

# *Western Farm, Ranch & Dairy*

The vital resource of the Ag Industry

| West-Southwest

| fall-winter edition 2020

## **Walinga**

### **Bulk Feed Bodies & Grain-Vacs**

## **Sunny D Mfg., Co. Inc**

### **The Oregon Roadrunner**



## **Stukenholtz Laboratory Inc.**

### **Celebrating 50 Years of Agricultural Testing**



[www.FarmRanchDairy.com](http://www.FarmRanchDairy.com)



# HARDEST WORKER ON THE FARM.

**OUR 7816 DLX** provides you with maximum loading capability. With 12 feet of suction hose and a truck loading kit, it can easily move 5500 Bu/hr of corn or barley. At the heart of all this power is Walinga's SRT Sound Reduction Blower and our 2018 Super hardened airlock. The 7816 DLX comes with accessories. See [Walinga.com](http://Walinga.com) for complete details. Walinga has been building tough reliable equipment for over sixty years which is why farmers agree; for performance and durability, a Walinga Vac is tough to beat in the long run.



[WALINGA.COM](http://WALINGA.COM)

# WALINGA®

## TOUGH TO BEAT IN THE LONG RUN

### 1-800-466-1197



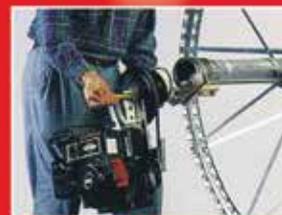
## HUNDEBIRD IRRIGATION OF IDAHO

Thunderbird Irrigation of Idaho is a manufacturer of the Thunderbird Wheelines that are sold throughout the country. Thunderbird Wheelines are known for their End-Drive Wheel-line System. Thunderbird Irrigation has moved from it's California facility to a newly expanded facility in Idaho and is operating under the name Thunderbird Irrigation of Idaho.

Thunderbird is a Lateral Wheeline, or basically irrigation pipes that move on wheels. It is powered by an End-Drive, versus a Center-Drive, system which requires only a gas powered engine on the end of the system. Low Labor, Low Operating Costs, and Low Maintenance make it one of the most cost effective systems for mechanized water delivery.



[www.thunderbirdirrigation.com](http://www.thunderbirdirrigation.com)



### Cost Effective Design Features

- End Drive System
- Multiple Transmission Units
- Self Leveling Sprinkler
- The Modular Advantage

98 Fort Hall Ave.  
American Falls, ID 83211  
208-226-7777  
Fax: 208-226-7713

# CLEANFIX

## REVERSIBLE FANS FOR RADIATOR CLEANING



Improved Air  
Conditioning



Increased  
Horsepower



Less  
Downtime



Toll Free 1-855-REV-FANS (1-855-738-3267) | Phone 519-275-2808 | [www.cleanfix.org](http://www.cleanfix.org)

# contents

## Western Farm, Ranch & Dairy

West/Southwest • fall-winter edition 2020

### Agriculture

Stukenholtz Laboratory Inc.

Celebrating 50 Years of Agricultural Testing .....	8
TPS Lab .....	9

### Equipment

Sunny D Mfg., Co. Inc – The Oregon Roadrunner .....	11
Walinga – Bulk Feed Bodies & Grain-Vacs .....	12
Meet the all-new Bale Baron 5250! .....	13

### Livestock

Beefmaster Heterosis Can Impact Any Herd .....	16
6th Generation Family Farm Still Lives On .....	17

### Departments

Advertiser Index .....	18
Marketplace.....	18

Front cover photo courtesy of USDA NRCS.

## Western Farm, Ranch & Dairy Magazine

a Ritz Family Publication

### President / CEO

Michael Ritz  
mikeritz@ritzfamilypublishing.com

### Executive V.P. Operations

Robert Davis  
rdavis@ritzfamilypublishing.com

### General Manager

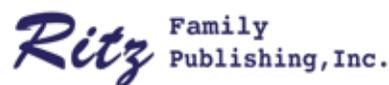
Brenda Stoner  
brenda@ritzfamilypublishing.com

### Office Manager

Adri Montgomery  
adri@ritzfamilypublishing.com

### Sales

Kevin Davis  
kevin@farmranchdairy.com  
Pat Drury  
pat@ritzfamilypublishing.com



### Corporate Office

Ritz Family Publishing, Inc.  
714 N Main St., Meridian, ID 83642  
www.ritzfamilypublishing.com

### Sales

For all sales inquiries, call toll free:  
1(800) 330-3482 or 1(208) 955-0124  
sales@ritzfamilypublishing.com

### Subscriptions

For a subscription or to change your existing address, call toll free:  
1(800) 330-3482 or 1(208) 955-0124  
info@ritzfamilypublishing.com

Printed By Owyhee Publishing, Homedale, ID

Copyright© 2020. All rights reserved.

