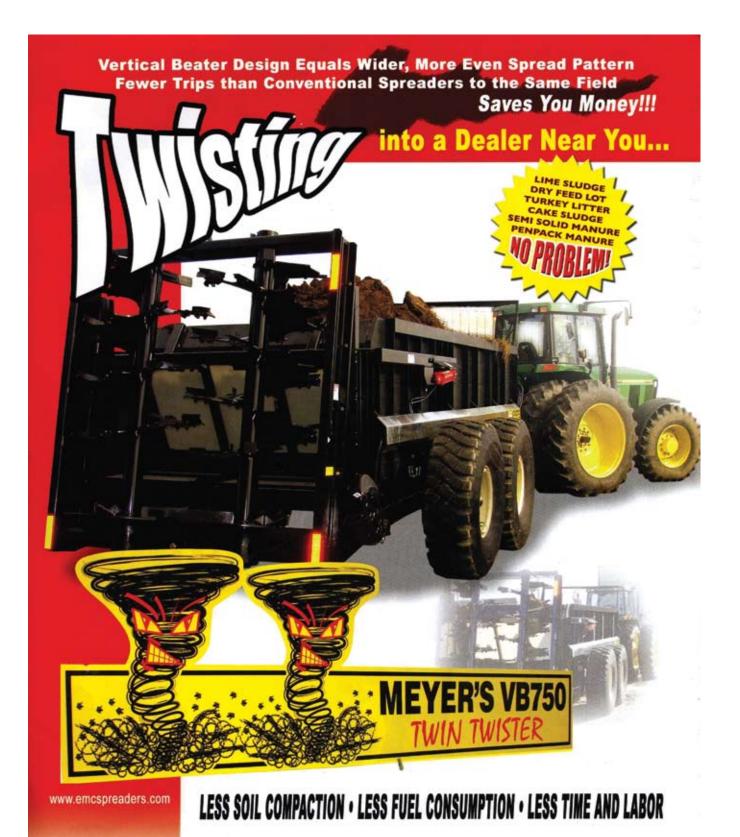
Western Farm, Ranch & Dairy Magazine

The vital resource of the Ag Industry

Heartland • spring/summer edition 2008







Meyer's Equipment Mfg. Corp Dorchester, WI 715.654.5200

contents









Photo courtesy of Idaho Horse Council. Inset image courtesy of Ag Pro Tech.

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Western Farm, Ranch & Dairy Magazine

Heartland • spring-summer edition 2008

Agriculture	Beet-Dairy
Egbers on Super Edge 6	J & B Lowlines
Rupiper Tours Conducts Farm	Lowlines Look to the Future23
Tours Around The Globe7	Don't Just Buy a Product, Buy a
Got Rodent-Rage? 8	ResultQuickHit!24
The Exciting Bio One Story 10	Janssen Red Angus
Health Benefits of Bramble Fruit 11	"Seedstock Producers with a
Guides And Outfitters/Understanding	Commercial Focus" 25
Commercial General Liability 12	Morning Star Enterprises 26
Having Trouble Wiping?	Mt. Ayr Vet Clinic & Vet Products
Solution ComfortSeat® 13	Vets' Product Fosters Togetherness
Got Pivots? 14	In Cattle 27
URAM 14	Slaughter Inspection 101 28
Pressurized Exhaust Kills	
Underground Rodents14	Equine
	Idaho Horse Expo 2008
Equipment	"Come Ride With Us" 30
New Ecological Technology for	The Idaho Youth Horse Council 30
Farming Based on the Horizontal	2008 National Clydesdale Sale 31
Cutting of the Soil	The Appaloosa Museum 32
Kuhns Mfg. "No Hydraulics	Stalions on Parade 32
or Electronics"	
	Alpaca-Llama
Wind Turbine Industries Jacobs®	Alpacas Produce World-Class,
Wind Energy System 18	Luxurious Fiber 33
MidSouth Minitrucks Imports	Renco Corporation • Preg-Tone® 35
Japanese Mini Trucks 19	
ADS Bulk Seed Buggy Wireless	Goat-Sheep
Variable Speed Throttle Control 19	Agriventure/IAEA
Save Money, Time and Hassle	Funds Available to Help Sheep
Start Watering Your Livestock with	& Goat Industries
Solar Powered Water Pumps 20	a coat maacines
Rite Way Mfg. Co. Ltd 21	Departments
C&R Supply Co.	Publisher Information 5
Birth of a Sprayer 22	Advertiser Index38
	Marketnlace 39

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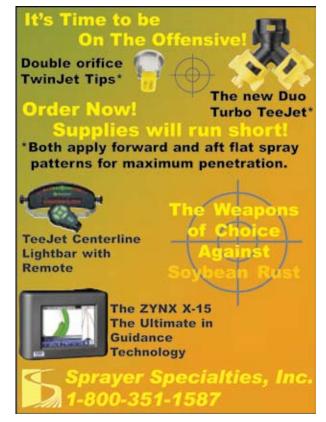
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agriculture

Egbers on Super Edge

"There just isn't enough we can say about the Super Edge Auger Flighting" Agrees Doug and Laura Egbers, owners of Egbers Flighting & Supply L.L.C. The Super Edge is created in the rolling process.

Supply L.L.C. 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 approximately 50 thicker outside edge. 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 repair's Egbers offers a wide assortments of replacement parts and tubing. They have you basic inside tubing, pipe, rolled tube for grain cart unloading augers all the way up to 40 ft. lengths for transport augers. "We've always thought freight and shipping to our customers was a problem, we can ship pretty much all the replacement parts a customer needs from here." States Laura "That way all your parts come from one location instead of several."

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

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



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Rupiper Tours Conducts Farm Tours Around The Globe

Rupiper Travel and Tours is located in Yankton, South Dakota, right in the heart of the Midwest, where hard work, value and customer satisfaction are everyday priorities.



Larry Rupiper (left) with his tour group on the Australia & New Zealand Farm Tour

We specialize in first-class, all inclusive, escorted farm tours to the most famous vacation destinations in the world: Australia-New Zealand, Argentina-Chile-Peru, Brazil, China, Germany, Russia, South Africa, and more.

The owner, Larry Rupiper, who escorts most of the farm tours, has a deep admiration for farmers and ranchers and their unending love of farming. His connection to agriculture stems from growing up on a farm and managing his own small irrigated grain farm in South Dakota. Larry has traveled to nearly 30 countries, which has expanded his global agricultural knowledge and understanding.

Our farm tours are designed to offer you real farm experience and information, as well as exciting sightseeing and fun. While touring, you'll have an opportunity to talk with other farmers face to face, learning and sharing cutting edge farm practices. When traveling on our farm tours there is no need to purchase optional tours – they're all included!

We pride ourselves in providing superb customer care. No detail is overlooked in planning the ideal vacation for you. We travel in deluxe air-conditioned motor coaches and the hotels we utilize are four-star, where available, and our meals are superb. Wonderful escorts and experienced local guides are with you every step of the way. We strive to give you an unbeatable travel experience!

For more information, please contact us at 1-888-414-4177 or visit our website: www.rupipertravel.com





Got Rodent-Rage?

he VARMITGETTERTM, a clever gas operated pest control system, is a device for controlling the populations of burrowing rodents, such as gophers, ground squirrels, moles and even badgers, thus greatly reducing the damage they cause to crops, irrigation systems, and landscaping. It is designed for efficiency on large acreages.

VARMITGETTERTM can't build them fast enough. Business is really "booming." In fact, it's best to order before their spring rush begins.

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

The VARMITGETTERTM operates by forcing a controlled ratio of propane and oxygen into the pests' burrows. With one push of the ignition switch, the resultant blast destroys all the rodents plus their tunnel

system. As an added safety measure, an electric cutout switch prevents ignition while gas is being discharged. A high voltage converter, situated in the applicator, keeps the ignition spark away from the operator at the control box. For added safety, the entire unit is equipped with no less than three flash back arrestor check valves to eliminate any chance of fire traveling up the gas lines.

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

What this means to the consumer is the VARMITGETTERTM is more economical, in addition to being more effective. Priced \$700 less than the competition, buyers are getting a lot more bang for their buck, so to speak. VARMITGETTERTM's improved design is likewise more economical on bottled oxygen use. Each blast requires less oxygen to support the combustion of the propane.

