

Western Farm, Ranch & Dairy Magazine

The vital resource of the Ag Industry

Southwest / Rocky Mtn. • summer-fall edition 2008

Arizona / California / Colorado / Montana / Nevada / New Mexico / Utah / Wyoming

**It's Not Just Cows We Keep Employed
Dairy Farmers Bring More
than Just Milk to the Table**

**New Mexico Rancher
Combines Renewable
Energy with Tradition**

**AnBo's rakes designed to help
farmers move waste**

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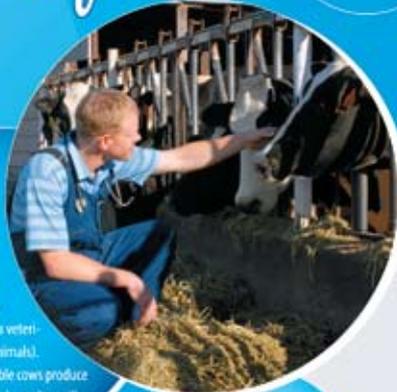
Go with the flow.



1

Farmers Who Care

Delicious dairy products start with dairy farmers who take good care of their cows and their land.



2

Focus on Animal Health

Dairy cows eat grass, hay and grain, and they have regular check-ups with a veterinarian (a doctor for animals). Healthy, comfortable cows produce nutritious, high-quality milk.



4

Milk Storage

Milk is pumped into a large storage tank on the farm and cooled to keep it fresh. It is tested to make sure it is safe, pure and wholesome.



3

Technology

Cows are milked at least twice a day by machine. From the cow to you, milk is never touched by human hands.

5

Delivered Fresh

Cold, fresh milk is driven from the farm to the processing plant every day or two in a cold tanker truck. When it leaves the farm, the truck is sealed — another step to assure milk's safety.



7

Wholesome and Good

At the processing plant, milk is pasteurized. Pasteurization is a heat treatment to kill germs and make milk safe. Then the milk is ready to be put into plastic bottles or other containers, or made into cheese, yogurt and other dairy products.



6

Tested for Quality

Milk must pass many tests again at the processing plant to ensure quality and safety.



8

3-A-Day[®] of Dairy

Enjoy three servings of low-fat or fat-free milk, cheese or yogurt every day as part of a healthy diet. At school, in restaurants or on the go, dairy products offer a delicious way to better health.



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contents



Page 9



Page 13



Page 19



On The Cover

Holstein and Jersey crossbreeds.

Photo by: Bob Nichols, courtesy of: USDA.gov

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Agriculture

One-Call of Wyoming	6
New Mexico Rancher Combines Renewable Energy with Tradition	7
New Mexico Boys and Girls Ranches	8
Watchman Agri Supply Makes Equipment To LAST!	9
Egbers on Super Edge	10
"OUCH!!!"- Stepped on a Goathead Lately???	11
Congress Should Act Quickly To Extend the Wind Energy Production Tax Incentive	12
MIL-Stak Mid-Size Bale Loaders Fast, Simple, Affordable	13

Goat-Sheep

Roswell Wool	17
--------------------	----

Beef-Dairy

It's Not Just Cows We Keep Employed	18
Farmers Offering SEA-90™ to Dairy Cows Report 100,000-350,000 Point Drops in Somatic Cell Counts	19
From Milk Shakes to Double Nonfat Lattes	20
Winkler Canvas Ltd.	21

Departments

Publisher Information	5
Marketplace	22
Advertiser Index	23

Equipment

Midsouth Minitrucks Imports Japanese Mini Trucks	14
Kromann & Co. Offers GPS Leveling	15
AnBo's Rakes Designed to Help Farmers Move Waste	16

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One-Call of Wyoming

In the beginning, Wyoming had several county and regional one-call centers run by a number of coordinating councils serving the State of Wyoming. Many of the centers had been in existence for over 20 years with a loyal following. New federal legislation concerning DOT regulated utilities brought a one-call system issue to the forefront. Contractors had to call a separate number in each county they were working in creating confusion. Underground facility owners with facilities all across the state had to belong to every call center where they had facilities, often requiring them to belong to a number of centers. In 1977 a coalition effort was launched to try to meet the new DOT requirements, and simplify things for the underground facilities owners.

The coordinating councils realized the validity of some of the concerns of the wide area underground facility owners and started to coordinate their efforts in a statewide approach. A statewide toll free number was set up so the contractors only had to call one number. They would then listen to a recording of the counties and press the appropriate number for the county they were digging in. This is the period when the coun-

cils joined to form Wyoming Association of Local Utility Coordinating Councils (WALUCC), also doing business as Call Before You Dig (CBYD). At this time there was also some animosity established between the two groups. WALUCC had been in business for many years with happy members.