Every effort has been made to ensure accuracy of this publication, however, the publisher does not assume responsibility for omissions or typographical errors.

The publisher does not assume responsibility or is liable for the contents of any advertising herein. Publisher's liability for errors in an advertisement is limited to a correct insertion in the next publication. In the event of a misprint, the publisher must be informed of such error prior to printing of the next publication.



**Best  
Western  
PLUS.**

**Spokane City Center**  
33 West Spokane Falls Blvd.  
Spokane, WA 99201  
509.623.9727



- Walking Distance to Riverfront Park, Restaurants, Shopping, IMAX, INB Theatre, and The Convention Center
- Complimentary HOT Breakfast
- Free Indoor Heated parking
- Fitness Room
- Complimentary Wireless Internet
- Conference Room
- Business Center
- Coin Operated Laundry
- Hot Tub Suites
- Fridge and Microwave Rooms

1.800.780.7234 | BestWestern.com

Each Best Western® branded hotel is independently owned and operated.  
©2019 Best Western Hotels & Resorts. All rights reserved.

**FIBERGLASS FENCING • GATES  
• FREESTALLS  
FEED RAIL • FEED LOTS**



Fiberglass freestalls offer a heightened level of comfort which leads to an increase in milk production!

**WE OFFER  
THE MOST  
COMPETITIVE  
PRICES ON  
THE MARKET!**

**NEW PRODUCTS:**

- All Solid Rail Fencing has a 20 year UV coating to prevent splinters, Colors available
- Show Fencing & Pasture fencing
- Cattle Panels & Continuous Fencing
- 1" & 1-1/4 Electric Fence Post UV Protected
- 13% Chrome Post for Head Locks & Feed Rail
- Guard Rail and Fiberglass posts.
- Lifetime warranty on our fiberglass products from rusting and rotting



Ron & Ellen Hartman Farms, Dubuque, IA  
*Fencing and freestalls*



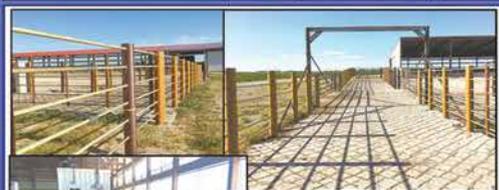
Matt Strieff - 600 freestalls



Steve Kaiser, Little Falls, MN - Freestalls



Gav-n-view Farms, Lansing Iowa - Fencing



Jim Thoma, Jesup IA  
800' fencing

**Call or check  
our website for dealers  
& all our other products!**

**TJ's Fencing  
Company**  
Patents Pending

Hwy. 76 • Harpers Ferry, IA  
**563-586-2023**  
[www.tjsfencingcompany.com](http://www.tjsfencingcompany.com)  
Email: [tjfence@ocegroup.cc](mailto:tjfence@ocegroup.cc)

