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Rocky Mountain/Heartland • fall/winter edition 2009

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ON THE COVER

Photo courtesy of North Dakota State Seed Department.

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Western Farm, Ranch & Dairy Magazine

a Ritz Family Publication

President / CEO

Michael Ritz
mikeritz@ritzfamilypublishing.com

Executive V.P. Operations/Editor

Robert Davis
rdavis@ritzfamilypublishing.com

General Sales Manager

Pat Drury
pat@ritzfamilypublishing.com

Sales Manager

Steve Mendoza
steve@ritzfamilypublishing.com

Office Manager

Angie Hawkins
angie@ritzfamilypublishing.com

Web Tech

Valerie Ritz
valerie@ritzfamilypublishing.com

Secretary

Nikki McNeill
nikki@ritzfamilypublishing.com

Ritz Family Publishing, Inc.

www.ritzfamilypublishing.com

Corporate Office

Ritz Family Publishing, Inc.
714 N Main Street
Meridian, ID 83642

Sales

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

Subscriptions

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existing address, call toll free
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1(208) 955-0124
info@ritzfamilypublishing.com

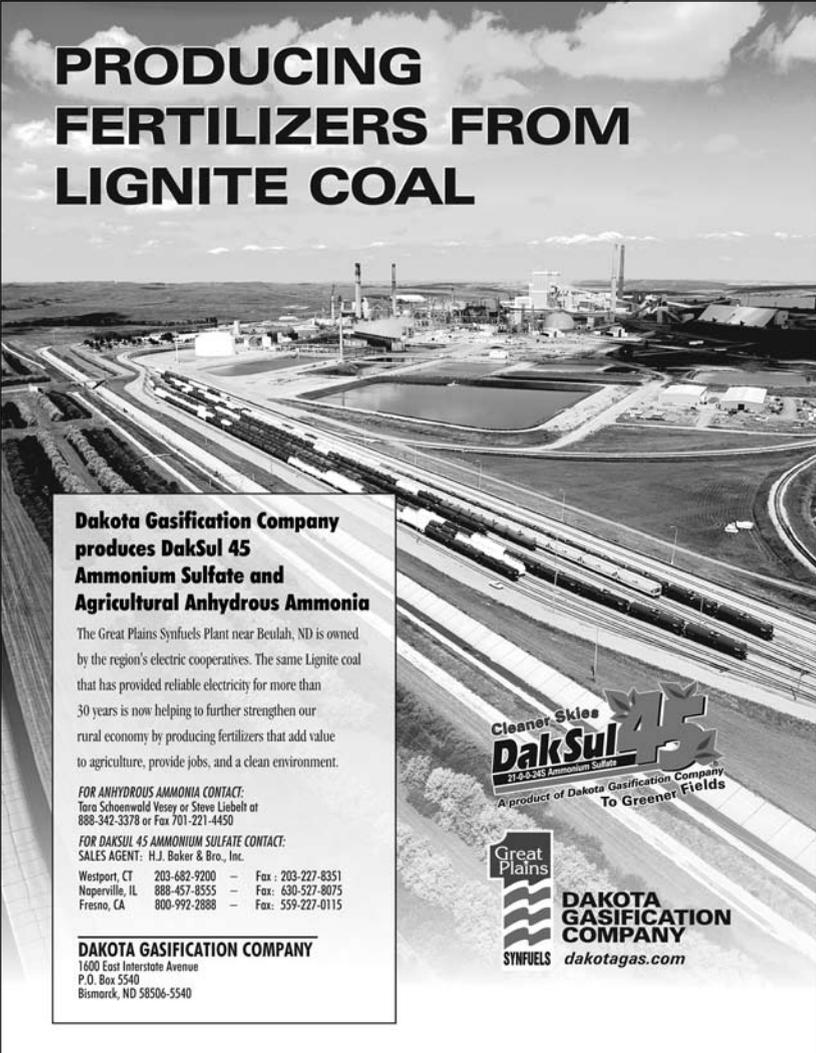
Printed By Snake River Printing, Nampa, ID

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Wisconsin Seed Potato Growers Offer Superior Spud Source

By Tamas Houlihan, Managing Editor, The Badger Common'Tater

Using only the finest, disease-free seed stocks and taking every precaution to ensure the highest possible quality, Wisconsin's seed potato growers consistently produce the country's best crop of seed potatoes.