The creation of two statewide one-call centers was complete. This creation fractionalized the State. Many members in central and northeast Wyoming stayed with their local councils and WALUCC that supported their efforts. The southwest and southeastern portions of the state moved toward WOC's operation in Kansas. Most of the rest of the State was undecided and had utilities split between both groups.

In the early days of one call, almost every county had a call center. There was little sophisticated if any software associated with the center. When a locate request was received by the center it was distributed county wide, so there was no sort-



ing or mapping of locate requests. There was not a need for restricting the number of locates, because the numbers were small. The centers offered voice recording, computer tracking, and basic elements and requirements of a call center without the sophisticated software we now so commonly associate with call centers.

The Wyoming Legislature past a law that there would be one call center and one number. Board Members from both centers were on the Board for the new center and the name of the center would be One-Call of Wyoming. A Request for Proposal was submitted to interested vendors with One Call Systems, Inc., (OCS) out of Pittsburgh, PA, being chosen. The mapping is initiated in Pittsburgh. OCS opened an office in Casper, WY to receive locate requests for the entire State of Wyoming. Holidays and after hours the locates are received in Pittsburgh.

In 2005, the Federal government mandated a national N11 number for "call before you dig". FCC designated 811 as the number and it would be implemented by May 2007.

The 811 number will target diggers, professional excavators and do-it-yourself homeowners.

The 811 number is in service throughout most of the State. Submitted by One-Call of Wyoming's Administration Office
Locate Number 1-800-849-2476

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And LOOK **around**...



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We can get a little too comfortable with our work and equipment. Always keep at least a 10 foot circle of safety between you, your equipment, and overhead power lines.

NorthWestern
Energy

Delivering a Bright Future

New Mexico Rancher Combines Renewable Energy with Tradition

By: Janet Bridgers

Dan Flitner and his family have been ranching for four generations. Four years ago they moved from Wyoming to New Mexico to raise organic, grass-fed beef. They now have 75 head of cattle, and 30 quarter horses, on a property 35 miles east of Las Vegas, New Mexico.

"The property we purchased is off the power grid," said Flitner. "We looked at powering the house using a generator and diesel fuel, and even researched the cost of a power line, but renewable energy came out on top and we're very happy with the decision," he said.

"In fact," he added, "we're trying to improve our energy profile all the time and do more and more things, some new, some traditional."

Flitner described the family's thought process behind the design of the electrical system. "We designed a big system. We decided to spend extra on it because we want this to be a permanent residence. It's hard to live out here, and we

didn't want to be making huge sacrifices in terms of comfort and capability. We have a house, shop and office that all need to function to run the ranch."

"We have two kids and anticipated our needs becoming greater, not less, while the kids are growing up. We live fairly normally with a TV and a computer. We don't want for much," he confided.

The system that Flitner and his family installed is a 2.8kw photovoltaic electrical system, purchased through Energy Concepts, Las Vegas, NM, that charges batteries with a generator back-up for stormy days. According to Flitner, the generator probably runs 75 – 100 hours a year.

The solar system was installed after a complete remodel of the 50's-era ranch house. "We rewired and redid everything. We reinsulated the walls and ceiling, using conventional fiber batting. Then we blew insulation into the ceiling. It's very tight now. We also replaced all the windows and bought

energy-efficient appliances. Actually, it might have been cheaper in the long run to start from scratch, but I'm glad we didn't," he added.

In the near term, Flitner described the family's future plans to add an outdoor furnace for hot water and home heating that can run on wood, solar or propane. "We have a lot of pinon and juniper and lots of sun," he said. "And in another two or three years, we may add a wind turbine. Our water supply now comes from a traditional wind mill." The horses are part of the ranch's operations and Flitner is looking at acquiring a wagon for hauling. Flitner's Internet service comes via satellite, but his telephone is a land line—it's the only wire that connects to the house." So it's all a blend of new and traditional, but there isn't a decision that we make on the ranch that doesn't involve power decisions."

Contact: Janet Bridgers, 805 487 2999, janetmbridgers@yahoo.com 

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New Thinking

New Mexico Boys and Girls Ranches

Helping Children for 60 Years Without Government Funding

By: Mike Kull

The state of New Mexico and the West are known for many things. At the mention of the name some think of the majestic beauty of the landscape while others remember our magnificent art and cultural diversity. No description

of the people who live here don't seem to find this all that unusual. They seem to think this is the way it has always been and this is the way it is supposed to be. What very few of them know is that for years, people have traveled to The Ranches to see this unique phe-

ny program. Both of the latter are in Albuquerque.

Both Boys and Girls Ranch have schools on campus that have been specifically designed to get kids who are way behind their peers in school back to grade level. The children respond well to being involved with animals and a country lifestyle.

The people of New Mexico and surrounding states have donated enough to build all of these programs and provide their daily operating costs since 1944. We actually have donors who got involved when they lived in the West and have continued their support after moving somewhere else. They often tell me that a part of their heart will always be here.

