



# UP Ag Connections

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## As I See It...

I know September has been dry, very dry in some parts of the UP, but the warm weather has been a real boost to getting crops ripe and I can also see a real boost in people attitudes. As we head down the home stretch of 2009, it's been a tough year for just about everyone in one way or another, but it seems that if you can hang in there, things seem to average out. While many of us have worried about the weather, it seems that this summer has had more than its fair share of serious illness showing up in people too young to be that sick. Our prayers go out to those who are facing serious health challenges. As everyone gets busy with those final fall projects and tries to sort out how to farm with lower incomes, please keep the important things in life in perspective.

In a number of Michigan agriculture publications, they were warning about the potential of lead toxicity as evidenced by four farms this year with at least 34 animals being affected. As some of you may remember, I had an article this summer suggesting that you "walk your pastures" and look for potential problems. I had a producer tell me he decided to clean up the few batteries he had around and ended up taking 699# of old batteries in to be recycled and even got \$69.90 out of the deal. Can you top this? I know this was a small farm and I can't guess what must be sitting around on some farms. This seems to be a new version of what my Dad used to say "Get the lead out of your .... and get working". In this case, get the lead OFF your farm, the money in your pocket and reduce the chance of having lead toxicity problems.



Last month I shared with you an article on potential Michigan legislation concerning Animal Welfare. I am not sure what happened to the bill, but I do know that animal welfare issues will not go away. A friend attended a meeting of Michigan Veterinarians and also a Humane Society of the United States, HSUS, representative. They said they could not believe how the HSUS person would not listen to reason, ignored rational discussion from the audience, brought religion into the issue (they had a lot of religious group support in California) and

were there to only tell their story, their version of reality. This issue will not be going away. One egg farmer from California, where HSUS outspend the egg industry 8 to 1 and use not science but very emotional videos, shared what California producers learned in their losing effort. The bottom line is: "Being proactive with the issues is a viable way of staying in farming". But, while the issues can be political and emotional there is also a scientific side that producers need to be aware of. While a lot of people support and can justify gestation crates for sows, there is a lot of interest in pen gestating sows. (I know we don't have a lot of pigs in the UP but this is an example of changes coming). 65% of Germany and 80% of Denmark's operations use pen gestation systems. The USA veal industry is moving to pen raising from individual stalls and producers are ahead of the projected switch over. We know tail docking in dairy cattle is not supported by research and is being seen less and less. The bottom line message, we need to prevent irrational and emotional animal caretaking rules but at the same time, what is OK and recommended is changing with new research. We can't always defend the status quo but we can always defend good science based farm animal care .

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## MARKET REPORT (9/22/09)

By Ben Bartlett, MSUE Dairy and Livestock Agent

### Market Ready Prices

Choice Steers	\$76-\$81	per 100 lbs.
Holstein Steers	\$68-\$74	per 100 lbs.
Hogs	\$34-\$38	per 100 lbs.
Lambs	\$90-\$96	per 100 lbs.
Cull cows	\$30-\$45	per 100 lbs.

### Breeding and Feeder Animals

Grade Holstein cows	\$1000 - 1400	per head
Grade Holstein bred heifers	\$900 - 1400	per head
Deacon calves (Mich. Market)	\$60 - \$100	per 100 #

### "Farm Account" Feed Prices across the UP

	Avg. \$/cwt	Avg. \$/ton	Price Range
Corn	\$ 8.10	\$161.50	\$170-200
Soymeal	\$21.00	\$419.50	\$418-420
Oats	\$10.30	\$206.00	\$159-240
Barley	\$10.00	\$200.00	\$159-240

Average price/100 wt. for 1 ton lots

# Fall Feeder Sales

## Northern Michigan Livestock

October 9th      October 23rd  
November 13th      December 11th

All sales start at 1pm. Preconditioned cattle will be sold first on Oct. 23rd and Dec. 11th.

1848 N. Townline Rd. Gaylord, MI

Phone: 231-439-5679 (office) 989-732-5732 (yard)

### United Producers, Inc.

October 2nd	Feeder Sale	St. Louis
October 16th	Feeder Sale	Cass City
November 6th	MCA Graded Feeder Sale	St. Louis
December 4th	Feeder Sale	St. Louis

For more information call the St. Louis office at 989-681-2191 or the Cass City office at 989-872-2138 or go to [www.uproducers.com](http://www.uproducers.com).