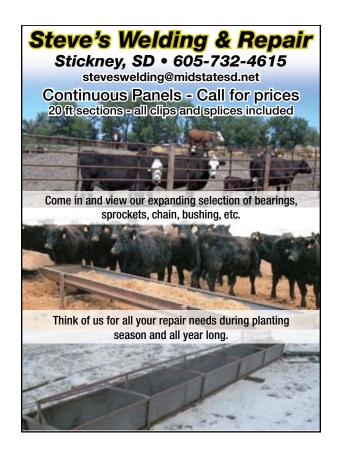
On VARMITGETTERTM's website (www. varmitgetter.com), they list 21 advantages of their product over competitors' handheld models. Most notably, perhaps, is the improved design that allows remote detonation (as much as 25-feet from the burrow). Operators are no longer subjected to what they call "ground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

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

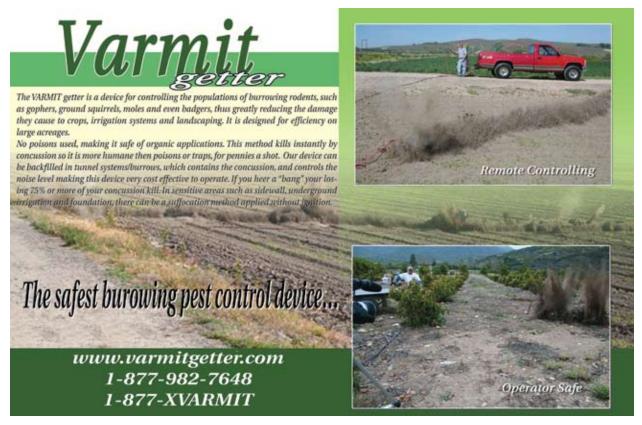
To learn more about the multiple VAR-MITGETTER™ advantages or to see actual online demonstration footage, please visit the website at www.varmitgetter.com. For inquiries or orders, you may contact VAR-MITGETTER™ at their Payette, Idaho office: 1.877.982.7648 (1-877-x varmit). ♣











The Exciting Bio One Story

he Bio One story is so exciting, I get excited just talking about

Bio One is a dormant organic bacteria. Bio One provides nitrogen to the plants when the crop needs the nitrogen. Synthetic fertilizers glut the plant with nutrients and usually at the wrong time.

I'm sure you used to apply fertilizer in the spring and very little during the growing season. Traditional synthetic fertilizers ignore the importance of soil biology. Soil biology includes bacteria, fungi, micro-organisms, algae and protozoa. There are about 50 million microbes in a teaspoon of soil.

Micro-organisms such as those found in Bio One, have the ability to fix nitrogen from the air. Air is 78% nitrogen, and makes it usable to the plant. The nitrogen removed from the air is called nitrate and it becomes attached to the soil particles. Nitrates are non-leachable and become 100% available to plants

immediately. Synthetic nitrogen is in the nitrite form of nitrogen, which is not available to the plants. It has to be converted to the nitrate form to make it available. Using Bio One, we can reduce our synthetic nitrogen by 50% and unleash other tied up nutrients.

Farmers like to see action today; not next month or next year. Using Bio One, you will definitely see results the first year.

The best part of the Bio One story is that the following year will be even better. The way it looks to me, you are probably looking at 3 to 4 years to balance our soil and reduce synthetic nitrogen more.

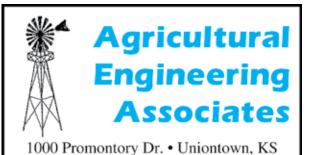
We can't do it overnight, but we'll get your soil in balance in time.

For more information about Bio One, contact A. Link, Inc. at 218-779-1993, e-mail biooneinfo@aim.com or visit our websites at www.biogoldonline.com or www.bioredonline.com.



Bio Man





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Health Benefits of Bramble Fruit

There are many good reasons to eat raspberries and blackberries.

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



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

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

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

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

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

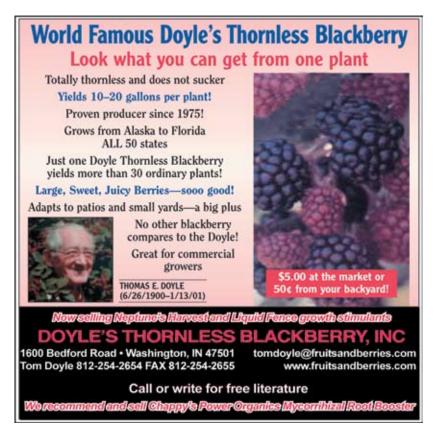
Why not just take a nutritional supplement?

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

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

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

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



Guides And Outfitters / Understanding Commercial General Liability

Coverage A. Bodily Injury and Property Damage Liability

The insuring agreement obligates the insurer to pay those sums that the insured becomes "legally obligated" to pay as a result of "bodily injury" or "property damage" to which the insurance applies. Today, even small mishaps can result in large lawsuits. Liability insurance protects the assets of a business when it is sued for something it did or didn't do which caused "bodily injury" or "property damage". If operating as a sole proprietor, your personal assets and business assets are one in the same and even if operating as a corporation or LLC, this does not totally guarantee that your personal assets are not exposed in a suit. An important benefit stated in the insuring agreement is the insurance company's duty to defend suite. Although not stated, in regards to allegations or suits that are groundless, false, or fraudulent, the reference to "Any Suits" in the policy form provides the benefit of legal defense against such suits as well as against valid ones. Also related to the insurer's promise to defend any suit is the right of the insurer to investigate and settle claims. The peril faced is negligence. The hazard exits because of what you do as well as owning or leasing of premises, sale of products, manufacturing products from raw materials., professional activities, and so forth. This is only a short summary and a review of your

INSURANCE

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policy is recommended. There are also standard exclusions to the coverage as addressed in the policy form.

Coverage B. Personal and Advertising Injury Liability

"Personal Injury" means injury, other than "bodily injury", arising out of:

- False arrest, detention, and imprisonment
- Malicious prosecution
- Wrongful entry or eviction
- · Libel or slander
- Oral or written publication of material that violates a person's right of privacy.

Advertising Injury Liability means injury arising out of:

- Oral or written publication that slanders or libels a person or organization or disparages a person's or organization's goods, products, or services.
- Oral or written publication of material that violates a person's right of privacy. Misappropriation of advertising ideas or style of doing business.
- Infringement of copyright, title, or slogan.

This is a only a short summary and a review your policy is recommended. There are also standard exclusions to the coverage as addressed in the policy form.

Coverage C. Medical Payments

Medical payments provides payment for medical expenses for bodily injury caused by an accident on premises owned or rented or because if you operations. Payment is made regardless of fault.

There are additional sections of the policy that are important that you should review including but bit limited to:

- · Who is an Insured
- Limits of Insurance
- Conditions
- Supplement Payments
- Fire Damages
- Standard Exclusions

Important Information:

If a guide is a employee, he/she is by definition an insured in the commercial general liability coverage form. If any guide is subcontracted for employment and not an employee then he/she is not an insured by definitions in the coverage form. Exactly how is the named insured affected if there is a bodily injury claim due to the negligence of the guide (employee) verses the guide (subcontractor)? The named insured always has coverage regardless of whether the guide is an employee or a subcontractor. Also the guide (employee) is covered under the named insured's CGL policy, but the guide (subcontractor) is never extended coverage. The only means for the guide (subcontractor) to have liability coverage is to purchase his own CGL policy. Often there is a misconception that a guide (subcontractor) is extended coverage, but that is not true due to the definition of "who is an insured"! The CGL for simply does not extend coverage to the guide (subcontractor)

Having Trouble Wiping?

Solution ComfortSeat®

A rthritis, the effects of a stroke, arm injuries, obesity, hemorrhoids, osteoporosis, neuromuscular & neurological disorders, Parkinson's disease, and many



other maladies that affect millions of Americans can make it painful, difficult or completely impossible for a person to wipe himself or herself with toilet paper. In the past, when someone was unable to toilet themselves, they either had to rely on a caregiver or a loved one to wipe for them. In many cases, people were forced into a nursing home or care facility. These people lost their independence, and worst of all... they lost their dignity.

The introduction of the award-winning Solution Comfort-Seat® line of toileting aids helps people retain their independence and dignity, by allowing them to toilet themselves. With just the simple press of a button, users can wash themselves completely clean in a matter of seconds. They can clean themselves instantly, on demand, without the waiting and embarrassment of having someone wipe them.