Even though we are proud of what has been accomplished, we have some great plans to do more in the future. Since we do not believe in debt and do not want to take government funding, the only way this can happen is if more Americans catch the vision.

If you have a desire to really make a difference in the lives of children, consider joining us in this unique partnership. Your donations do not have to be large. Hundreds of our donors can only send a few dollars each month, but because of their numbers their collective impact is huge. Please join us. There is nothing better than knowing that you are making a life changing difference for a child or young person. People tell us all the time that it makes their lives so meaningful.

Tours are available at all of our facilities. For additional information please visit our web site at www.theranches.org or contact us at 1-800-660-0289.

There is no greater investment anyone can make than what you do for a child.



would be complete without mention of the wonderful people who love this land and make their home here. These same people should be famous for something else - their amazing generosity. Let me explain...

The New Mexico Boys and Girls Ranches (The Ranches) have been providing meaningful help to children and families for almost 60 years. What is so unusual about that you ask? There are programs for children scattered throughout this country.

The thing that makes The Ranches unique is the fact that we have done this without the sponsorship of a national organization or denomination, and without accepting government funding. We like to think that rugged self reliance is still alive and well in this part of the country. In fact, many

nomenon for themselves. Some have even tried to recreate it back in their home states. Unfortunately, I currently do not know of anyone who has succeeded. They eventually give up and start accepting government payments or sponsorship from a national organization, which brings me back to the uniqueness of the people who love the West.

Over the past 60 years. The Ranches have grown from a single Boys Ranch south of Belen, NM, to five separate but interrelated programs that are scattered throughout the state. In addition to Boys Ranch there is Girls Ranch near Santa Fe; Pippin Ranch near Clovis; Families for Children, our adoption and foster care program; and The New Mexico Family Connection, our family intervention and ther-

Wachtman Agri Supply Makes Equipment To LAST!

For the past 21 years, owner Loren Wachtman and his crew have been manufacturing and selling long-lasting, competitively priced plastic fertilizer augers for use with gravity wagons, trucks and planters.

“We offer fertilizer and seed handling auger systems, using plastic to reduce corrosion and maintenance,” Loren says.

And now, as part of their commitment to keep up with the latest trends in agriculture, they’re offering seed-fill systems for today’s new no-till grain drills which feature flexible, polypropylene bristle flighting to move soybeans and other fragile seeds quickly and easily while still maintaining high quality.

“We’re concerned about the quality and durability of our systems,” Loren says.

“Having grown up on a farm, I know the importance of high quality and durable equipment.”

Wachtman Agri Supply offers horizontal crossaugers for most popular 4- to

16-row planters and 15- and 20-foot grain drills; mounted truck and gravity wagon augers; and such accessories as 6-inch steel-core bristle flighting and 6-inch plastic flighting with a stainless-steel core.

Loren is especially proud of his new radius-track drill-fill auger.

On this unit, a single vertical auger is taken out of the transport cradle and the hopper is placed on the ground behind the center of the drill.

The upper portion of the auger is held in place by a trolley, which travels from side to side on a radius track that’s mounted behind the drill.

As the auger travels from side to side, the intake hopper remains in its original position on the ground.

This auger features PVC tubing, a plastic hopper and either steel-core bristle flighting or plastic cupped flighting. Loren’s Rust Evader Auger Systems have been formally recognized as Showstoppers at the National Farm Machinery



Show in Louisville.

Loren is planning a larger building in the near future to accommodate his growing business and he’s looking forward to offering new products for the constantly changing agricultural equipment market.

And while his business IS going strong, it’s not too big to care about the individual farmer.

“We feel we’re still small enough to provide our customers with personalized, helpful service,” he says. ☛



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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. 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.

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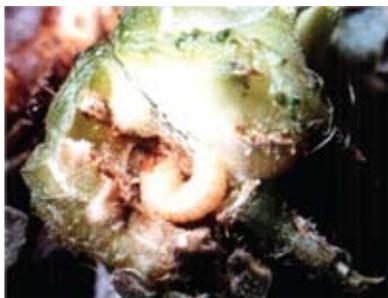
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Puncturevine Seed Weevil:
Microlarinus lareynii

eat any other plants; they won't harm children, pets, livestock, birds, or anything else. Eating Puncturevine is their whole mission in life.

Life Cycle: Females lay between

250-450 eggs per laying cycle. The time from egg, to an egg laying adult is about 25 days dependant upon heat units. 3-4 generations per season are typical.

Female Seed Weevils chew a small depression in the side of the green seed and deposit an egg. The egg hatches, and as a small larvae, burrow inside the seed, eating the viable portion from the center in the process. Larvae pupate within the seed and as adults, chew a small exit hole and emerge. Then the process repeats.