**FAMILY OWNED FOR OVER 30 YEARS!**

# agriculture

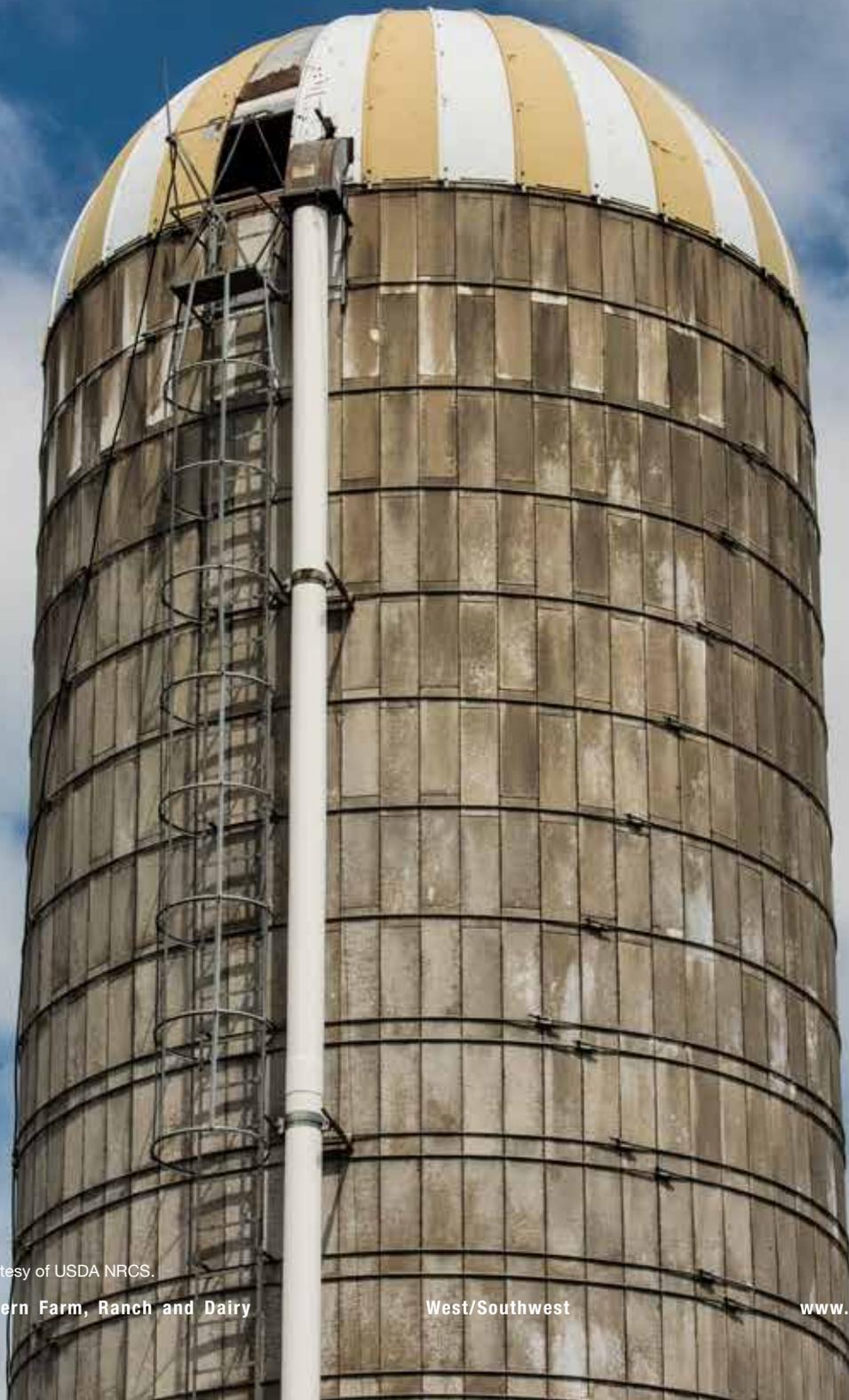


Photo courtesy of USDA NRCS.

**EASY TO USE!  
ADVANCED!**

# AUTOMATIC BOOM HEIGHT CONTROL

FOR NEW AND USED PULL TYPE &  
SELF-PROPELLED SPRAYERS

**WORK FASTER, SAFER & SAVE**



- Save the operator; much less fatigue & stress
- Save time in the field; work faster
- Save the booms; reduce impact with ground & crop
- Save chemical; reduce drift and spray on target
- **HEADLAND MODE!** Safeguards booms during sharp turns

Durable, Compact Stainless Steel Housing;  
Sealed Weatherproof Sensor

**COMPLETE SYSTEMS FROM JUST \$4840!**

## FEATURES:

### CHOOSE FROM 3 OPERATING MODES:

- Bare Ground • Partial Canopy • Full Canopy

### ISOBUS COMPATIBLE OPTION:

Less cab clutter. Easier menu system.

### SMART SELF-CALIBRATION:

Automatically adjusts to the sprayer's hydraulic performance.

### LONG RANGE SENSORS:

Choose from 2-5 sensor systems

- Fits ALL sprayers with electric-over-hydraulic controls
- Few components, works with existing valves - DIY install

*COST EFFECTIVE, VALUE ADDED*

# GREENTRONICS

519-669-4698 | [www.greentronics.com](http://www.greentronics.com) | [info@greentronics.com](mailto:info@greentronics.com)



## Featured Wilger Products for 2020

**COMBO-JET® SPRAY TIPS**  
Best Drift Reduction Spray Tips  
for ALL PWM Spray Systems  
**5 Series** for Matching  
Coverage & Drift Control

### NEW UR SERIES



Designed and  
Approved for  
Diamix

### AVAILABLE NOW!



**NEW BOOM-END FLUSH  
VALVE HANDLES!**



## WILGER BALL FLOW INDICATORS

Meter & Monitor your flow with one kit.

Simple Operation. No Electronics.

- Desired Flow
- Ball Suspended Lower  
Indicates Blockage

NEW  
ISO Color  
Coded ORS  
Metering  
Orifices



Full Line of  
O-ring Seal  
Check Valves  
and Fittings



FOR INFO, CALL (877) 968-7695

OR VISIT  
**WWW.WILGER.NET**

**MANUFACTURER OF  
WORLD CLASS  
SPRAYING COMPONENTS**

# Stukenholtz Laboratory Inc.

## Celebrating 50 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 23 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 41 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 49 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.