Washing with water also helps Solution ComfortSeat® users improve their personal hygiene, and helps heal painful hemorrhoids and sores while soothing sensitive skin. Our "Ultimate" unit has adjustable warm water, and adjustable warm-

air drying, which allow the user to completely eliminate the use of toilet paper. Several of our units feature an enemasprayer, which allow people to give themselves lower-bowel colonics. All of our units have adjustable water pressure, from a light trickle of water to a powerful cleansing spray, and offer unparalleled personal hygiene after using the bathroom. For large users, we have units that feature an extra-wide heavy-duty "Bariatric Toilet Seat." The extra-large flat seating area offers better support and comfort, with no painful pinch or poke points, which helps spread large users. It features 300-series steel hardware, and chrome-finish hinges,

Solution ComfortSeat units® do not require a plumber to install, and start at only \$99.95. Call Great Ideas Inc., at 800-611-5515, or visit www.NewComfortSeat.com online for FREE information about all Solution ComfortSeat® products – including bathroom transfer bars, toilet seat risers, and safety rails. Solution ComfortSeat® units help restore independence and dignity to America.

that safely supports users up to 500 lbs.



got pivots?

hen you already know the challenge of keeping your irrigation on schedule for maximum profit. More than ever, high-energy costs make pivot management a critical task. In the early 90's Jerry Abts was selling a sophisticated and expensive remote monitoring and control system for center pivots; but most irrigators declined and simply asked, "what'a'ya got that will just tell me if my pivots are on?" The answer came in 1995 when Abts founded Pivotrac.com and patented a method of using simple text pagers to keep irrigators informed on the status of whole groups of pivots, one to a hundred or more.

Today Pivotrac combines text messaging and Internet connectivity with special radio telemetry that works everywhere to deliver on-the-go status of multiple pivots to anyone, anywhere. Pagers are still used, but most subscribers receive the text messages on their digital cell phones. In addition, the system provides remote start and stop options from any telephone or the Internet.

There are many reasons for on-site visits to fields with growing crops being irrigated by center pivots. The difference with Pivotrac is you and your hands know immediately when a pivot shuts down (and you know when it starts back up). Priorities change with new infor-

Mobile Information to Anywhere



mation. Now pivot status information delivered to everyone needing it can help adjust priorities to avoid costly downtime that can result in crop stress and yield loss. Why wait until the last of the day to find out a pivot is stuck? With Pivotrac the problem is immediately known before all the help goes home and you get "stuck" with the problem.

The service is simple, reliable and at just \$225 per season, very affordable. Subscribers can view their pivots on a secure website from anywhere, and the website includes summary and detailed records of all pivot activity (www.pivotrac.com). For a dealer in your area, contact Jerry Abts by phone at 888-872-2360 or e-mail: jerry@pivotrac.com.

Pressurized Exhaust Kills Underground Rodents

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

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

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

An internal combustion engine, that also drives a compressor pump that pressurizes the exhaust gas to 125 psi

URAM

RAM supplies available nitrogen and sulfur as needed. The most common form is 41-0-0-4, 83% urea and 17% ammonium sulfate. Other forms such as 33-0-0-12 are useful on low organic

soils, especially behind landforming on sand. Most soil/crop relationships are S deficient, Applying N without S worsens this. NEVER APPLY N WITHOUT S! Crops use more nutrients in stressful times. Yields here in NW Mississippi:

	C		1.1
WHEAT	96 BPA	335 ACRES 100 LBS THEN 200 LBS	ONCE
	75 BPA	750 ACRES - 100 LBS /100 LBS /100 LBS	TWICE
SOYBEANS	88 BPA	69 ACRES 75 LBS LATE BLOOM	ONCE
RICE	242 DRY BPA	140 ACRES - 200 LBS /100 LBS /100 LBS	ONCE
	38¢ per bu milling premium on	137,076 BU - A \$72 PER ACRE VALUE	ONCE
Sorghum	140 вра	600 ACRES	ONCE
		URAM ALWAYS	

Please give honest three year try.

in a storage tank, generates the carbon monoxide.

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

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

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



A PERC system can treat moderately infested alfalfa fields at about 3. 5 acres an hour with a single operator, he adds. Each probed location requires only about 20 seconds injection time.

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

Contact: H & M Gopher Control Allen Hurlburt and Virginia Massey 1979 Co. Rd. 106, Tulelake, CA 96134

Phone (530) 667-5181 Email: hurlburt@cot.net For more information, www.handmgophercontrol.com got pivots?
Then you should know about





Investments 2008

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equipment

NEW ECOLOGICAL TECHNOLOGY FOR FARMING BASED ON THE HORIZONTAL CUTTING OF THE SOIL.

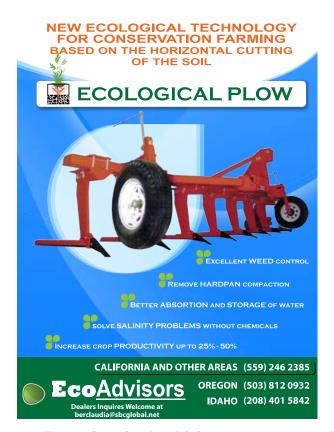
Returning to the initial concept of basic farming, whose purpose was the loosening of the soil without modifying its normal structure; we are introducing a new implement for this purpose. This implement is the Eco Plow, which is based on the Horizontal Cutting of the Soil.

With the Technology of the Horizontal cutting of the soil, we guarantee that its original structure will not be altered. The cut is made in the direction of the natural layers that the soil has formed, and the effect in them is precisely to loosen, fluff and ventilate the soil. This is the Basic Concept of Ecological Farming Conservation.

The no turn over or rotation of the soil creates a more efficient fertility, a better conservation of the humidity and the organic matter. Since its technology prevents the microorganism species to be removed from their habitat where they're living underground at different levels; they may accomplish their biological function towards the plants' nourishment. Thus, avoiding the layers that are less fertile from going to the surface. This also slows the effect of natural erosion, whether it be by water, sun or air.

In the same way, the continuous use of this technology promotes weed control. This plow cuts the weeds root, interrupting the upward flow of water and nutrients from the lower layers of the soil, which provokes the weeds' wilting and avoids its propagation. In contrast with the use of the disc implements, which eliminate the above ground part of the weed, but fragments the weeds root, thus promoting its propagation.

This Eco Plow progressively fluffs and loosens the soils hardened layers. Once plowed, the surface can be seen uniform and level. It eliminates the use of other implements, reduces airborne dust formations, and favors the fast development of the plant.





Kuhns Mfg. "No Hydraulics or Electronics"

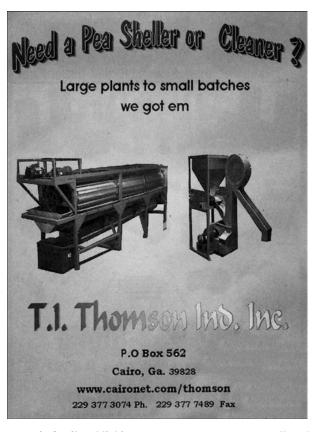
n the summer of 2002, Kenny Kuhns, a hay farmer in northeastern Ohio, decided he needed a more efficient way to handle hay. With small hobby farmers composing most of his customer base, he couldn't switch to large square or round bales. But with several hundred acres of hay, most of it far from his barns, he needed a mechanical handling system.



Kuhns had tried a hay accumulator, a machine designed to leave bales in groups throughout the field. A specially designed grapple moved these groups of bales wherever they needed to go. This worked well enough under the right conditions, but constant rain, uneven fields, and the occasional ill-formed bale made the right conditions a rarity. These complaints convinced Kuhns that he needed something better, but none of the other available designs really fit his needs. With constant rain keeping him out of the fields, Kuhns decided to use his time to design his own accumulator.

Kuhns started by making a list of necessary features. His machine had to be simple (no hydraulics or electronics), fully automatic, and adaptable to all conditions, including muddy fields, stubble, and unevenly sized bales. He also wanted the bales to be on edge for better curing, since hay for horses must cure almost perfectly to avoid forming dust.

By August of 2002, the first model was ready to test. It had several completely new features, most notably a twisted chute to get the bales on edge, and a raised platform that used gravity to sort the bales. Though the first test failed—the machine was too narrow to allow bales to slide easily—it came close enough to convince Kuhns that his concept could work. He set to work tweaking the design, removing one glitch after another. Finally, after three years of tweaking, he had a product that fit all of his criteria. With a patent pending on the design, he went into full production under the name Kuhns Mfg. LLC. Having already exceeded his production goal for the year, he is now grateful for the "ruinous" rains of 2002.