Puncturevine Weevils are not a quick fix. The thing to keep in mind is: Every seed a Puncturevine Weevil eats is a seed that can't sprout. We encourage using all available tools of control, including weevils, herbicides, pulling mature plants in high traffic areas, competition with other plants, shovels & hoe's, fire (where appropriate) to burn old seeds on the soil surface, etc.

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Congress Should Act Quickly To Extend the Wind Energy Production Tax Incentive

An Editorial Comment on Wind Energy Policy

By Dan McGuire, Chief Executive, American Corn Growers Foundation

Congress needs to make extending the renewable energy incentives a priority. In so doing they will be in step with the vast majority of the American public in acknowledging and endorsing wind energy's many benefits.

Wind Energy is Green Power: According to the U.S. Department of Energy and National Renewable Energy Laboratory (NREL) Wind Energy Benefits fact sheet www.nrel.gov/docs/fy05osti/37602.pdf, "Wind energy is clean energy that produces no emissions, which means it doesn't contribute to acid rain and snow, global climate change, smog, regional haze, mercury contamination, water withdrawal, and particulate-related health effects." Water use is also a critical issue for this country, especially in the Great Plains and the western U.S. NREL estimates that 4,000 Megawatts of wind energy results in 10.51 billion gallons of savings in water withdrawn and 6.31 billion gallons of savings in water consumed. An AP article, published January 23rd, reports that one nuclear plant in America's Southeastern region draws 33 million gallons of water a day, with 17 million gallons lost to evaporation in the cooling towers. And fossil/thermal plants don't operate 100 percent of the time either.

Savings on CO₂: The American Wind Energy Association estimated that 31 billion kWh of wind in 2007 would offset 19 million tons of CO₂ emitted vs.

that power being generated from the average U.S. electricity fuel mix according to the U.S. Energy Information Agency. A single 1 MW wind turbine displaces 1,800 tons of CO₂ annually.

Wind Energy vs. Other U.S. Energy Subsidies: Every energy technology is supported by the federal government. Wind energy is no exception, nor should it be. Federal energy subsidies in 2003 ranged from \$37 billion to \$64 billion, according to the National Commission on Energy Policy. Wind energy accounted for less than 1% of the total. Wind energy enhances national energy independence and promotes sustainable, rural economic development for America. Wind takes the pressure off natural gas prices, the largest cost in nitrogen fertilizer. So, no apologies needed for wind energy's minor subsidies.

Wildlife Habitat, Birds and Bats: Wind projects need not be sited on migratory bird flyways or in fact on large ranches intended for hunting or tourism. The wind industry is paying attention to those issues and is implementing strategies to mitigate them. According to a National Wind Coordinating Committee resource document, Avian Collisions with Wind Turbines: A Summary of Existing Studies and Comparisons to Other Sources of Avian Collision Mortality in the United States, "It is estimated that from 100 million to over 1 billion birds are killed annually in the United States due to collisions with human-made

structures, including vehicles, buildings and windows, power lines, communication towers, and wind turbines." Wind turbines accounted for only 10 to 40 thousand. The issue of wind turbines killing birds or bats, while taken seriously by the industry, is very minor and largely diversionary.

Wind energy works for rural economic development while saving precious water resources. Wind energy makes the U.S. more energy independent. On the CO₂ issue, a Feb. 4 Dow Jones article, Wall Street Shows Skepticism Over Coal, reports, "Three of Wall Street's biggest investment banks are set to announce today that they are imposing new environmental standards that will make it harder for companies to get financing to build coal-fired power plants in the U.S... The banks say they will encourage energy-efficiency and renewable-energy pushes before backing new coal plants." Rural America should also embrace the 20-percent Vision that the President mentioned in his State of The Union address a couple of years ago. The U.S. Dept. of Energy and National Renewable Energy Laboratory report, "20 percent energy from wind will require on the order of 2,750,000 full time employee job years over a 20 year project life." So, while fossil fuel interests may attack wind energy, as they have ethanol and biofuels, the American people are demanding Congress support wind energy with production incentives. 🗳️

MIL-STAK Mid-Size Bale Loaders

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MIL-STAK has taken great care to design a mid-size bale conversion that does not damage your New Holland bale wagon. Conceived and invented by a custom hay stacking operator, the goal was to design a fast, simple way to single-handedly load and stack mid-size bales with a New Holland bale wagon. Yet equally

challenging was to try to retain the ability to quickly switch back to small bale loading. In their Mid-Size Bale Loader, MIL-STAK has accomplished just that.

Now offering three models from which to choose, MIL-STAK is able to fit any size of operation, from the family farm to the large commercial operator.

- The model 1030-s is designed for 3x4

bales with the big operator in mind. It is extremely strong and built to withstand many hours of continuous use.

- The all new 1028-s model is designed for the 3x3 bales and is nonadjustable.
- The model 1032 is adjustable and able to handle the 3x3 and 3x4 bales with ease.