## STUKENHOLTZ LABORATORY Inc.

### Agricultural Consulting & Testing

- Soil Testing
- Irrigation Scheduling
- Feed Analysis
- Contract Research
- Tissue Testing
- Pest Management
- Field Research
- Grid Sampling
- Variable Rate Fertilization
- International Testing
- Agronomic and CCA Seminars
- Nematode Testing

Contact: Paul Stukenholtz, Consulting Agronomist

Agronomists: JP Kruckeberg, Bart Kunz, Cameron Brower, Antone Christensen, Wess Gibson, Cody McCoy, Kevin Victor

**208-734-3050 • 800-759-3050 • Fax 208-734-3919**

P.O. Box 353 • 2924 Addison Ave E. • Twin Falls, ID 83301

E-mail: [frontoffice@stukenholtz.com](mailto:frontoffice@stukenholtz.com) Website: [www.stukenholtz.com](http://www.stukenholtz.com)

# TPS Lab

Since 1938, TPS Lab has been guiding growers of many different crops around the world to making maximum yields and quality, and solving difficult field problems with advanced innovative solutions based on in-house testing using proprietary soil and plant sap testing technology and an in-depth understanding of plant physiology.

HEMPlan® is the comprehensive pre-plant-to-harvest holistic guidance program designed specifically for Industrial Hemp Growers and provides all the consulting guidance growers need for successful crops and is based on successes with growers in many states and almost a decade with Canadian growers.

The purpose of HEMPlan® is for you to realize highest quality and yields with minimal THC for your crop's genetics by minimizing plant biotic and abiotic stresses.

There are no "boiler-plate" solutions for any crop - especially hemp. Each HEMPlan® is custom-designed for your oil, seed or fiber crop, your soil, your growing conditions, your needs - and your budget.

HEMPlan® includes a pre-season soil test that includes Heavy Metals, an irrigation/spray water quality test, and periodic plant sap tests to monitor and manage crop nutrition,

Continued on page: 18

## ROW CROP – LIVESTOCK – POSSIBLE DAIRY

VALE, OR – APPROXIMATELY 1,278 DEEDED ACRES - ABOUT 818 IRRIGATED ROW CROP – 293 IRRIGATED PASTURE (A GOOD PORTION OF WHICH COULD BE HAY & GRAIN) - ONIONS, CORN AND/OR OTHER ASSOCIATED CROPS - \$35 +/- PER ACRE WATER – 1,000 HD. EXISTING FEEDLOT- PLUS EXISTING FEED BUNK SPACE FOR ABOUT 500 HD DAIRY HEIFERS – 5,000 HD DAIRY PERMIT IN PLACE - GOOD SET OF SUPPORTING FACILITIES INCLUDING 4 HOMES – SINGLE FAMILY OWNERSHIP FOR OVER 80 YEARS – OVER 3 MILES MALHEUR RIVER THRU OR BORDERING PROPERTY (WATERFOWL, PHEASANT, QUAIL, A FEW MULE DEER) - ASKING \$8,950,000 – A NICE OFFERING

THINKING OF SELLING OR ESTATE PLANNING

### OREGON AND IDAHO

We still have buyers for large farms and ranches...offering leaseback to family members for those wanting to stay on the place and in the business. The time to divide assets is when you are still in charge.

Confidentiality assured

WE APPRECIATE YOUR BUSINESS  
AGRILANDS REAL ESTATE  
BAKER CITY, OR – BOISE, ID

Jack Horton - Broker  
208 830 9210

Rae Anderson – Broker  
208 761 9553



SCHUIL & ASSOCIATES  
REAL ESTATE

### DAIRIES FOR SALE

TULARE COUNTY DAIRY FOR LEASE CALL FOR MORE INFORMATION

+/-3,630 AC. DAIRIES (3) & LAND NEVADA, MO \$20,725,000

PROPERTY LISTED IN CONJUNCTION WITH MISSOURI LICENSED REAL ESTATE BROKER MARK A. ROY

+/-53.46 AC. DAIRY & LAND ROCK VALLEY, IA \$4,400,000

+/-120 AC. DAIRY & LAND TILLAMOOK, OR \$3,800,000

+/-602 AC. DAIRY & LAND Hanford \$11,000,000

+/-518 AC. DAIRY & LAND Rolling Prairie, IN \$14,500,000

PROPERTY LISTED IN CONJUNCTION WITH INDIANA REAL ESTATE BROKER JOHN RUPP

+/-107 AC. DAIRY, PACKING HOUSE & KIWIS HANFORD \$4,442,250

+/-232.02 AC. DAIRY & LAND VISALIA \$6,200,000

+/-583.61 AC. DAIRY & ALMONDS SACRAMENTO CO. \$18,000,000

+/-2,708 AC. DAIRY & LAND CORCORAN \$25,500,000

ALL OFFERS SUBJECT TO COURT APPROVAL AND SUBJECT TO PUBLIC NOTICE FOR OVERBID.