Wind Turbine Industries

Jacobs® Wind Energy System

A Look into the Past and Present of Wind Energy

ave you ever seen a wind turbine in motion? Watching the blades as they whisk through the air. The sound of a quiet whisper as the Jacobs' machine produces alternative energy for your home or business. The knowledge it must have taken to develop such a fascinating machine.

When did the wind systems come about? Well, back in 1982, because of manpower requirements and capital requirements to enter into wind farm applications, controlling interest was acquired by Control Data Inc.; Renewable Energy Ventures Inc. was established in 1983 for the acquisition of land, permits, and planning of wind farms. With the pending acquisition of Winco, an alternator and portable generator manufacturing company located in Le Center, MN, the corporate name of the company was established as Earth Energy systems Inc. (EESI) to better

WIND TURBINE INDUSTRIES CORPORATION

16801 Industrial Circle S.E.
Prior Lake, MN 55372
(952) 447-6064
Fax (952) 447-6050
E-mail: wtic@windturbine.net
Web:www.windturbine.net
President: Archie J. Pavek
Manager: Steven T. Turek

JACOBS® wind energy systems

The exclusive manufacturer of the Jacobs® wind energy systems since 1986. The wind plants range in size from 10kW to 20kW, with rotor sizes ranging from 23 ft. (7m) to 31 ft. (8.8m). These Systems can provide power for a broad range of applications, which include Grid Intertie (utility bill reduction). The Jacobs® wind energy systems have over 70 years of history providing clean, quality, reliable and efficient power in the USA and around the world.

reflect the nature of the corporation. Jacobs' products included all wind related components and Winco was the manufacturing facility and supplier of all generators and lighting standards. Both divisions marketed existing products under existing trade names and logo's as divisions of EESI.

From 1980 to 1986 EESI sold approximately 1500 wind energy plants in the United States and 8 in other countries. It also set up five wind farms, three (3) in California and two (2) in Hawaii. Several factors contributed to the large number of sales in the United States. As mentioned previously, electric costs rose dramatically due to the oil crisis of the 1970's and the resulting increase in oil and gas prices. Also, homeowners, farmers and businessmen received Federal Income Tax credits and sometimes state income tax incentives for purchasing wind energy systems. Also the 1978 Federal Law (PURPA) regulation in the National Energy Act mandated that local electric companies were required to purchase excess electricity generated by wind turbines privately owned. In addition, many people realized the long-term benefits of installing an energy system which did not have an adverse impact upon the environment and which used as its energy source a renewable resource.

In late 1985 and early 1986 Control Data decided to divest itself of its wind energy division. It is believed this decision was based upon several factors - falling oil prices, repeal of Federal Income Tax credits for wind energy systems and the internal financial position of Control Data.

Wind Turbine Industries Corporation ("WTIC" or "Company") was incorporated on May 28, 1986 as a Minnesota corporation. Beginning in 1986 Wind Turbine Industries Corporation, owned and controlled by Archie Pavek, purchased all exclusive rights, title and interest in trademarks, patentable rights, trade secrets, technology, tooling, engineering and manufacturing drawings and all other documentation on the 10 thru 20kw wind generators, which include the Grid Intertie System and the Hybrid System.

Currently due the increase in energy costs the sales in wind energy has increased dramatically. Also the awareness of global warming, and the effect our current energy source has on our environment has greatly influenced the publics views on this type of alternative energy.

If you are interested in any other information on the Jacobs Wind System you can check out our website at www.windturbine.net or contact us at 952-447-6064.

MidSouth Minitrucks Imports Japanese Mini Trucks

ave you ever heard of the Japanese mini trucks? It seemed that no one in the United States knew about them when MidSouth Minitrucks LLC first started. They met with many Japanese companies in the beginning, and traveled to Japan in search of reliable sources. It took nearly a year to line up the source with the reliability MidSouth Minitrucks demanded for their customers.

MidSouth Minitrucks LLC has been importing mini trucks for over two years now. The popularity of these trucks has grown exponentially. They started out importing 1-2 containers a month, and with the growth in demand for these trucks, they now import 10 to 20 containers per month. They are very proud of their Japanese partners who have done an excellent job in supplying MidSouth with reliable trucks.

MidSouth Minitrucks LLC has a retail market in central Mississippi where they keep 12-20 trucks in stock year round, but they are now primarily wholesalers and sell container loads to businesses, ranches, parks, hunting clubs, catfish farms, airports etc. MidSouth Minitrucks can have the containers shipped directly from Japan to your door. They can also wholesale from their lot if you do not want an entire container load, so be sure to ask them about their wholesale pricing.

For more information, you can visit their website at www.midsouthminitrucks.com, email them at midsouthmini@aol.com, call them at (601) 919-6365 or (662) 310-0623, or write to them at MidSouth Minitrucks LLC, PO BOX 632, Winona, MS 38967.

ADS BULK SEED BUGGY

Wireless Variable Speed Throttle Control

ew for '07-'08 ADS Bulk Seed Buggy has developed the wireless variable speed throttle control. This system eliminates the wiring and coil cord that previously was used on the auger and telescoping spout. The new control also allows you to operate the seed tender at any desired speed. The new throttle control is combined with the galvanized con-

struction, Honda gas engine, torsion axles and Lundell polycup auger. Ag Dryer Services, Inc., Elm Creek, NE, has been manufacturing the ADS Bulk Seed Buggy for the last 9 years. Models include 2 box, 3 box, 4 box, 100 unit bulk and 250 unit bulk. Factory direct sales has kept pricing very economical. Visit www.agdryer.com or call 1.800.657.2184 for information.





Save Money, Time and Hassle - Start Watering Your Livestock with Solar Powered Water Pumps

olar powered water pumping is nothing new to many farmers and ranchers. At Robison Solar we have been manufacturing and distributing solar water pumps and systems all over the world to agriculture producers for over 20 years. Every year more people are realizing how much sense using the power of the sun to produce electricity to run pumps in remote locations makes.

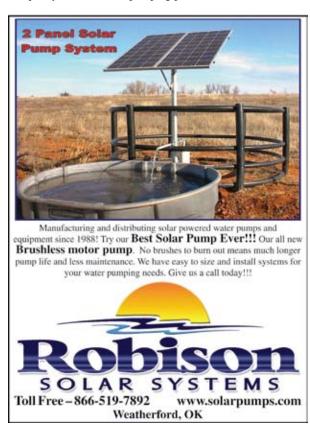
When it is extremely hot outside, and the sun is beating down on your live-stock, and there isn't a breath of air to make a windmill turn these pumps are at their best producing cool drinking water from wells. Solar pumps are also being used more all the time to pump water from ponds and creeks where livestock owners wish to keep their animals out of the water source.

There have been great improvements in the quality of solar water pumping products over the last several years. Robison Solar is constantly striving to create longer lasting, less maintenance systems for our customers. We are very excited to introduce our new Brushless Motor Pumps. With no brushes in the motor to burn out these pumps will far surpass what has been accepted as normal run time on previous pumps of this style. With brush type motors the average life expectancy was approximately five thousand hours, with the new Robison Solar Brushless Motors the average life expectancy is increased to twenty thousand hours. With such an impressive increase in run time we are sure to gain even greater satisfaction from our customers.

Quality is not the only area of improvement in the solar water pumping industry. There have been vast improvements on the depth that water can be pumped as well as the volume of water that can be moved using various styles of pumps. We at Robison Solar are striving to be your complete solar water pumping ex-



perts. We will try to find a solution to your water pumping needs no matter how remote your situation. Please give us a call today toll free at 866-519-7892 or find us on the web at www.solarpumps.com and let us show you why we have been an industry leader for over 20 years.





Rite Way Mfg.Co. Ltd.

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

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



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

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

Rite Way's large equipment has always been easy to fold into transport mode. Now, unfolding their equipment is even easier with its new FORWARD (patent pending) function that allows farmers to drive forward while unfolding equipment, making it practical to tow several pieces of equipment in tandem.