"Wisconsin seed potatoes all originate from potato tissue that has passed

and carefully controlled environmental conditions by University of Wisconsin scientists."

Only after the intense scrutiny of two field generations on the Lelah Starks Elite Foundation Seed Potato Farm (State Farm) in Rhinelander, is the resulting elite seed passed on to the Wisconsin certified seed potato grow-

ers. "The quality of the basic seed stocks produced at the State Farm is preserved," said Coltman, who added that all potato storage facilities must be inspected and approved prior to filling with certified seed potatoes.

In an effort to provide a final check of seed quality, Wisconsin growers send samples from all lots seeking certification to Florida for winter testing.

"This last evaluation focuses on how clean the seed has been kept through the successive cycles of University and grower propagation," said Coltman. "Both visual and laboratory tissue analyses are used to confirm that the seed lots represented by the samples meet Wisconsin's strict certification standards. Seed lots that pass this final evaluation should stand up favorably against the finest quality seed lots available anywhere."

Wisconsin also boasts the longest standing seed potato certification program in the country.

"In 1913, the Wisconsin Seed Potato Certification Program was established with a formal plan for inspection and certification of seed, making this the first such program in the U.S.," said Dr. Walt Stevenson, Professor Emeritus of Plant Pathology at the University of Wisconsin. "We've been able to maintain a tradition of exceptionally strong leadership in the Wisconsin Seed Potato Certification Program, enabling Wisconsin's program to remain as one of the very best in the world."

Dr. Stevenson is a member of the Wisconsin Potato & Vegetable Growers Association Hall of Fame. He was



Dr. Robert Coltman leads a tour of the Lelah Starks Elite Foundation Seed Potato Farm in Rhinelander, Wisconsin.

a battery of tests administered in University of Wisconsin laboratories to ensure plant health," said Dr. Robert Coltman, Program Director of the Wisconsin Seed Potato Certification Agency. "All popular and promising potato varieties are grown and maintained in tissue culture under sterile

conditions to ensure the highest quality seed for further increase on their modern farms.

There the seed potato growers pay strict attention to sanitation practices that promote the production of disease-free seed. "Because of a strong commitment to excellence by Wisconsin seed potato growers, the integ-

Canela Russet – A New Light Russet Potato For The Fresh Market

By: Robert Davidson-Seed Potato Specialist, CSU Extension

The newest cultivar released from the Colorado State University (CSU) cultivar development program is the Canela Russet. This cultivar was released to the growers in 2006 and has already found a strong following among producers in the San Luis Valley. The name “Canela” means cinnamon in Spanish and definitely reflects the tubers light brown russet skin. Canela Russet is a medium to late maturing potato which has the potential for medium-high yields of very well shaped tubers and is suited for the fresh market. This cultivar produces a high percent of US No 1 potatoes and has an excellent size range profile for the market place. Two major strengths help with this cultivar’s acceptance. First, this potato has resistance to becoming infected with the major potato viruses currently found in the San Luis Valley; potato leafroll and potato virus Y. This is an especially at-

tractive trait since producers have been struggling with these viruses for the past several years. Second, Canela Russet has an extremely long dormancy in storage (149 days from harvest), positioning it ideally for the long term storage market. Some growers have concerns about



the cultivar’s ability to set a skin after vine kill. Research at the CSU San Luis Valley Research Center would indicate that this tendency is the result of using too much nitrogen on the crop during the growing season.

This produces slightly immature vines

at vine kill leading to a longer time for setting the skin. This drawback can be overcome by using better cultivar specific management techniques. Researchers are currently obtaining grower data from the 2007 crop season to look for any other strengths or weaknesses of the Canela Russet.