All three models are designed to easily switch to and from mid-size bale loading with a few bolts and hydraulic quick couplers. Everything is either bolted on or plugged in – there is no welding on your bale wagon and no wires cut. By utiliz-

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ing your bale wagon's existing controls, the operator can quickly and easily load a tight, uniform stack of mid-size bales. And with features like the Air Bag that virtually eliminates any side roll of the bale wagon, a specially designed Cushion Valve, which allows operators to gently place bales on a second table, and the second Table Booster that helps lift the extra weight of the mid-sized bales by lifting toward the front of the second table, which greatly reduces the stress on the pivot pins, the MIL-STAK Mid-Size Bale Loaders are not only a joy to work with, but will help keep your bale wagon around longer by lessening wear and tear. Add in the matching yellow and red paint job, and it's evident that MIL-STAK is the leader in quality and appearance.

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MidSouth Minitrucks Imports Japanese Mini Trucks

Have 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 Mid-South 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. Mid-South 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. 

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Kromann & Co. Offers GPS Leveling

Today, Agriculture demands improved productivity and efficiency. The name of the game is cutting costs, saving time, and ensuring the entire agricultural is more efficient and accountable is essential for farmers to compare both domestically and globally.

Kromann & Co. is in the business of helping farmers improve crop yields. But the benefits of the company's GPS Land Leveling system, doesn't stop there.

The precision of GPS land leveling leads to more uniform irrigation, more efficient field operations, improved drainage, weed suppression/control, crop uniformity and maturation, reduced water usage, increased land value and nutrient use efficiency.

Owner Rodney P. Kromann Jr. has over 27 years experience leveling ground, and with his GPS equipment can even level an existing orchard, and around trees or any building.

Based in Escalon, Calif. The centrally located company does work all over the San Joaquin Valley. Kromann is far distanced from his days working for a local rice farmer who, in 1978, hired a laser leveling company to level his field. The concept interested Kromann and he soon found himself working for the company part time, which lasted until 1977. That's when he bought two Case tractors, complete with scrapers and lasers, took on a partner and started his own company.

Kromann found that the surveyors he used were not always reliable, so in 1998, he bought a survey bike (quad) and the software to do it himself. Today he drives around clients' fields and, using his software, maps the boundaries, the acreage and the elevation. By putting that information into the computer program, he can show the farmer what the field currently looks like, how it should look based on what the field is used for, and how much dirt it needs to be moved. With this information, he can also tell the farmer how much it will cost.

Over the years Kromann & Company has added two ford TJ375's with laser

and GPS, 18-yard scrapers & auto steer (36 yards total when run in tandem), a Car D-8 Dozer & Ripper, a Cat 633-33 yard elevating scraper and a 4000-gallon Water Truck.

Positioning, wireless, and information technologies are changing the farmer relationship with the land., bringing them quite literally down to earth. Farmers

can now manage every aspect of a n agricultural operation to improve over all productivity and efficiency from planting to harvesting. Land leveling literally allows clients to work their land by the square foot instead of the square mile.

For more information, please call 1-209-838-7488, or email Rodney Kromann Jr. at rkromannco@yahoo.com. 📞

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If it has to do with dirt, give us a call!

Rodney P Kromann, Jr., owner of Kromann & Co., has over 27 years experience in leveling ground. With GPS equipment, they can even level an existing orchard, around the trees and any buildings.

Based in Escalon, CA, they are centrally located and do work all over the San Joaquin valley.

Their equipment consists of:

2 Ford TJ375 tractors with GPS & Laser, 18yd scrapers and auto steer; 2 Case tractors with laser scrapers, which they hook in tandem when the job calls for it; a Cat D-8 dozer & ripper, a Cat 633 – 33 yd elevating scraper and a 4000 gallon water truck.

AnBo's rakes designed to help farmers move waste

The hydraulic grapple rake, a versatile new tractor/loader attachment, is giving farmers and ranchers greater control and efficiency in cleaning up, moving, loading, and stacking tasks.

While the dirt bucket has been the standard tractor or loader attachment, it has drawbacks in a variety of tasks requiring control and efficiency such as raking, carrying, or stacking.

Because it's more efficient and adaptable than the bucket, the grapple rake, which hydraulically opens, closes, and moves its jaws of spaced metal tines, is becoming indispensable. It can remove trees and brush or surface rake limbs and debris without piling up unnecessary dirt. It can dig out roots, stumps, and rocks. It can pick up, move, and stack logs and hay bales. It can even lightly plow and efficiently tackle a variety of tasks requiring more control than the typical bucket provides.

Dorman Walser, who farms and ranches 4,000 acres in Crowell, Texas, used a standard bucket attachment on his Caterpillar loader, as well as other implements, to remove trees/brush, move firewood, and haul hay. He was less than satisfied with the results.