Rite Way prides itself in manufacturing equipment that's innovative, simply designed, durable and extremely effective. You can find out more about them by visiting www.ritewaymfg.com



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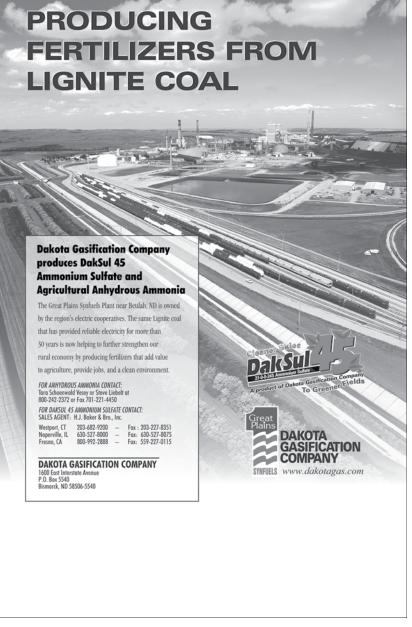
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C&R Supply, Inc. • Birth Of A Sprayer

fter carefully listening to customers who were disappointed with the performance or lack of features in ATV sprayers available, C&R Supply set out to design a series of sprayer to meet their needs.

"Instead of taking an off the shelf tank and attaching features, we needed to get all the input we could from customers and ATV manufacturers", said product manager Dusty Miller. "With

a good vision of what features and options were required, it became obvious that a completely new tank design was needed".

The EZ ATV Sprayer was designed with the operator in mind for ease of operation and functional ability and safety. With the sleek design brings the weight forward and more to a center of gravity for better machine balance. Allowing the legs of the tank to wrap around the fenders of the ATV gives the sprayer dual sumps to give maximum drainage and the ability to



Spray 30 feet wide with no boom

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- Durable

Efficient



- 4gpm Shurflo Pump
- Controls at your side for easy and safe operation
- Quality Tee-jet trigger
- Dual sumps and baffle

FEATURES:

- Center of gravity low and forward
- handgun

HERRS

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run on side hills without losing its prime. The pump, strainer, and main shut-off are mounted underneath the tank in a protected cavity, which also serves as a dual slosh baffle. The top of the tank is designed with a fill catch area to prevent chemical from getting on the operator. The EZ is fitted with a 4 gpm Shurflo Pump and a quality Tee-Jet trigger style handgun in the convenient control panel at your side. All brackets and boomless nozzle or boom accessories are attached to the tank for quick and easy mounting. The EZ ATV Sprayer has several different options and accessories to meet your requirements and needs.

C&R Supply, Inc. is a distributor and manufacturer of agricultural and roadside spray equipment located in Sioux Falls, South Dakota. For over 25 years, C&R Supply, Inc. has been a leader in the distribution and servicing of many quality products from Raven Industries, Spraying Systems, Banjo, and more. They also lead the way in designing and manufacturing new and advanced products such as their C&R Foam Marker, Spot Sprayer, and the EZ ATV Sprayer featured in this ad. C&R is a provider for precision ag products such as GPS guidance systems, variable rate controllers, mapping, steering assist systems, and chemical injection units. C&R prides themselves on the knowledge and experience that is required to keep up with today's technology.

beef - dairy

J & B LOWLINES Lowlines Look to the Future

Let ver since Lowlines were introduced to this country back in the 1990's, commercial cattle ranchers have been quick to disregard them, or worse, label them as a 'hobby breed'. Although this is still the prevailing at-



titude, we believe that the first winds of change may be starting to blow. The beef industry appears to be in for some major changes in the coming years and it's beginning to look like Lowlines will be riding the crest of that change.

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

With the continually skyrocketing price of fuel and fuel byproducts, every beef producer is going to have to take a good hard look at what it's costing them to get their cattle market ready. Grain costs are also rising, and with the stampede towards biofuels, these costs can only get higher. Again, Lowlines are ready

to mitigate this problem; these animals are perfect for grass fed operations, they were designed to gain weight quickly and marble nicely on an exclusive grass diet cutting out the cost of grain and other supplements for finishing.



For those producers who are looking to downsize their animals, switch to grass fed operations, and generally produce a more efficient animal, Lowlines are the answer. By using a Lowline bull on existing commercial cows, downsizing and more efficient forage conversion is assured. There's also the advantage of using a Lowline bull as a heifer bull;

smaller calves mean fewer first time calving problems. If you're wondering if a bull who only stands 40 inches tall can get the job done, stop wondering – most emphatically: yes he can, without a doubt. It's been working quite well in



our operation.

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



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



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

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

QuickHit is based upon an exclusive low pH technology. A low pH base product is combined with copper, zinc and surfactant to produce a highly effective solution. Rapid results are achieved with the low pH of the product plus the benefits of the copper and zinc as well as the increased exposure time with the aid of the surfactant. Field results by producers have shown the product to be as effective as antibiotics without the risks associated with antibiotics.

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

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

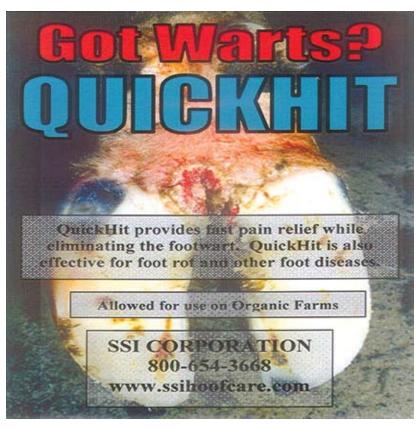
Do this two milkings per day, morning and evening milkings. You should notice significant improvement in the animal's gait within 24 hours. For severe cases, a lesion that is quarter sized or larger, wrapping may be necessary for the most rapid control. Simply soak

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

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

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

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





JANSSEN RED ANGUS

"Seedstock Producers with a Commercial Focus"

anssen Red Angus is focused on the needs of our commercial cattlemen. A background raising commercials cattle has developed our goals for producing seedstock. The important traits are the ones that make you money. These are not only based on performance but also what we call convenience traits.



Using Red Angus cattle in our breeding program has been the best thing that has happened to our cow herd. We not only found an honest breed of cattle but an opportunity for our family to expand our business.

Balanced breeding stock is the goal of our operation. Calving ease, mothering ability and fertility are important traits in a



cow-calf operation. Feedlot performance and carcass quality are areas we have experienced in our commercial cows by retaining ownership of steers through the feedlot to the packer.

We prefer private treaty for selling our bulls. It lets us know our customers better and give a personal touch to this business.

When you don't want the excitement of an auction, remember Janssen Red Angus. "Seedstock Producers with a Commercial Focus". Janssen Red Angus, 1825 Ave. X, Geneseo, KS, 67444 or 620-824-6426





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- "Seedstock Producers With A Commercial Focus"

Morning Star Enterprises

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



We started building our first side dump trailer in the winter of 2000. It was a design that has been around for many years. With the needs of the farmer ever growing and the size of most farming operations expanding, we saw the need to design and build a larger and more capable side dump trailer. A design that

Industries. It features an oversized Tub design that allows the farmer to move more commodities, quickly and efficiently! It is built on a triple I-beam chassis that can withstand any load that the customer may want to haul. Depending on the model, all chassis' are balanced on either a two or three fixed axle design. All TubStars come with super single 445 tires, more than capable of handling the weight. They feature two single stage, double acting hydraulic cylinders that are actuated to dump and also to retract. All welded construction, all hinge points are greaseable. They come with either a ring eye hitch or a double tongue hitch assembly, jack stand, all hydraulic hoses and connects. When you purchase the TubStar it is ready to go to work for you! Most all customers that have purchased and integrated the Side Dump trailer into their day to day operations, have wondered how they got along without one. These trailers save time and money by allowing the customer to move more product to and from around their farms.

also hold more weight.

older style trailer.

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

would hold not only a wider range of commodities but would

In the winter of 2007, we built our first TubStar side dump

trailer. It has a larger cubic yard displacement than any competitor and is capable of lifting 3 times the weight of the

The TubStar is built especially for the Dairy and Farming

The TubStar is amazingly stable and will never tip over, even with the heaviest of loads. They come with a wide range of color choices built to last for years around the farm.

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

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

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

Dealer or distributor inquiries are welcome.



Mt. Ayr Vet Clinic & Vet Products

Vet's Product Fosters Togetherness In Cattle

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

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

"Calf Claim" has been used on foals and lambs, but is most successful with beef and dairy calves born under stress to first time mothers. When used routinely on calves that need pulled, it helps the cow or heifer to start licking. The product works best if the dam and baby are penned in a small area, about 10x15 feet, and sprinkle some "Calf Claim" then rub into its hair. It also helps to dampen the calf's back to make it stick. "Calf Claim" is bottled in five-ounce plastic containers and distributed for sale by veterinarians and veterinary suppliers across the Unites States and Canada. It sells for around \$12 a bottle and is good for up to 10-12 calf situations. Demand is heaviest in the spring, although it has found favor with Western-fall calving herds.