+/-160 AC. DAIRY COOLIDGE, AZ \$12,000,000

+/-2,826 AC. +/-1,425 MILKING BATTLE CREEK, MI \$14,850,000

LISTED IN COOPERATION WITH MILLER REAL ESTATE, MARK HEWITT

+/-40 AC. +/-1,100 MILKING COURTLAND, MN \$1,450,000

LISTED IN COOPERATION WITH BILL POPP, COLDWELL BANKER BURNET



FOLLOW US ON SOCIAL MEDIA FOR CURRENT LISTINGS

WWW.SCHUIL.COM



CALCRE: 00845607

## CONSIDERING HAVING AN AUCTION? CALL US FOR YOUR NEXT AUCTION OR APPRAISAL



CALL TOLL FREE 1-800-535-5996

NIXON  
AUCTIONEERS

1221 East Murdock  
Wichita, KS 67214



Check Us Out on Facebook

Auctioneer – Gib Thurman

www.nixonauctioneers.com

# equipment



Wasco County Fairgrounds. Photo courtesy of R. Davis.

# 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. 

## The leader in Hay-handling



*The Oregon Road Runner*

The most efficient, heavy-duty hay-handling system available. PLUS we have a good inventory of Used Fork Lifts with NEW Squeeze Attachments. NOW your choice of engines: Cummins ISC 8.3 or Cummins ISL 9.0



New Hood Design for Improved Visibility!



# Sunny “D” Manufacturing, Inc.

(541) 884-2361 • 4343 Highway 39 • Klamath Falls, OR 97603

# Walinga

## Bulk Feed Bodies & Grain-Vacs

**F**rom 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 manufactur-

ing 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.



# ACRES<sup>USA</sup>

## The Voice of Eco-Agriculture

For just \$39/year for U.S. residents, subscribers will receive one issue per month with 100 pages of information about soil health, weed pressure, pest mitigation, crop vitality and more! Founded in 1971, we've been educating our community of farmers and growers for almost 50 years.

[www.acresusa.com/subscribe](http://www.acresusa.com/subscribe) | 800-355-5313

# Meet the all-new Bale Baron 5250!

**B**uilding on the original design principles that Bale Baron owners appreciate, the new 5250 models feature many impressive upgrades designed to improve productivity and serviceability while still maintaining the outstanding reliability the Bale Baron brand is all so well known for. This year Marcrest Manufacturing Inc released 2 new models; the all-new 5250 and the refined 4250. Both of these units are available in the P (pick-up) and T (trail) models. The 5250 has a hydraulic requirement of 40 gallons per minute while the 4250 requires 30 gallons per minute.

Let's walk around the 5250 and see what fantastic upgrades have been made. At first glance you can immediately notice the wider front stance and wide flotation rear tires which keep the 5250 firmly planted. You will also see that the body work has been completely remodeled and looks fantastic! The ladder has been conveniently attached on a generous angle allowing for safer climbing to the knotter. Upon opening the knotter cover the relocated and re-engineered knotter miss-tie sensors cannot be missed; the new sensor location is a sure-fire way to detect actual knotter miss-ties. Another upgrade to the already extremely reliable low maintenance Rasspe knotter is the 4-lobe knotter sprocket which reduces the knotter cycle time by 25%! After the easy climb down the angled ladder you will notice the massive twine boxes, which swing out to allow full exposure to the compression chamber

and hydraulic lines for inspection and maintenance purposes. While walking around the 5250 one can easily notice that there are no grease nipples on all pivot points; this is achieved by using nitride treated pins paired with composite bushings. This design has been proven and adopted from the 6240 self-propelled Bale Baron. A serious feature that has not been mentioned is the ISOBUS compatible PLC. What does that mean? It means that if your tractor has ISOBUS the 5250 can be fully controlled and monitored right from the seat in your tractor! Ahh, no, my tractor doesn't have ISOBUS?... No worries, there are ISOBUS screens available from Marcrest! And for those who aren't into the latest and greatest technology, the 5250 can easily be operated by our ever-proven standard cab control box.

Now let's take a quick look at the 4250. It has maintained the same body work and stance as the 4240/4245. However, it shares some of the fantastic upgrades mentioned on the 5250 such as the greaseless pivot points thanks to the nitride treated pins and composite bushings. It also has the new 4 lobe knotter sprocket on the low maintenance Rasspe knotter for faster tie cycles. And like its big cousin the 4250 also has the new ISOBUS compatible PLC which means ISOBUS connectivity is ready and available for the 4250 when you are.