Information from this survey will be presented to producers at the Southern Rocky Mountain Ag Conference in early February. As the breeder, Dr. David Holm, Professor of Horticulture and Landscape Architecture indicates, “Canela Russet is an exciting new cultivar for the potato industry with a built in niche for the late market season. It is not often we find a cultivar with so many good attributes and so few problems.” It remains to be seen if Canela Russet can take over a larger portion of the marketplace, but so far the future looks bright.

named an Honorary Life Member of the Potato Association of America and has received numerous national and state “Researcher of the Year” awards. He continues to work with the industry and is an active member of the American Phytopathological Society and the Potato Association of America.

“The stringent standards used by the Wisconsin Seed Potato Certification Program have become the standards currently used throughout most of the industry,” said Stevenson. “And the seed potatoes produced by Wisconsin growers are consistently among the best seed tubers produced in North America.”

Stevenson stated that Wisconsin has become widely recognized as a leader in terms of variety development.

“Wisconsin growers are producing abundant supplies of established varieties and helping to introduce new varieties as market demands shift,” he said. “This is particularly important

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as new varieties are developed with improved characteristics for tuber quality, processing, disease resistance, nutritional content and storage.”

“A tour of the farming operations used by the Wisconsin certified seed potato growers makes a convincing argument that the industry is very progressive in terms of the technology being employed in the production of seed potatoes,” Stevenson added. “Growers are using state-of-the-art practices and collectively, they’ve been proactive in moving promising new varieties through certification so that a broad segment of the industry can determine where these new varieties fit into their production plans.”

Todd Michael, co-owner of Michael Farms, Inc. of Urbana, Ohio, raises over 500 acres of potatoes for the fresh market. A former President of the National Potato Council and current member of United States Potato Board Executive Committee, Michael says he has had excellent success using Wisconsin certified seed potatoes.

“I’ve always had a good relationship with the seed growers in Wisconsin,” Michael said. “Over the past 20 years we have worked with several different growers and they work together to make sure customers get what they want.”

“Wisconsin growers are quick to respond to the marketplace when new varieties are released,” said Michael. “Wisconsin seed potatoes have performed very well on my farm. Knowing your seed source means not only knowing the grower, but how the crop is grown and stored. Working with seed age physiology to get predictable tuber set requires knowledge of what you’re starting with. Working with good growers gives me that confidence. Picking your seed is one of the most important decisions to make each season.”

“Wisconsin has a well-run system that produces good results,” Michael concluded. “I buy with confidence knowing the people and the seed will both deliver.”

Another former National Potato

Council President, Nick Somers, of Plover River Farms, Stevens Point, has also had good success with Wisconsin seed potatoes. Somers raises over 1,000 acres of red, yellow-flesh and russet potatoes for the fresh market and for processing.

“I’ve been pleased with the vigor and performance of Wisconsin seed potatoes,” said Somers. “The yields have been excellent, there have been very minimal disease problems and the price is very competitive. I’ve also been pleased with the service from the growers. They are flexible and easy to work with.”

“I see a real value in the Wisconsin seed certification program,” Somers said. “There is a very sound approach with the winter testing and the backing of the program by the University of Wisconsin. It’s important to have a good foundation. That’s what makes Wisconsin seed superior to that from other states. A quality program and quality growers make Wisconsin seed potatoes a good investment.”

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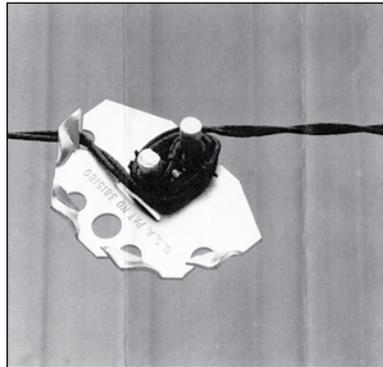
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time you check the span of fence, the slack will have equalized to the REEL-TITE. Then, simply retighten the REEL-TITE with the handle. The tension can be maintained on this span of fence for the life of the wire!! With a little practice, it will take you one minute to tighten four wires and only 30 seconds to retighten them. Think of it this way....a fence is never tight in one area and loose somewhere else... this is the equalization principle. Let equalization work for you.

