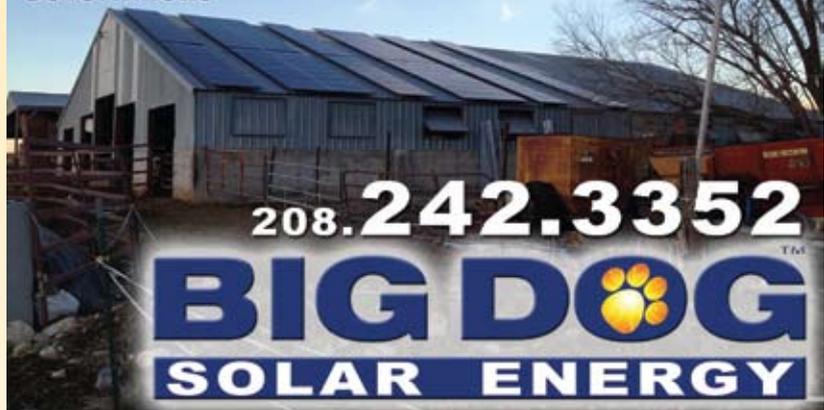
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Walinga products represent the best in manufacturing excellence. Our in-house engineering and design teams utilize the most current computer technology available. State of the art equipment,

combined with over 50 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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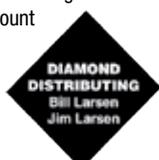
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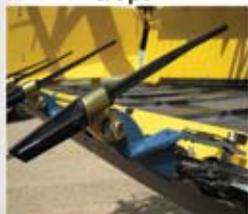
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## Corn Stalk Guide By Kaler Farms

“I don’t want to lose my corn” is the response Joel Kaler of Kaler Farms gives when asked if he has done a “test” study to see how much corn he is losing. “That would be the point...I don’t want to lose any, so I watched the problem and made the Corn Stalk Guide. It started just for my farming operation, but others wanted them so we started making them.”

The aftermarket attachment is placed on the snout above the front of the idler chain and sprocket to guide the corn to pass smoothly and to be grabbed more efficiently. The corn stalk is not being jerked, shook, or flung. The farmer now has his corn safely in the combine rather than on the ground. Plus, the Corn Stalk Guide is meant to be used in both standing corn and leaning corn....it helps move the stalks into rows more smoothly.

Kaler has also found that because of the material the Guides are made from, the poly snouts are not wearing as fast. “More money saved,” indicated Joel. In addition to those savings, it has also helped save the snouts from bending and cracking because it will add some strength. These American-made products are an added benefit to the agricultural world.

Kaler Farms will be attending several farm shows in the Corn Belt area this summer. The Kalers encourage you to stop and visit with them. If interested in the Corn Stalk Guide, contact Kaler Farms at [kalerfarms@gmail.com](mailto:kalerfarms@gmail.com) or visit their website, [www.kalerfarms.com](http://www.kalerfarms.com)

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**C**ustom made Hoppercover grain tank extension covers cover the grain tanks on all makes and models of combines. They allow farmers to leave their combines in the field overnight without fear of rain damaging the grain. They also eliminate time spent cleaning wet grain out of hoppers. They can be left on while thrashing to prevent grain from blowing out.



A brand new type of hoppercover system from Signature Cover allows the hopper to be either opened, or just partially opened.

"This hoppercover design simplifies the take-down and fold-away process," says Signature Cover owner Darryl Enns. "It's made from painted steel and consists of an arm that extends over the hopper. The covering is industry-standard 18-oz. pvc tarpaulin. It's opened by manually flipping itself onto itself, and then you re-bungee it down."

Compared to other hoppercover systems, this one is easier to fold away and open. Also, it has fewer parts and steel is stronger. There is a lot less bulky pieces than used on most combine extension cover systems.

The Hoppercover System is only for combines with dish-type extensions (both factory and aftermarket). The factory flip-up or screen extensions still use the aluminum bow system.

The new hoppercover sells for \$729.00-\$1249.00 depending on the combine extension model. Customers need to supply the year, make, model and type of extension they are using in their order.

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The Processor has a permanent sheeted adjustable alley to aid with working your livestock on site and in the field.

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*Rudi DeWinkle*

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