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

History

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

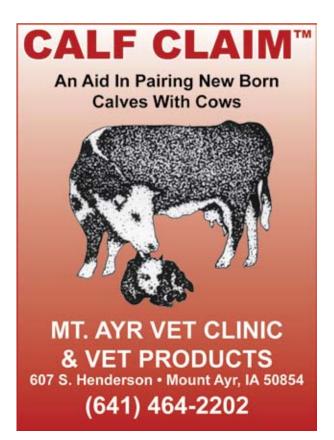
We are very proud of the article written about "Calf Claim" and the many letters received from people telling of their use of the product. However, nobody has ever asked about its history. "Calf Claim" is a formulation of a product worked up by Joe Graham, D.V.M. of Milo, Iowa. Dr. Graham has been practicing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

product one dose at a time, as there was a need for it.

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

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

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



Slaughter Inspection 101

INSPECTION BASICS

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

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

deal with plants that do not meet regulatory standards.

- * Slaughter facilities cannot operate if FSIS inspection personnel are not pres-
- * Only Federally inspected establishments can produce products that are destined to enter commerce.
- * To receive Federal inspection, an establishment must apply for and receive an official Grant of Inspection. To obtain this, an establishment must:

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

- * Plan; and Agree to abide by all FSIS regulations.
- * FSIS conducts carcass-by-carcass inspection at all federally inspected slaughter facilities and ensures that establishments follow all food safety and humane handling regulations.
- * FSIS inspection program personnel verify that the establishment maintains proper sanitation procedures; it follows its HACCP plan and complies with all FSIS regulations pertaining to slaughter and processing operations.
- * If the establishment fails to maintain sanitation, does not follow its HACCP plan or violates other regulations, FSIS inspection program personnel will issue a citation to the establishment in the form of a noncompliance record to document the noncompliance. If necessary, they could also take regulatory control action.
- * Livestock slaughter and processing establishments must maintain written procedures for removing, segregating and disposing of specified risk materials (SRMs) so they do not enter the food supply.
- * SRMs are high-risk tissues that pose the greatest risk of exposure to bovine spongiform encephalopathy (also known as BSE or "mad cow disease").
- * Some examples of SRMs are the brain, skull, eyes, trigeminal ganglia, spinal cord, vertebral column, and dorsal root ganglia of cattle 30 months of age and older; the tonsils of all cattle; and the distal ileum of all cattle.

Article courtesy: USDA.gov

AZTEX GRAVEL & CONSTRUCTION

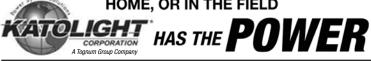


"WE WORK ON THE LEVEL" **DAIRY SITES & PONDS**

- EXCAVATING & GRADING
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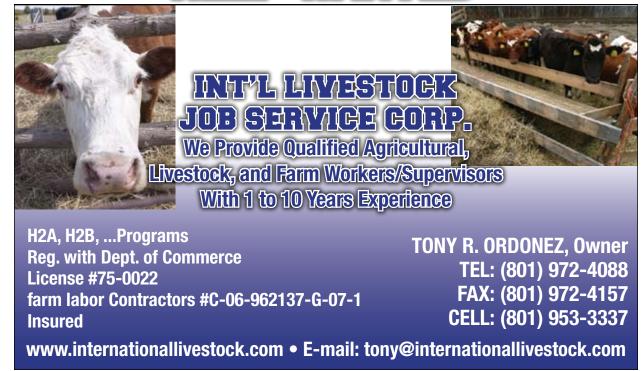


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HELP WANTED



equine

IDAHO HORSE EXPO 2008

"Come Ride With Us"

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

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

Stallions of Parade.

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

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

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

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

If you love the Western lifestyle, this is the place for you! The Expo will be open on Friday 12-9, Saturday 9-9 and Sunday 9-5. Admission is \$10. for adults and \$5. for kids and seniors. For more information, please visit: www.idahohorsecouncil.com or call 2 08-465-5477.

The Idaho Youth Horse Council

By: Faye Yoctorowic, President

he I Y H C is an organization to advise and promote the youth horse development in the state of Idaho.

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

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

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

We work together with a large group of

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

With Sponsorship from the I H C we hold District and State contests for the following.

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

This year the public speaking, oral

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

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

2008 National Clydesdale Sale

April 25th & 26th, 2008

RELOCATED TO THE ALLIANT ENERGY CENTER - MADISON, WI

Sponsored by the Clydesdale Breeders of the U.S.A.

Make sure to check out the schedule & mark your calendars so you won't miss a single event! The National Clydesdale Sale is the largest offering of Clydesdale Horses in the world! This sale is the only annual breed association sponsored sale in the industry! Vendors will be open during the entire course of events selling horse tack, equipment, feed, jewelry, art, and much more!



Schedule of Events at 2008 National Sale & Annual Meeting:

Thursday, April 24, 2008 - A breakfast will be held at the Fairgrounds, open to all who wish to attend. Following the breakfast will be Free Educational Seminars, also open to all who wish to attend. More Seminar information can be obtained through the Clydesdale Breeders Office. In the afternoon, a voluntary halter show of sale horses will begin. Immediately following the halter show, a hitching preview of sale horses will be held. Final times and locations of events are available on the Clydesdale Breeders website or through the Clydesdale Office.

Friday, April 25, 2008 – The day starts off with a mandatory preview of the sale horses, allowing potential buyers another chance to review their selections. Beginning at 12:00 noon, the Geldings will be sold, and possible yearling stallions if time allows. Then at 6:00 p.m., join the membership and guests at the Crowne Plaza for a delicious banquet followed by the Annual Meeting of the Clydesdale Breeders of the U.S.A.

Saturday, April 26, 2008 - The National Clydesdale Sale begins, with the sale of Stallions and Mares. With over 200 horses entered, this is the largest offering of purebred Clydesdales in the world!

Catalogs for this sale will be available by mid-March from the Clydesdale Association office for \$5.00 (free to active members of the CBUSA), and will list all horses consigned to our sale. The Clydesdale Education Foundation will also be holding its Annual Silent Auction where successful bidders will take home unique and useful Clydesdale related items.

***** Win a Registered Clydesdale Filly *****

There will again be a raffle for a fine registered yearling Clydesdale filly to be given away on Saturday, April 28, 2007, at the National Sale. The winner can either keep the filly or put her through the Sale as his or her own horse. Tickets are available now at \$1.00 each or \$5.00 for a book of six tickets. **You need not be present to win.**

The 2008 Clydesdale News is available now for \$15 (\$20 out of country)

For information on the Clydesdale Breed, National Sale or Sale Catalog, Clydesdale Store Items, Clydesdale Publications, raffle tickets, or other information, contact:

Clydesdale Breeders of the U.S.A., 17346 Kelley Rd., Pecatonica, IL 61063 - Phone: 815-247-8780 - Fax: 815-247-8337 e-mail: secretary@clydesusa.com or see our Web Page at: www.clydesusa.com

The Clydesdale Breeders Association of the U.S.A. is open to all people interested in the well being and advancement of the breed and has a membership reaching into the four corners of the country. Its purpose is the collection, revision, preservation, and publication of the history and pedigrees of purebred Clydesdale horses.

The Clydesdale Breeders of the U.S.A. announce.....



2008 NATIONAL CLYDESDALE SALE APRIL 25th & 26th, 2008 ALLIANT ENERGY CENTER – MADISON, WI

This is the largest offering of purebred Clydesdale horses for auction in the world! Catalogs available for \$5.00

WIN A CLYDESDALE FILLY

Drawing held at National Sale - need not be present to win -Tickets \$1 each or 6 for \$5

For schedule of events, breed information, sale catalog, or raffle tickets contact:

> Clydesdale Breeders of the U.S.A. 17346 Kelley Rd.: Pecatonica, IL. 61063 Phone: 815-247-8780 - Fax: 815-247-8337 web site: www.clydesusa.com email: secretary@clydesusa.com

For information contact the Clydesdale Office!