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Kermco-De Haai, Inc., 741 Carpenter St., Monroe, Iowa 50170, Phone: 641-259-2987, FAX: 641-259-2754, www.kermcodehaai.com



The Exciting Bio One Story

The Bio One story is so exciting, I get excited just talking about it!

Bio One is a dormant organic bacteria. Bio One pro-

vides 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.



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Pressurized Exhaust Kills Burrowing Rodents

The H & M Gopher Control PERC system (Pressurized Exhaust Rodent Controller) uses carbon monoxide from pressurized engine exhaust to kill burrowing rodents such as gophers, ground squirrels, prairie dogs, moles & voles.

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

Company owners, Allen Hurlburt and Virginia Massey, said that the PERC system involves a narrow steel wand that is used to probe the burrow and inject pressurized exhaust that fills the burrow in two minutes with lethal concentrations of carbon monoxide before the rodent has a chance to either escape or block the burrow.

An internal combustion engine generates the carbon monoxide and drives a compressor pump that pressurizes the exhaust gas to 115 psi in a storage tank. An air hose and a hand held probe inject the gas directly into the burrow without any digging.

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 \$7,249 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 \$4,595 plus S&H.

The PERC 206T is the skid unit mounted on its own special trailer. It sells for \$4,995 plus S&H.

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

A PERC system can treat moderately infested alfalfa fields at about 3.5 acres an hour with a single operator. Each

probed location requires only about 1 to 2 minutes injection time.

Units have been shipped to customers from Southern California to central Canada and as far east as Florida. Though most of the market has been with alfalfa growers, orchard and spe-

cialty crop growers have also purchased units. The PERC system is the best solution anywhere burrowing rodents are a problem.

For more information call (530) 667-5181 or visit the website www.handmgophercontrol.com



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PERC Model 412



One-Call of Wyoming

One-Call of Wyoming has made big strides during its inception. Combining two call centers and implementing the 811 number.

Before a locate is made, the excavator/home owner should mark the proposed excavation by white lining the area.

There are seven types of tickets that can be made. The most common is a "routine ticket". This is when a caller calls in and wants to excavate, whether it is planting a garden, a tree or building a fence, garage or patio; putting in a septic system and of course pipelines. The caller is asked several questions, i.e. the callers main phone number; who is doing the excavation; name of person calling; an alternate number; the property owner; city or town; physical address including the nearest cross street and locate description. The ticket number and a list of all underground utilities is given to the caller. The caller should mark down the ticket number all the utilities that are in the area, in case a utility company does not show and mark their facility. All

utility companies are not members of One-Call of Wyoming and if this is the case, the caller must call them. State law requires that notice be given at least two full business days in advance of the beginning of the work, excluding weekends and holidays.

Another type of ticket is a "cancel ticket". The excavator/home owner has made a mistake on location of the excavation, or some other reason and wants the original (routine ticket) cancelled.

A "correction ticket" is when the excavator/home owner gave wrong information on the original (routine ticket).

A "damage ticket" is when an underground utility has been damaged.

An "emergency ticket" is when there is an emergency. The caller is read the state statute that signifies what an emergency is, and if the caller agrees the ticket will be prepared.

A "no response ticket" is when a utility(ies) company has not marked their utilities. The caller calls in another ticket, which in turn costs utility(ies) compa-

ny's, and One-Call of Wyoming more money. A "positive response" would be a better term – the utility(ies) company would notify the excavator/homeowner that there were none of their utilities in the proposed excavation area.

A "non-compliant ticket" is when the excavator will be working before the two full business day requirement is met.

You can dial the 811 number instead of the 1-800-849-2476 and get the One-Call of Wyoming center. There are still a few glitches, i.e. using a cell phone near a state line, you may get the adjacent state. Most state call centers will either give you the 800 number, or if they have the equipment, transfer your call to the proper state.