For more information please contact your nearest dealer or visit our website: [www.marcrestmfg.com](http://www.marcrestmfg.com)



## 5250 | BIG PRODUCTION JUST GOT BETTER

### INTRODUCING THE NEW BALE BARON 5250!

- IN-CAB ISOBUS CONNECTIVITY
- WIDER STANCE FOR BETTER STABILITY
- REDESIGNED CUSHIONED CYLINDERS
- LOWER BALE PICKUP AND ROLLERS
- GAS SHOCK MOUNTED ACCESS PANELS
- GREASELESS NITRIDED PINS AND COMPOSITE BUSHINGS
- SWING OUT TWINE CABINETS

#### Introducing the completely redesigned Bale Baron 5250 Series.

Building on the original design principles that Bale Baron owners appreciate, the new 5250 models feature many impressive upgrades designed to improve productivity and serviceability.



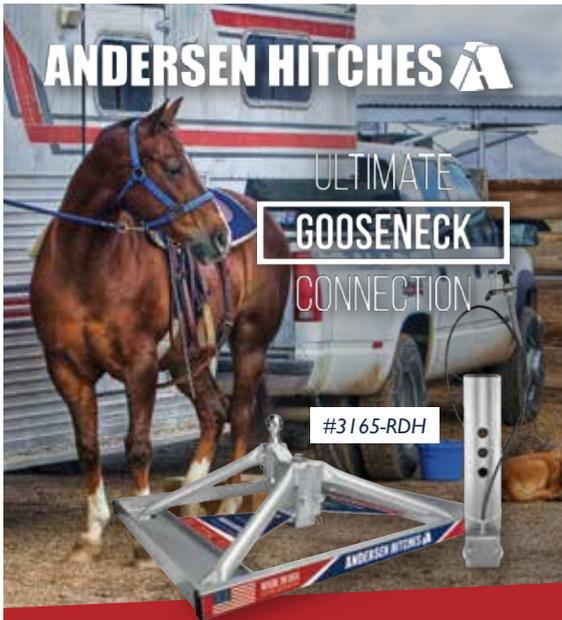
**SMALL BALES. BIG PRODUCTION.**

1-519-887-9910 | [www.marcrestmfg.com](http://www.marcrestmfg.com)

# livestock



Photo courtesy of UDI.



**GET A SMOOTH, STABLE  
RIDE FOR YOUR HORSE &  
LIVESTOCK TRAILER**

- Rated for **20,000 lb GTWR** & **4,500 lb tongue weight**
- **Fits all standard 2-5/16" gooseneck balls**
- Lightweight, & easy **one-person installation**
- Elevates connection for **improved visibility**
- **Greaseless connection** ditches the mess
- Features a patented **remote latch cable**
- Base only weighs **35 lbs**



*Comes with Remote Latch Cable*

*6.25" Funnel at the bottom to guide ball in place*

*Fits 4" ID round trailer tubes*



**SEE PRODUCT ONLINE**  
SCAN QR CODE WITH PHONE



**FIND A LOCAL DEALER**  
SCAN QR CODE WITH PHONE

ANDERSENHITCHES.COM  
208.523.6460  
3125 N YELLOWSTONE HWY  
IDAHO FALLS, ID 83401



**16% PROTEIN - 10% FAT**

**MAXIMIZE  
YOUR PROFITS**

**FEED  
MIX 30 TODAY!**

DESIGNED FOR USE IN COW-CALF OPERATIONS, FEEDLOTS & GRASS FED SITUATIONS

THE HIGH ENERGY LIQUID FEED.

**MIX 30**

800.575.7585 • WWW.MIX30.COM

**Mix 30 is the RIGHT place for you and your feed company!**

It is **PROVEN** to increase weight gain, aid in conception rates and is designed for use in feed lot situations and cow/calf operations. **Mix 30** is **THE ECONOMICAL** source of protein, energy and linoleic fatty acid.

# Beefmaster Heterosis Can Impact Any Herd

**B**eefmaster is a beef breed developed in America that improves beef quality and production efficiency when crossed with any other cattle breed for commercial beef production. The breed originated in Southern Texas in the late 1800's into the early 1900's. The Lasater family originally developed a large herd of Hereford cattle carefully selected to withstand the heat and insects of the Texas Gulf Coast region, but they were still not perfectly suited to that difficult environment. So Lasater began to experiment with incorporating *Bos indicus* or Zebu genetics, in the form of Gyr and Guzerat bulls from India and Nelore from Brazil. While the practice of crossbreeding was virtually unheard of at the time, they immediately saw a tremendous jump in productive traits, such as weight gain and reproductive rates. This is genetic advantage known as heterosis or hybrid vigor.