"The bucket could pile stuff up, but couldn't rake or stack," Walser says. "It dug into the ground and picked up a lot of trash and dirt that we had to sort out. It wouldn't hold things in place."

To dig out roots, Walser resorted to plowing. "The plows would hang up on roots and tear up shanks," he says.

While hayforks could move hay bales, they lacked the control necessary to stack them. Says Walser, "When the bale rolled off the fork, I'd have to hope it rolled where I wanted it."

A firewood side business was also too manually labor intensive, requiring sorting through logs and debris.

Walser needed a tool strong enough to pick up stumps, logs, and hay bales, controllable enough to stack them, and versatile enough to efficiently rake up twigs and limbs without piling up dirt. It also had to be strong enough to withstand long wear without breaking teeth.

He turned to a hydraulic grapple rake by Colville, Washington-based AnBo Mfg., which specializes in high quality designed products for tractors, loaders, and skid steers.

AnBo built the grapple rake to fit Walser's Caterpillar loader so no brackets were needed. The grapple rake operates with the loader like a bucket. You can raise and lower it, roll it forwards or backwards. Opening and closing its jaws of spaced metal tines is controlled by a third hydraulic function.

Walser chose an 8-foot grapple rake with 6-inch tine spacing to allow dirt but not brush to sift through the rake's tines. AnBo uses a special type of steel that has twice the yield strength (resistance to bending) and a much higher Brinell Hardness rating (resistance to wear) than T-1 steel.

When he uses the grapple rake to remove trees, stumps, and roots, he's confident it'll pick up the load without bending teeth or cluttering things up with debris.

"I can pick up whatever I want with it, from stumps as big as people to brush, without picking up dirt," he says. "It's great for grubbing out stumps and roots, and can do the work of five men moving and stacking logs in our firewood business."

He uses the grapple rake not only to rake up tree limbs, brush, and trash, but also to lightly plow the ground in preparation for planting improved grass seed for cattle pasture. "Because you can do everything with it from removing stumps, to raking, to light plowing, it makes for a fast, easy way to get a clean pasture," he says.

Walser uses the grapple rake to pick up, place, and stack square and round hay bales on a truck trailer, in addition to taking hay straight to the cattle from a haystack. "The grapple rake gives us more control than a hay fork," he says. "With it, you can pick up, turn, set down and stack bales wherever you want. It's a great tool for so many applications, and is quick to change over from a bucket."

Dennis Sherer, who grows corn and soy beans and runs a cow/calf operation on 2,000 acres southeast of Kansas City, Missouri, had removed trees from a hedge row that was damaging a fence, and whose roots were jutting into a field. He was frustrated with pushing the trees on the ground with a dozer bucket for burning disposal. Trying to remove the roots with a chisel plow wasn't working, and he disliked how waste hay fell from the bucket when cleaning around the cow racks each winter.

He turned to a 7' AnBo grapple rake as an attachment for his tractor loader, and found the going much easier.

"Instead of pushing trees along the ground, I pick them up with the grapple rake and carry them to the pile," says Sherer. "It grabs everything like the fingers of your hand, and gives you more control. With it, you can pick up just about anything off the ground. It saves lots of time picking up waste cow feed to spread over the pasture."

Sherer has used his grapple rake to pick up, move, or load items that are difficult or inconvenient to do by hand. He's used it to pull trees back from fence lines. He's used it to load wood posts. He's used it to pick up scrap iron, old tires, and concrete foundation pieces. With it, he plans to tear down old wood buildings and load them onto a truck for removal.

"It's a great time saver," concludes Sherer. "I wish I'd heard of it earlier."

For more information, call 866-684-3330 toll free; fax 509-684-1997; email sales@anbomanufacturing.com; visit www.anbomanufacturing.com on the internet; or write to AnBo Manufacturing, Inc. at 685 Elm Tree Drive, Colville, WA 99114.



The Columbia Basin Farmer, September 2006

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Hello. We would like to tell you about our company and how we can be of service to you.

Each partner is actively producing and/or feeding lambs here in New Mexico. We purchased the Wool Warehouse in Roswell in 1992 and purchased a second warehouse in 1994, Roswell Wool and Mohair. We combined the two businesses and renamed it Roswell Wool.