PLEASE REMEMBER – DIG SAFELY! CALL 2 BUSINESS DAYS BEFORE YOU DIG! IT'S FAST, IT'S FREE and IT'S THE LAW! 811 or 1-800-849-2476

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Missouri Hay Tarps We Gotcha Covered

Missouri Hay Tarps has been protecting and covering round and square bales across the US since 1996. The company's founder Earl Miller is responsible for many US patents but it's his unique "Stake and Wind Lockdown" system that has put Missouri Hay Tarps on the map. Grommets are spaced every 12 inches. Combined with the patent locking stake and webbing, when installed properly, this engineered hay covering system is virtually indestructible and is advertised to have 300% more holding power than the competition.

In addition to the unique lockdown system, the tarp boasts a rip-stop fabric that

is rope and fiber reinforced, waterproof, shrink-proof and is among the heaviest hay tarps sold. Tarps are white in color and come treated with a special coating,



both are critical components in combating the sun's damaging UV Rays. Tarps are offered in 27 different sizes guaran-

teed to cover just about any hay configuration you can dream up.

The founder Earl Miller passed away in 2004 and the company is now owned and operated by Owensville, Missouri, residents Bruce Paneitz and Randy Blaske. The two partners are committed to continuing the business under the principles of which it was built, offering a quality product at a reasonable price, backed by exceptional service.

Order today and see for yourself why Missouri Hay Tarps has "Gotcha Covered".

Call 800-514-0258 or visit them online at www.MoHayTarps.com to place an order or learn more about these tarps. All major credit cards are accepted. 🐾

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24 x 48	\$352.00	\$229.00
25 x 54	\$431.00	\$283.00
30 x 40	\$373.00	\$245.00
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Making beer at home has never been easier and the quality of the finished product rivals that of micro brewed beer. Midwest offers 103 different recipes to choose from and all of the ingredients you need to make your own custom recipes. Could you be the next Sam Adams? Jim Cook, the founder of Sam Adams started as a home brewer while he perfected his recipes.

Beer recipes are available for beginners to expert homebrewers. Either way, Midwest has a "How to" DVD that takes you step by step through the process of brewing beer at home in your kitchen. Simply pop in the DVD and start brewing. You see the brewing process demonstrated from the boiling process

all the way through to the bottling process.

Making wine at home has never been more popular. Back in the 1970's winemakers made wine from what ever fruit they could get their hands on. You may remember the Plum or Beet wine your neighbor or Uncle gave you that made your eyes water. The times have changed. Today winemakers use high quality wine juice from all over the world. This juice has been acid adjusted and pH balanced to insure optimal results. Make high quality wine the first time you try!

About 75% of winemakers are making wine from juice kits which yield 6 gallons. The other 25% are making wine from fruit and grape juice. The wine juice kits do not require much time and effort. Your reward is 30 bottles of wine that cost between \$1.75 to \$2.75 a bottle. Midwest's DVD demonstrates how to make wine from fruit and grapes. Winemaking is truly a hobby that you can do for the rest of your life.

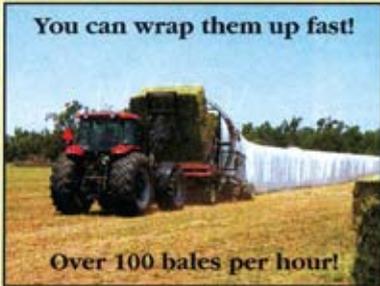
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After carefully listening to customers who were disappointed with the performance or lack of features in ATV sprayers available,

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 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

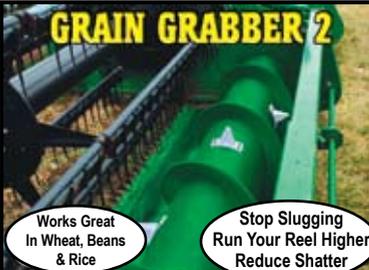


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options and accessories to meet your requirements and needs.

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Magnetic, wireless tail lights are Terry Stiles' solution to the frustration of trying to maintain conventional lights on his equipment and trailers.

"Repairing or replacing broken tail lights on farm equipment and boat trailers used to be an ongoing headache for me and many people I know," the Malta Montana rancher says. "With the repair time and replacement costs involved, I knew there had to be a better way, so I spent 2 1/2 years designing and perfecting these portable, magnetic lights."