By the early 1930's, the ranch also incorporated Milking Shorthorn genetics, to augment milk production and carcass quality. They could immediately see that the three-way hybrid was far superior to the two-way crosses. The final composite ended up at roughly 50% *Bos indicus* and 50% *Bos taurus* (25% Hereford and 25% Shorthorn).

As Lasater developed the breed, he also formed a unique selection phi-

losophy known today as The Lasater Philosophy. The concept is to only select cattle for economically relevant traits, which he distilled to these Six Essential traits. It is the only breed in history to be selected only using pressure for productive traits, as opposed to aesthetics.

In 1937, the herd was closed to outside genetics with continued internal development to cull low-performers and upgrade all traits together equally. By 1954 the foundation herd was recognized by USDA under the name of Beefmaster.

The breed has rapidly grown around the world and has become known as the prime maternal cow for serious commercial cattlemen that appreciate their production excellence, particularly in harsh desert or tropical environments. The breed has excelled across most regions of the United States and is the leading breed of choice for commercial cattlemen in Mexico, South Africa, Thailand, Panama, Columbia and several other Latin American regions. With global demand for higher-quality beef growing geometrically, Beefmasters provide the perfect breed to cross on commercial cattle to improve production efficiency and carcass quality, while not sacrificing adaptability.

Commercial cattlemen have noted

substantial economic gains from using Beefmasters to provide an average increase of 60 lbs., or more at weaning when compared with other breeds. They excel post-weaning as well, with faster weight gains, excellent feed conversion and carcass yields around 64%.

In a time when sustainability is becoming increasingly critical, Beefmasters have repeatedly demonstrated that they are highly efficient converters of both forage and feeds into lean, tender, high-quality beef. A recent study at the U.S. Department of Agriculture Meat Animal Research Center (MARC) demonstrated Beefmasters dominance when compared to 18 of the most widely used beef breeds in the United States.

Beefmaster Breeders United (BBU) is headquartered in Boerne, Texas. Beefmaster ranks fifth in the U.S. in terms of membership and is the largest of the American breeds. The association has over 3,000 members registering around 19,000 calves annually.

Beefmasters also enjoy a rapidly growing international footprint, with established associations in eight countries worldwide. These innovative cattlemen have seen the tremendous strengths Beefmasters bring to their own genetic improvement programs. For more information about what Beefmasters can do for your operation, please visit us [www.beefmasters.org](http://www.beefmasters.org). 



# 6th Generation Family Farm Still Lives On

By: Celia Kreifels

In 1853, a young man by the name of Wilhelm Zellmer came to the United States aboard a cattle ship from Bieniew, Prussia to start a new life for himself. Wilhelm met a beautiful German girl, Louisa, in Wisconsin and began traveling toward Kansas in pursuit of that promised fresh start in life. The travel to Kansas was difficult; Louisa and Wilhelm encountered the grasshopper plague and the loss of some members of their wagon train. It was, however, the death of one of their oxen that ended their journey to the free land available in Kansas. As Wilhelm looked around the land near him, called Iowa, he realized the beautiful rolling hills reminded him a bit of his native Prussia. Wilhelm soon found a job building the railroad tracks that now run through the town of Atlantic, while Louisa fed the railroad crews meals to earn money. Wilhelm realized that the rich black soil and the climate were well suited for farming, so

he and Louisa saved up their coins and purchased a plot near the current home of the Zellmer family farm. Thus began a farming operation that spans six generations, run by Wilhelm's ancestors, who love the land and appreciate the nutrient-rich soil in Iowa.



The second you turn into the Zellmer Farms driveway, you can feel the family atmosphere. Zellmer Farms has been passed down to the 5th and 6th generation farmers. Alan Zellmer and his sons, Ethan and Gage Zellmer currently run both the feedlot and farm. A to Z is a

family-owned, family-run operation. Alan has always said his goal is for the farm to be "a place for the kids to come back and be a part of it if they want to". That is not an understatement. Everyone is involved from both Alan and Brenda's parents to their youngest grandchildren. The family currently runs feedlot where they feed Waygu cattle as well as Angus calves. They have 2300 acres of crops in various locations. One of the most exciting things happening at Zellmer Farms was the cover crop they tried this year. They had a very successful yield! The cover crop included soybeans with a cover of ryegrass. To say the field was beautiful is an understatement! The final yield of the crop was 9 tons per acre. On the feedlot side of the farm, the farm was blessed with a great calving season. A to Z Feeders was able to welcome over 200 new calves to the farm. It's not very often that you see family working together. But at A to Z, family is the most important thing. 