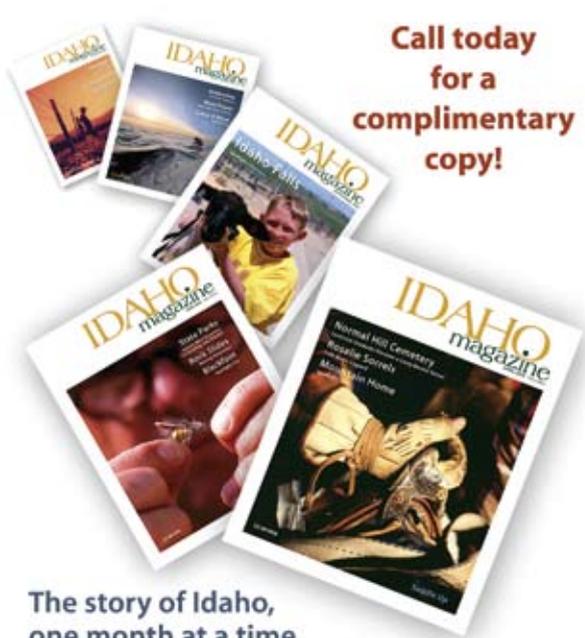
In 1994, I began managing the business. At that time, 100% of the wool we handled was from New Mexico. Currently, with our growth, 50% of the wool we handle is from out of state, even though the amount of New Mexico wool we handle has grown. We are now the largest wool warehouse by volume, under one roof, in the United States. Therefore we attract wool buyers from all over the world. We offer our wool on consignments to all wool buyers at our regularly scheduled wool sales each

year. We have sales in January, February, April, May, October and December. Wool buyers who come to our sales have core information/grab samples/sample bales from each lot of wool offered for sale to make their visual inspection of each lot.

Our sales are by seal bid offerings - meaning that each buyer who bids on a lot of wool is by sealed bid. When the bids are all in, I announce the high bidder, but not until the end of the sale do I announce what the bid was. Therefore, keeping the speculation on what each buyer is willing to offer secret, thus adding a bit of excitement when several buyers are needing the same types of wool.

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If you have any questions, please don’t hesitate to contact us at 800-624-WOOL. 



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It's Not Just Cows We Keep Employed *Dairy Farmers Bring More than Just Milk to the Table*

Boise, ID - It's a fact - Idaho's dairy industry is the number one agriculture crop in Idaho. June Dairy Month is the perfect time to reflect on how the dairy industry impacts Idaho's economy. Idaho's dairy industry is more than just milk. Dairy farmers bring jobs and economic activity to communities across the nation. In fact, each dollar a dairy farmer receives in milk sales generates more money for the local economy.

"We know we are producing a quality product that is valued by people all over this country and really the world," said Art Lee, Co-Chair for United Dairymen of Idaho. "There will always be a need for good, beneficial food and that's what we as an industry focus on – providing a

wholesome product now and for generations to come."

The dairy industry continues to be a significant factor in Idaho's overall economic health. In 2007, on-farm cash receipts from milk produced on Idaho farms amounted to approximately \$2.047 billion dollars (based on an average price of \$17.80 per hundred pounds produced, up from \$11.89 in 2006). In 1970, Idaho's dairy industry generated \$73 million dollars in cash receipts.

Idaho is home to a mixture of large and small dairy farms, both of which contribute to the local economy by supporting local businesses and the community tax base. All but one of Idaho's dairies is family owned and operated. Fifty-eight percent of Idaho's dairies have fewer than 500 cows. When a dairy farm spends money locally, it creates a multiplier effect of more than two-and-a-half times the original dollar spent. Direct employment on dairies and in milk and cheese processing plants accounted for 9,260 jobs in southern Idaho. Idaho's dairy industry supports local businesses. When dairy farmers purchase machinery, trucks, fuel, and more from local companies, they help generate jobs and income for others. In addition, dairies create jobs for people who grow and ship feed for cows, as well as jobs for veterinarians, insurance agents, accountants, bankers, and others. Truckers, packaging manufacturers and food marketers complete the cycle by transporting and marketing dairy products. This means additional jobs in the transportation, distribution and retail industries. In fact, more than 22,730 jobs across southern Idaho are attributed to the state's dairy industry.

With so many people involved in the dairy industry, it only makes sense that Idaho is the 2nd largest milk producing state in the twelve western U.S. states and ranks 4th in the total U.S. As of De-

cember 31, 2007, the state had 646 dairy farm operations; producing 11.498 billion pounds of milk (1.337 billion gallons) from the 511,658 cows milking.

Financial contributions to the state through personal income and taxes from Idaho's dairy industry can't be overlooked. Idaho's dairy farm families accounted for \$428 million in personal income in south central Idaho. With the secondary employment, study estimates show an additional \$655.4 million of personal income to the south central Idaho region, totaling over \$1 billion that Idaho's dairy industry contributes to the economy. Dairy farms and dairy manufacturing also generated \$26.7 million in tax revenues. Add in the secondary economic activity and the state of Idaho realizes an estimated \$67.5 million in tax revenues that is attributable to the dairy industry.

In terms of milk production: In 1970, Idaho's dairy farmers produced 1.4 billion pounds; but in 2007 produced 11.498 billion pounds. The state average for annual milk per cow is 22,472 pounds (2,613 gallons) in 2007, while the state average in 1970 was 9,793 pounds (1,138 gallons).

The dairy industry provides significant resources to support the research and promotion needed to stabilize and sustain Idaho's dairy industry to drive demand for Idaho produced dairy products, which contributes to the financial stability of rural communities and benefits the state's and region's economies.