The convenient system comes with two magnetically-backed lights, and a remote control transmitter for operating them while driving. The system provides turn signals, running lights, brake lights, and hazard lights, depending on the driver's commands. The lights can be moved from one trailer to another in a matter of minutes without any tools.

You usually don't find out that you have a tail light problem until you're away from home and it's dark. With these along, it's no problem to get home because they're so quick and easy to use. You will never again be without lights when you need them.

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From Sanders to Gopher Getters

In 1925, Rue R. Elston, the founder of the Elston Company and his wife, Clara, and son, Wendell, moved to Sioux Falls, SD from Spencer, Iowa. Rue found employment with the Manchester Biscuit Company. The next



year his son Jack was born. In 1927 Rue, wife Clara, and two sons, Wendell and Jack moved to Minneapolis, MN where Rue found work as a bus driver for Twin City Motor Bus.

One snowy night, Rue saw a young man get hit by a car while spreading sand with a shovel at a bus stop. The man lost his leg in the accident. After seeing this accident, Rue thought a unit could be manufactured to mount in front of the drive wheels of a bus and be electrically controlled by the driver. Such a unit could help eliminate this type of accident by spreading sand in front of the drive wheels of the bus. After extensive testing and engineering, the first units were installed on Greyhound buses.

In 1938 a corporation was formed to manufacture the Elston Electric Sander. Today sanders are used on city buses such as those in Seattle, Washington and are mandatory on school buses in many Northern States. They are also used on fire trucks and a special design for railroad trains.

In 1952 Rue, and his son Jack, engineered and designed the Elston Cargo Space heater, a unit that controls the inside temperature of semi-trailers that transport products that cannot



be frozen. Through the years several models have been designed. These units are sold in the United States, Canada, and parts of Europe. 

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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-

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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Frank Faehner, Chairman of American Wood Fibers, has been involved with "total wood waste utilization" for over 50 years. In 1966, he incorporated Eastern Wood Fibers in Jessup, Maryland and set out to become the nation's largest supplier of wood flour and wood by-products. In 1988, he achieved this objective and the name was changed to American Wood Fibers to more accurately reflect the depth of our resources and the national scope the company had achieved.

Today, there are American Wood Fiber plants and distribution centers near the majority of our nation's major timber processors from coast-to-coast. We are also rapidly expanding to include Canada, Mexico and other international markets.

Despite this significant growth and national scope, our focus still remains on family. American Wood Fibers embodies the culture of courtesy, respect and a commitment to customer service that originated with our company founder. Today that same commitment is sustained by the fourth generation of the Faehner family and all AWF employees. ☎