The Appaloosa Museum

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

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

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

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



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

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

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

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

- Early evidence of the spotted horse around the world
- Native American artifacts
- Early settler & Cowboy artifacts
- Appaloosas in the media and pop culture
- Appaloosa Horse Club memorabilia and history
- Horse show, rodeo, and race artifacts
- Children's hands-on learning area
- Live Appaloosa exhibit (May October)
- Extensive Library and Archive
 The Appaloosa Museum is located at
 2720 West Pullman Road, Moscow,
 Idaho ~ at the Idaho-Washington border.
 (208) 882-5578 ext. 279

Stallions on Parade

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

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

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

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

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

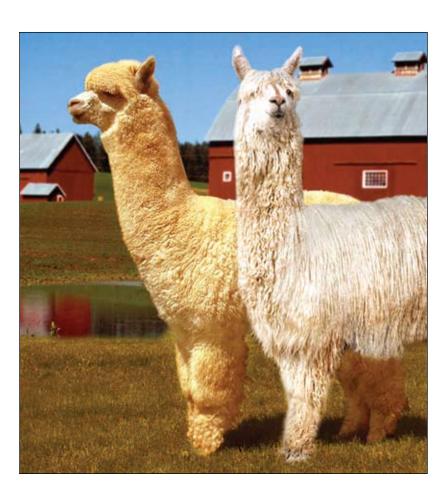
alpaca - Ilama

Alpacas Produce World-Class, Luxurious Fiber

ith the steady growth of the alpaca breeding industry in North America, the demand for alpaca fiber and garments steadily grows, too. The unique qualities of alpaca fiber make it both luxurious and practical.

Alpaca fiber is lighter than cashmere, while being stronger, warmer and more durable than wool. Making it even more desirable, alpaca contains no lanolin, thus making it hypoallergenic. People whose skin is extra-sensitive to wool's itchy and scratchy feel often choose alpaca fiber instead. Unlike wool, alpaca fiber has unique scales on its shaft, making it lie down flat on each follicle. The itchy prickle, common to other natural fibers, is avoided. This unique design also prevents the fleece from holding animal dander, a major contributor to allergic reactions. Alpaca fiber is also naturally water repellant, tremendously strong and resilient.

Two distinct alpaca breeds create two types of fiber. Huacaya (wa-Ki'-ah) alpacas are fluffy and grow soft, spongy fiber. Huacayas have a corrugated crimp that holds the finished yarn together. Once spun, this dense fleece makes a very soft, yet durable, string. Huacaya fiber is commonly used in knit and crochet applications, but can also be used to fashion felt or quilt batting. The Suri (surrey) has the same body structure as the huacaya but its fleece



grows as long, silky locks. Suri fiber is smooth, shiny and has no crimp. Suri fiber grows to great lengths, creating majestic waves, swirling about the alpaca's body as it moves. When processed, suri is commonly used in fabric or woven applications, utilizing

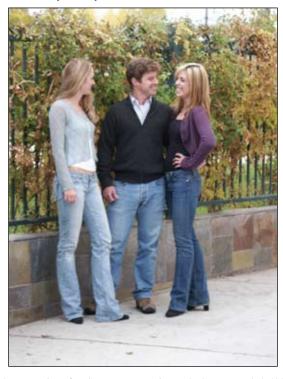
the weft and warp of a loom to hold the fibers in place. The most prominent Italian suits are crafted from suri alpaca fleece.

The softness of alpaca fiber is a result of a fine fiber diameter, which can be measured on a micron scale. A human

Western Farm, Ranch and Dairy • 33

hair has a micron level of about 100 whereas alpaca can range from sixteen microns, in the form of Royal Baby Al-

United States in 1984. Since then, the alpaca industry has grown steadily. Current estimates total over 100,000



paca, through the twenties, for Superfine Alpaca. Micron levels determine the nature of the finished products. Baby Alpaca and low micron fibers are used to create finished goods worn next to the skin, for a sublimely soft and luxurious feel. Higher micron fibers create finished goods too, but typically produce outerwear and apparel that can be layered. The benefits of warmth and durability, however, remain. Course fibers, not suited to wear next to the body, have many applications. Course fibers can be felted, used as lining between other fabrics, or can create the most exclusive rugs.

In today's marketplace, alpaca is used to create long-lasting fashions that are both useful and desirable. Alpaca fashions are present in some of the most prominent stores and catalogs throughout the United States and elsewhere around the world. Furthermore, its use by prominent designers is increasing, as those designers recognize the many positive attributes of alpaca. Wholesale distributors provide convenient opportunities for retail buying agents to add the latest alpaca fashions to their store inventories.

Alpacas were first imported into the

registered alpacas and 4,500 members of the Alpaca Owners and Breeders Association (AOBA), who represent breeders in North America.

The reasons to raise alpacas are plenty. People choose to raise alpacas because they are beautiful, intelligent animals. They are relatively easy to raise and require minimal acreage. They offer a rewarding lifestyle and business opportunity. More people who already own livestock such as cattle and horses

ers and generally weigh between 150 and 200 pounds. They do not have horns, hooves, claws or incisors. Social animals that seek companionship, alpacas communicate most commonly by humming. Neck posturing, head tilting and ear and tail positioning are other communication methods.

Unlike some other livestock, alpacas are not killed to be profitable. Alpacas are shorn every year. Most breeders shear in the spring. Shorn with sharp, well-oiled sheep's clippers, alpacas can stand upright or be laid down and stretched out. One shearing, typically ten to fifteen minutes per animal, produces approximately five to ten pounds of fiber. Variables such as age, genetics, environment and nutrition all influence fiber production.

After alpacas are shorn, there are several options to process the fiber. Both the United States and Canada process alpaca fiber in small and medium-sized lots. One advantage of sending fiber to these mills is that when the yarn is returned, the specific product of a specific alpaca can easily be identified. This is a strong selling point in the cottage industry. An alternative to this is to send the alpaca fiber to a regional or national co-op. Co-ops pool fleeces and collectively manufacture sweaters, hats, scarves, gloves, socks, and other items for wholesale and retail distribution.

Alpaca owners and breeders continue to develop and improve their herds. They genetically select the most productive animals to produce the best quality fiber. The best way to learn more about alpacas is to visit an alpaca farm



are discovering and capitalizing on alpacas' breadth of appeal.

Alert and curious, adult alpacas stand at approximately 36 inches at the withor ranch. For more information, go to www.alpacainfo.com or call the Alpaca Owners and Breeders Association office at 615-834-4195.

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Fast, Safe, and Accurate Ultrasonic Pregnancy Tester for Hogs, Sheep, Alpacas, Llamas and more.

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Ultrasonic Pregnancy detection with the RENCO PREG-TONE is now a proven and accepted herd management technique. Among the numerous benefits are the following:

- Identification of feed-wasting non producers.
- Confirmation of pregnancy in animals purchased or sold.
- Savings resulting from increase in overall operating efficiency, permitting more efficient use of expensive farrowing installations.

The patented PREG-TONE uses high frequency sound waves called ultrasound to detect amniotic fluid present during pregnancy. When this fluid is detected, the instrument produces a loud continuous tone. When used on an animal which is not pregnant, the instrument produces an intermittent tone. The intermittent tone also indicates that

good skin contact is being made.

No guessing and no question. Clinically proven 100% accurate on normal sows, 97% accurate on ewes.

The RENCO PREG-TONE has been tested against other ultrasound instruments by leading universities throughout the world. Their studies show the PREG-TONE as the superior instrument in both accuracy and ease of use (studies available upon request).

Testing may begin as early as 18 days with swine (large litters, 11-12 piglets). Open sows can be diagnosed as early as 30 days. Normal testing time in sows and gilts is 30-73 days.

Pregnancy testing in ewes can begin as early as 30 days, with positive diagnosis made by 45 days. Normal testing time in ewes is 30-120 days. Testing on large New Zealand White rabbits can begin at 10 days.

Loud, easy to hear tones.

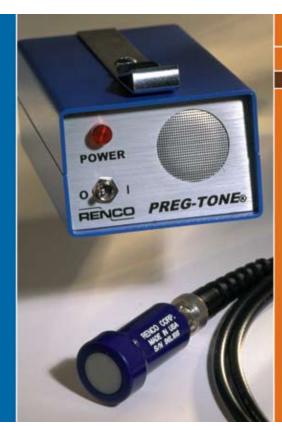
During testing, no lights are used, no buttons are pushed, thus attention is not diverted from the animal. A short intermittent tone indicates good contact, while a loud continuous tone indicates pregnancy. Since the PREG-TONE uses only loud easy to hear tones to indicate both pregnancy and non pregnancy, it can be clipped on the belt or kept in a pocket. The PREG-TONE does not need to be seen or held during testing.

Rechargeable NiMH batteries (NEW). Low battery indication.

Specially chosen by Renco Corporation to assure long life, the battery pack will last for years and give many hours of testing on one overnight charge. Renco's own unique circuitry causes the PREG-TONE to turn itself off when the battery needs recharging, assuring the user against erroneous readings due to insufficient power. Battery charger is included.