**FOR SALE**

## Full Blood Wagyu Bulls

These low birthweight, calving ease bulls are a heifer's dream, and your cows will love them too. We have consistently seen quicker breed back, with more breed back on second calf heifers. All bulls have been feed performance tested. These bulls are very sound, long lasting and out of Takada genetics. Progeny out of these bulls consistently grade 75% and above prime. With 23 years in the wagyu business, we can help select the right bulls for your operation. Ask about our feeder calf buy back program with premium over cattle tax weekly prices



**A to Z FEEDERS**  
— SINCE 1991 —

For more information  
Email- [atozfeeders@gmail.com](mailto:atozfeeders@gmail.com)  
OR Call (712) 243-4515: Office  
(712) 249-5500: Alan | (712) 249-3795: Gage

## AUTOMOTIVE



www.fairlys.com  
208.342.7777  
800.246.7879  
2301 Main St. • Boise, ID 83702



Idaho's #1 Corvette Dealer!

## IRRIGATION EQUIPMENT



**INTERWEST**  
SUPPLY, INC.

Irrigation Supplies  
and Rentals



20488 Pinto Ln,  
Caldwell, ID 83607

(208) 453-9155  
www.interwestsupply.com

## PRINTING

COPIES  
PRINTING  
FAX



714 North Main • P.O. Box 556  
Meridian, Idaho 83680  
Phone: 208-888-5682 • Fax: 208-288-1946  
Cell: 283-3567 • Email: greg@modernprinters.net  
www.modernprinters.net

## ADVERTISERS INDEX

ADVERTISER	WEBSITE	PAGE
A to Z Feeders		17
Acres USA	www.acresusa.com	12
Agridyne LLC	www.mix30.com	15
Agrilands Real Estate		9
Andersen Hitches	www.andersenhitches.com	15
Beefmaster Breeders United	www.beefmasters.org	16
Best Western Plus Spokane	www.bestwestern.com	5
CleanFix North America, INC.	www.cleanfix.org	3
Fairly Reliable Bob's	www.fairlys.com	18
Greentronics LTD	www.greentronics.com	7
Interwest Supply Co.	www.interwestsupply.com	18
Marcrest Manufacturing, INC.	www.marcrestmfg.com	13
Modern Printers	www.modernprinters.net	18
Nixon Auctioneers	www.nixonauctioneers.com	9
Schuil & Associates	www.schuil.com	9
Sloan Express	www.sloanex.com	19
Stukenholtz Laboratory Inc.	www.stukenholtz.com	8
Sunny D Manufacturing Inc.		11
Texas Plant & Soil Lab	www.TPSLab.com	20
Thunderbird Irrigation of Idaho		3
TJ's Fencing Company	www.tjsfencingcompany.com	5
Walinga USA Inc.	www.walinga.com	2
Wilger Inc.	www.wilger.net	7
Zellmer Farms		17

### TPS Lab

Continued from page: 9

plant stress and cannabinoid, including THC, content.

After design, your HEMPlan® is not a rigid, fixed program – but is dynamically-adjustable for changing weather conditions (including forecasted frosts), disease and insect pressures, physical damage by hail or sandstorm, or other factors with as-desired “by your side” telephone consultations.

TPS Lab offers many services and options to the Industrial Hemp Grower.

Please contact Joe at 956-383-0739 or Joe@TPSLab.com for all the details and visit our website, www.TPSLab.com. 📞

**AT SLOAN EXPRESS, WE SEE NO COLOR.**



**8,000+ New Ag Parts Available At**

**SLOAN EXPRESS**

AMERICA'S AG PARTS SUPPLIER

**SLOANEX.COM • (800) 934-9777**

**Follow Us On Social!**



# No Matter The Crop, Your Best Assurance For Financial Success Is



## Personalized Guidance Based On Proprietary

### PLANT NATURAL<sup>®</sup>



Soil & Compost Tests

Duplicating the way roots take up nutrients in any soil to get your crop off to a good start.

Plant Sap tests so you can give your plants *What* they need *When* they need it.



**Ask The Plant<sup>®</sup>**  
DYNAMIC CROP NUTRITION

## And



**What's In  
Your Water**

Becomes Part  
Of Your Soil<sup>®</sup>

Irrigation Water Quality Tests to offset issues that can cause you big problems.

**HEMPPlan<sup>™</sup>**

The Holistic Pre-Plant-To-Harvest testing program for **INDUSTRIAL HEMP** growers to maximize yields, quality and CBD with minimal THC, disease and insect problems.

Because

# ***You Can't Afford Not To Know.<sup>®</sup>***

956-383-0739 • [TPSLab.com](http://TPSLab.com)

All photos are of actual clients' crops.