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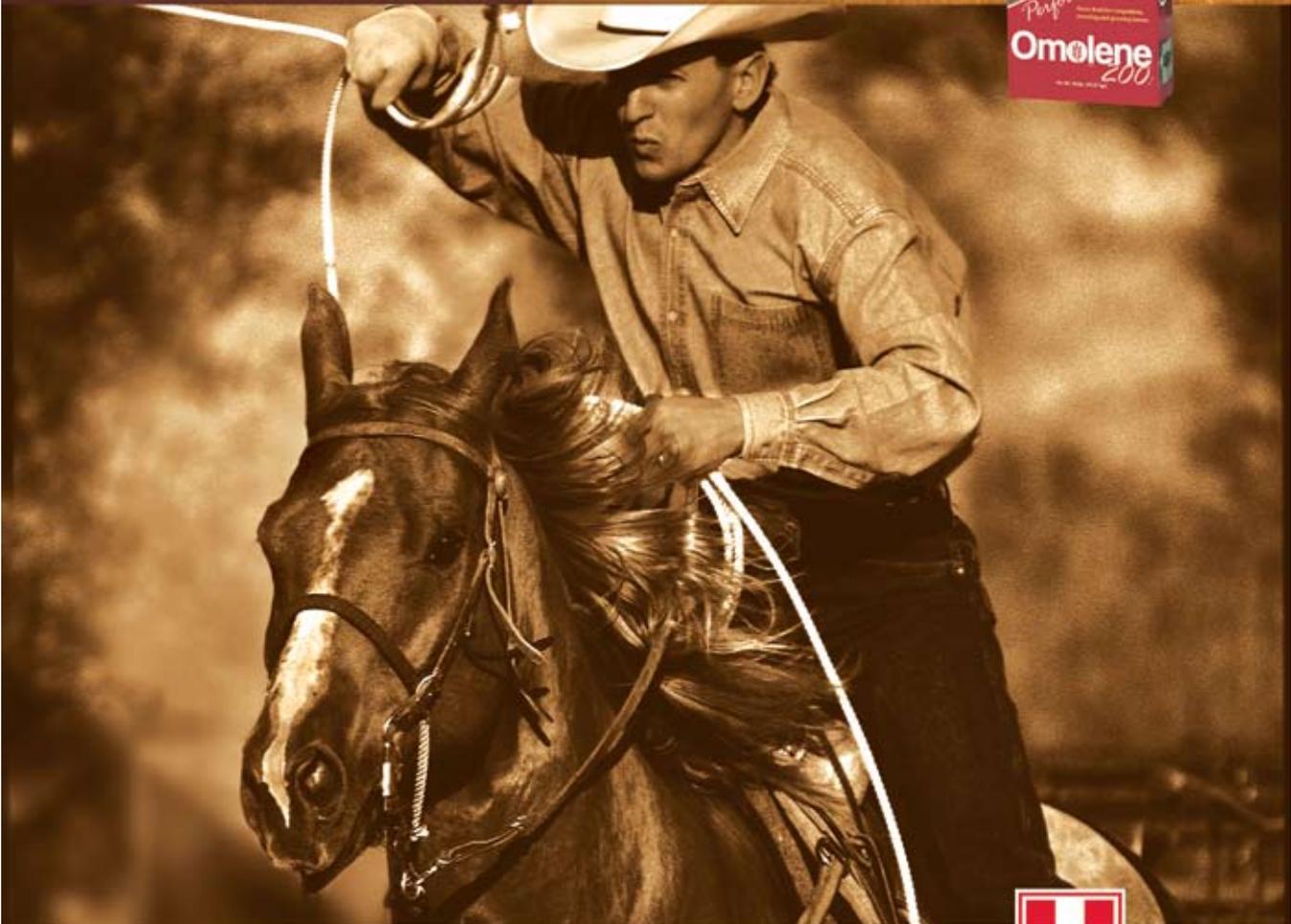
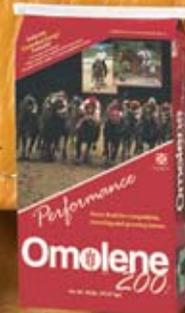
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Angus Champions Selected at 2009 Iowa State Fair

Angus entries competed for top honors at the 2009 Iowa State Fair Angus Show, August 18 in Des Moines, Iowa. Doug Parrett, Urbana, Ill., evaluated the 144 entries, which included 99 females, 39 bulls and six cow-calf pairs.

WK Reno claimed grand champion bull honors. Whitestone Krebs and Vin-Mar Cattle Co., both of Gordon,

Neb., own the March 2007 son of WK Vegas. He first claimed senior champion.

DA ES RO Explorer 7099 was named reserve grand champion bull. DA-ES-RO Angus Farms, Columbus Junction, Iowa, owns the March 2007 son of DA ES RO Frontier that earlier won reserve senior champion.

Moffitt Forever Lady M801 captured grand champion female and junior champion for Nicholas Collison, Lake City, Iowa. She's a January 2008 daughter of Gambles Hot Rod.

Tyler Henderson, Drakesville, Iowa, claimed reserve grand champion fe-

male. Hendersons Dusty Sara 7051 is a September 2007 daughter of Plainview Lutton E102 and first won senior champion.

Austin Brandt, Corning, Iowa, claimed the grand champion cow-calf pair. CFA Mariah 7109 is a February 2007 daughter of Mohrfeld Foreman 438. A January 2009 bull calf sired by Triple J Design of Foxcross completes the winning pair.