Rugged all-metal construction... Small enough to slip in your pocket.

All-metal construction guarantees against interference by radio waves in the atmosphere, a major accuracy problem with some ultrasound instruments. Constructed of heavy gauge aluminum for ruggedness and ease of cleaning, the RENCO PREG-TONE is still lightweight and small enough to slip in your pocket. Contact us today!



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The Preg-Tone is not a new instrument. In fact, it has been the largest selling pregnancy detector for swine for 25 years. (With proper calibration, it can also be used with most mammals weighing roughly 40 lbs, or more. A special version can be provided for many smaller mammals weighing 8 to 40 lbs.)

- > Economical to purchase, use, and maintain,
- > For most mammals, testing can begin at 30-40 days gestation.
- > Easy to learn to use.
- The only ultrasonic pregnancy detector on the market having rugged all-metal construction. Compact, durable and weighs only a few ounces.
- > Nickel metal hydride rechargeable battery.
- > Two-year limited U.S. warranty.

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goat - sheep

Agriventure/IAEA

Written by Erika Scharfen

Idefinitely didn't grow up thinking I'd want to spend my life working with goats. I didn't really care for them one way or the other come to think of it, having only been exposed to the occasional pygmy goats and swaybacked hubians one often finds in petting zoos. Yet I certainly want to spend the rest of my life working with goats now, and have been hard at it for the past five years... so what changed?

The first step came through a stroke of luck when as a freshman in Animal Science at the University of California, Davis, I began working at the Goat Teaching and Research Facility. The animals themselves quickly won me over, for it was here that I first made the acquaintance of the angular and stylish dairy goat. In addition to working as a student milker and getting myself in up to my elbows (literally) during kidding season, I found myself among the group of students who comprised the UC Davis Goat Show team, tagging along on visits to local breeders, and volunteering during industry training sessions in animal evaluation and judging. Thus developed my appreciation for both the animals and the industry, and I found myself envisioning means of working raising dairy goats into a career. I decided that cheese making was the solution, and therefore with that as my goal, the logical destination was France, the country of cheese. I contacted the international work exchange program Agriventure, which found me a host site with a farmstead goat cheese maker and helped me through the process of applying for a work visa.

I spent one year living in the rural vil-

lage of La Peyratte in the western part of France. The farm's primary source of income is its' goat cheese; winner of multiple medals, including gold, in national competition. Behind the success of this cheese are the skill and craftsmanship of Maryline Guilloteau and the rich milk other herd of Poitevine goats.



I found myself integrated into farm life and the community surprisingly fast, and the daily routine of twice a day milking and cheese making was labor intensive but' fulfilling. I was even given the opportunity to visit several neighboring goat dairies where I witnessed every extreme in goat dairying from animals kept on pasture with hand-milking to vast barns filled with goats with automated rotating parlors. The farm in La Peyratte fell in the middle, with animals pastured during the day but housed in-

side overnight. Surprisingly I found myself using the same milking system I'd been trained on at Davis which made me feel almost immediately at home. As my comfort with the language and culture increased, I found myself exploring even farther, talking to cheese makers wherever I traveled and always tasting new and more complex cheeses, searching for inspiration. I even had the opportunity to attend the International Cheese and Dairy Products Exposition held in Paris where I was introduced to some of the top producers and sellers in the nation.

Ten months into my stay I took the reigns of the entire cheese making operation for three weeks while Maryline left the country to visit trainees from previous years in Quebec. The responsibility was daunting, especially after having spent the last ten months learning how complex and delicate cheese making can be. After three weeks without customers being able to detect that the head cheese maker was out, I felt the relief and satisfaction of knowing that I had truly found my calling.

The hardest part of my training program was finally leaving it behind. I had spent a year living and working with the family Guilloteau, joined the local theater group in its annual production, traveled to nearly every comer of France in a way that no tourist ever could, and had become so fluent in my use of everyday French that strangers couldn't place my origins. It has been by far the most rewarding experience of my life to date.

For more information on Agriventure call toll free 1-800-263-1827 or visit www.agriventure.com

Funds Available to Help Sheep & Goat Industries

ince 1999, the National Livestock Producers Association's Sheep & Goat Fund has helped a variety of innovative projects come to fruition. Currently the Fund has \$9.4 million in loan commitments with 45 loans to 33 entities in 21 states. The Fund Committee continuously reviews applications that serve the goals of this program.

"Most recently the Fund has been used to help establish a livestock merchandising center, expand several goat dairies, build a consolidated goat association, develop a sheep meat supplier, and create a weed control and fire protection program using sheep," Richard Drake, chairman of the NLPA Sheep & Goat Fund Committee said. "Our loan program is unique in its ability to evaluate

each applicant's specific needs and create a flexible financing plan. We also offer a very competitive interest rate, currently 5.75 percent."

The Sheep & Goat Fund was established in 1999 when an agreement was signed between the National Sheep Industry Improvement Center (Sheep Center) and the NLPA that enables Sheep Center funds to be used in the sheep and goat industries through a revolving loan program. The NLPA Sheep & Goat Fund is used exclusively for loans with the following goals:

- To make capital available for enhancing business methods and services.
- To improve marketing efficiency and product quality.
- To promote coordination and coop-

eration within the industry.

• To create opportunities for adding value to sheep and goat products.

According to the terms of the agreement the Sheep and Goat Fund Committee, which consists of members of NLPA and representatives of the sheep and goat industries, is responsible for the oversight of Fund. The Committee regularly reviews applications and is only allowed to consider loans up to \$1 million that are submitted by eligible entities (sole proprietors are not eligible as written into the legislation that established the Sheep Center).

For more information or an application please contact the National Livestock Producers Association at 1-800-237-7193 or visit www.SheepandGoatFund.com.

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For cost and details contact:

AGRIVENTURE/IAEA (800) 263-1827 www.agriventure.com

Sheep jerky? Goatskin handbags?

Get a Loan to Develop Your Idea Through the NLPA

The National Livestock Producers Association (NLPA) has money available in its Sheep & Goat Fund to loan to industry participants to strengthen and enhance the sheep and goat industries. For more information, go to www.SheepandGoatFund.com or call 1-800-237-7193.

Get the money you need for your sheep and goat projects from the National Livestock Producers Association today.





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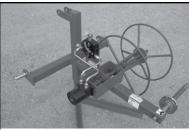
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agriculture



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advertisers index

ADVERTISER

PAGE

AC Tractor Salvage 39	Janssen Red Angus25
Ag Dryer Services, Inc	Kahn Steel Co
Ag Pro Tech 10	Katolight Corp28
Agricultural Engineering Associates 10	Kuhns Mfg17
Agway Manufacturing Inc 40	Land Luvr Systems 7
American Agra Curtains Inc16	Liberty Companies24
Art's Way Manufacturing Co Inc 5	Load Line Mfg38
Aztex Gravel & Construction 28	Lone Star Enterprises Inc
Butterfly Supply39	Meyer's Equipment Mfg. Corp 3
C & R Supply22	Midsouth Minitrucks, LLC 19
Clydesdale Breeders of the U.S.A 31	Morning Star Enterprises26
Colfax Tractor Parts Inc	Mt. Ayr Vet Clinic & Vet Products 27
Comfort Seat 13	National Livestock
Common Sense Mfg 38	Producers Association 37
Dakota Gasification Co21	Newman Assoc 38
Doyle's Thornless Blackberry Inc 11	NorthWestern Energy8
Eco Advisors 16	Outdoorsinsurance.com Inc 12
Egbers Flighting & Supply 6	Pivotrac.com 15
Frey Industries 2	Renco Corporation 35
Grain Handler USA 8	Richard Cox Mfg. Co25
H & M Gopher Control15	Rite Way Mfg. Co LTD20
Herrs Machine 22	Robison Solar Systems20
Horst Welding 2	Rupiper Travel & Tours7
I.A.E.A	S & S Wood Products, Inc 6
International Livestock	Sprayer Specialties Inc 5
Job Service Corp29	SSI Corporation24

ADVERTISER

PAGE

Stampede Steel29
Steve's Welding & Repair 9
Strat-O-Span Buildings Inc38
T.I. Thomson Ind. Inc 17
Tarps Unlimited 9
Texas Fence Fixer21
Tube-Line Manufacturing Inc40
United Country Real Estate 39
URAM Fertilizer Synergy15
Varmitgetter, LLC 9
Wind Turbine Industries Corp18
World Wide Tractor Parts38

PAGE

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