At the end of the day, Idaho's dairy producers are proud of their industry and its contribution to Idaho's economic health.

Source: The Economic and Fiscal Impacts of the Dairy farming and dairy Product Manufacturing Industries in South Central Idaho; Dr. Don Holley & John Church, Boise State University, Department of Business and Economics; Sept. 2006.

United Dairymen of Idaho (UDI) is the local planning and management organization responsible for increasing demand for U.S. produced dairy products on behalf of Idaho's dairy farm families.



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When asked to explain the amazing results reported from all areas of the US, Robert Cain, founder of SeaAgri responds: Pasture grasses could provide our livestock with as many as 100 elements if present in the soil. However, our soil and pastures are elementally deficient and we are forced to offer a significant number of mineral supplements to livestock in order to maintain herd health. Until now mineral supplements supplied only a few specific elements essential to sustain life. The periodic table lists more than 92 minerals and trace elements. The only place where all elements exist in perfect balance and proportions is in sea water. At one time, more than 92 minerals and trace elements were present in our soils, crops and pasture grasses. Through erosion, over cropping and long term application of NPK fertilizers, many are lost, carried away or rendered unavailable. Cain also states that degenerative diseases that plague the human race such as cancer and heart disease are not found in sea life. He believes that it makes perfect sense to incorporate the full spectrum of periodic table elements found in SEA-90 into farming programs. Who can state, as fact, that any one of these elements is NOT essential to life.

SeaAgri produces SEA-90 naturally from pristine sea water harvested from one totally unique location in our hemisphere. “What we’ve done is create reservoirs at a coastal estuary in an arid region where pure ocean water flows in at high tide. Water evaporates quickly due to desert conditions of very high temperatures and virtually no rainfall to produce mineral-rich SEA-90” Cain said. A scientist asked to analyze SEA-90 stated that it was one of the most unique products he ever encountered. When asked to explain, he said, “It is exactly what I would expect to see if I analyzed a sample of the earth’s crust.

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Boise, ID - Advances in technology, packaging and product innovation give consumers an array of choices in the dairy case that offer "something for everyone."

People today have more options than ever to meet their recommended three servings of dairy — milk, cheese or yogurt — every day. You can find new packaging for milk in many school vending machines, as well as on the cafeteria serving lines. At quick-serve restaurants, milk comes in new flavors and in kid-appealing packaging. You'll find cheese and yogurt dressing up salads and desserts. Looking for something extra-special in cheese? Artisanal (handmade) cheeses are the latest darling of the deli.

Behind the scenes, food-makers have created yogurts that offer higher levels of probiotics and milk that helps to lower cholesterol to improve health. Also, they've discovered the

versatility of other dairy ingredients, such as whey and powdered cheeses, to boost the nutrition, texture and flavor of their products.

Innovation and technology research is funded by America's dairy farmers as part of a national promotion and research program. Finding ways to meet consumer demands for products that never existed previously — or had never even been imagined — helps people to eat healthy and enjoy dairy choices that fit today's on-the-go lifestyle.

The dairy industry currently encourages three daily servings of milk, cheese or yogurt through its 3-A-Day™ of Dairy program. In 2005, dietary guidelines recommended three servings of low-fat or non-fat dairy a day — not only because of the calcium that dairy foods provide, but also for other key nutrients, such as potassium, magnesium and vitamin A.

The great news is that all milk and dairy foods are equally safe, wholesome and nutritious to help people build strong bones and healthy bodies. Dairy farmers have worked hard for generations to provide American families with milk and dairy foods to enjoy. Now, there are even more unique and delicious ways to enjoy them.

To learn more about modern dairy farming, visit www.dairyfarming.org. For great-tasting dairy recipes, visit www.3aday.org.
United Dairymen of Idaho (UDI) is the local planning and management organization responsible for increasing demand for U.S. produced dairy products on behalf of Idaho's dairy farm families.



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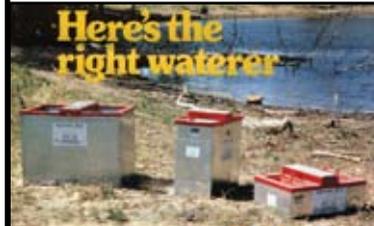
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ADVERTISER	PAGE	ADVERTISER	PAGE
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Aanonson Sprinkler Co.	22	Mil-Stak Inc.	13
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Art's Way Manufacturing Co Inc	14	Mur-Tex Company	20
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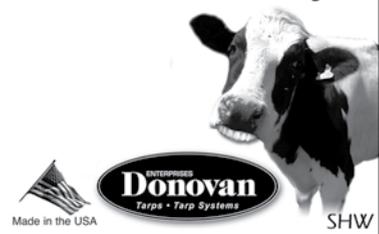
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