Tyler Becker, Diagonal, Iowa, showed the reserve grand champion cow-calf pair. T B Peg 702 is a January 2007 daughter of TC Freedom 104. A January 2009 heifer calf sired by Morgans Direction 111 9901 is at side. 📧

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Beef Producers Seminar Set for Oct. 27

Cattle producers should mark their calendars for the annual Beef Producers Seminar slated for Oct. 27 at the Nodaway County Community Building in Maryville, Mo. This year's seminar will focus on production in challenging times.

The program begins at 4:30 p.m., with keynote speaker Bob Weaber, University of Missouri Extension Beef Specialist. Weaber will address, "Preparing for a New Era in Beef Cattle Selection." A producer panel consisting of Doug Peterson, Gregg Staley and Deb Thummel will discuss what works successfully on their various

and diverse operations. Chris Chinn, a nationally known agricultural advocate, is the final speaker and she will address current challenges in the livestock industry.

An evening meal will be served during the program, and there is a \$10 registration fee due to the Andrew County Extension office by Oct. 21. Pfizer is sponsoring this year's meal. Additional sponsors include VitaFerm®, the American Angus Association® and University of Missouri Extension.

To register for the seminar, or for more information, contact the Andrew County Extension office at 816-324-3147. 📧

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Every farm and every group of cattle require different minerals and vitamins to balance their ration. Van Beek Nutrition custom mineral is designed to meet the specific needs for your farm. The company's stated mission is to "enhance herd health and production through nutrition by providing high quality premixes, custom mineral blends and technical advice with attention to the specific needs" of their

clients. Each product of the company is custom formulated to specific animal requirements by the company nutritionists and veterinarians.

They use the highest quality ingredients to create custom mineral blends for dairy or beef operations. The formula is adapted to specific animal nutritional requirements by the dairy's nutritional consultant or by their own in-house nutritionist/D.V.M. Their custom blends are formulated to increase production and boost feed conversion. A well-bred animal should be a well-fed animal. Breeding determines what an animal can do. Feeding and management determine what an animal will do.

Van Beek Nutrition offers custom trace minerals, vitamin blends, specialized formulas, base mixes, vitamin trace minerals, and water soluble vitamins.

If your needs also include all-natural health care products for your livestock, check out their sister company, Van Beek Scientific.

Today's successful livestock producers get the most out of their animals, and it takes a resourceful consultant with the expertise and programs to put it all together. Van Beek Nutrition's nutritional consultants are committed to the goals of maximum milk production, optimum herd health and increased profitability for their clients. Their partnership (Dairyman/Consultant) approach utilizes nutrition and management programs based upon observation of performance, and their satisfaction comes from achieving the goals of their partners - the American dairymen.

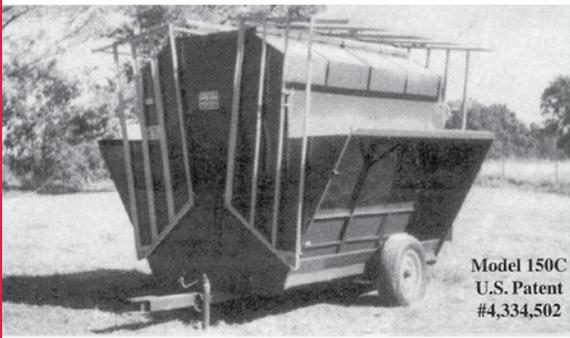
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What is the gestation period for a goat? 148 - 153 days.

How many kids will a goat have with each pregnancy? Between 1 and 4 kids . . . sometimes 5.

What are some common terms used among goat owners? Kid - baby goat, Doeling - growing female kid, Buckling

- growing male kid, Dam - mother goat; Doe - adult female, Buck - adult male, Sire - father goat, Kidding - the birthing process

Lactation - period of time when doe produces milk, Drying Off - end of lactation, Measurement of milk by weight: 1 lb. = 1 pint, 8 lbs. = 1 gallon, Wattles - small hair-covered appendages in the neck area, Stripping - removing the last milk from the udder, Colostrum - First "milk" after kidding, lasts 3-5 days

How can I tell if my doe is coming into heat? An early sign for a milking doe is a sudden increase in milk output. Tail wagging, bleating, frequent urination and swelling of the vulva are also signs.

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