### Clare County Livestock Auction, LLC

October 8th  
November 5th      December 3rd

All sales start at 1pm. Cattle weighed at sale time.  
David Clark, Owner/Auctioneer Cell: 810-441-6191  
Sale barn phone: 989-386-9256

For preconditioned and market information go to:

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

## MCA Graded Feeder Sale

The Michigan Cattlemen's Association has set Friday, **November 6** for the annual MCA Graded Feeder Sale at UPI in St. Louis, MI.

Calves will need to be consigned by October 1st. For those new to this program, you can visit the MCA website for sale requirements, consignment forms, and vaccination verification forms. Prices this fall may be lower than 2008 but the MCA sale has proven to provide good average prices for the quality and packaging the sale provides. Netting an extra \$30-\$50/head can be expected when comparing the MCA sale to regular non-preconditioned fall prices. **Call the St. Louis UPI office at 989-681-2191 for more information**

## Photo-Rama Sale Results

The Photo-Rama sale was held September 17th in St. Louis, MI

	#/hd	Avg. wt.	Avg. \$/lb.	Range
Steer Calves	305	594	\$1.06	\$.96 - \$1.10
Heifer Calves	178	539	\$.93	\$.91 - \$.95
Yearling Steers	279	914	\$.87	\$.83 - \$.94
Yearling Heifers	291	826	\$.87	\$.77 - \$.90
Holstein Steers	689	802	\$.75	\$.70 - \$.76

## Dairy Heifer Prices Steady

Heifer prices in the early September auctions were in the same general range as the previous month. However, some higher bids were noted in New Holland, Pa., where top-end springer heifers topped out at \$1575, notes Greg Scheer, dairy analyst with Doane Advisory Services in St. Louis. Heifer calf prices were also generally steady in August with top-end calves going for \$260. - *Dairy Herd Management*

Location	Supreme/ Top Grade	Approved/ Med. Grade	Heifer Calves 90-120 lbs.
Escalon, CA	\$1100-\$1350	\$900-\$1050	NR
Ithaca, WI	\$1100-\$1400	\$800-\$1100	\$50-\$240
Sulphur Springs, TX	\$850-\$1175	\$550-\$850	\$60-\$260
New Holland, PA	\$1400-\$1575	\$1100-\$1350	NR

## Marquette Co. Fair Results

**Grand Champion Steer**– Craig DeVooght - Econo Foods  
**Res. Champ. Steer**– Levi Lauren - Bob's Septic/LaJeunesse Trucking

**Grand Champion Hog**– Jacqueline Conery - NMU Dining Services

**Res. Champ Hog**– Theo Redlon - Econo Foods

**Grand Champion Lamb**– Philip Talsma - Econo Foods

**Res. Champ Lamb**– Taylor Ehnis - Meyers Family

**Grand Champion Chickens**– Rebecca Pirman - Mare-Z-Doats

**Res. Champ Chickens**– Taylor Ehnis - Bill DeVooght

## Fall 2009 MDA Pesticide Exam Schedule

- Oct. 14th** 9 am Marquette Co. Conservation Center  
**Nov. 2nd** 9 am Marquette Co. Conservation Center  
**Nov. 12th** 9 am Delta Co. MSUE Office  
 2840 College Ave., Escanaba  
**Dec. 4th** 2 pm UP Experiment Station  
 E3774 University Drive, Chatham  
**Dec. 10th** 9 am Delta Co. MSUE Office

Applicators who are renewing their certifications have to wait until they get their renewal application in the mail before they can take the exam. Renewal applications should be in the mail in late September.

The fee for exam is \$50 for private and \$75 for commercial use. Checks or Money Orders can be made payable to The State of Michigan (no cash). Applicators need to bring a photo ID.

The Core study manual is new since last October and all manuals can be purchased through MSU Extension. All certification applications will be available at the exam site. **Call David White at 906-228-9998** for any questions or to sign up for exams at all locations except the UP Experiment Station (call 387-2530 for sign up).

## Feeder Cattle Marketing

This year the **Bay de Noc Beef Producers Association** will be offering choices to market feeder cattle.

- ⊙ **October 20** auction market with the West Branch Feeder Cattle Association at West Branch, Michigan. This is a good Michigan market for feeder calves. Cattle are weighed at Rapid River.
- ⊙ **December 9** delivery to the Equity Cooperative Livestock Sales Association auction market at Waukon, Iowa. This would be a good option for late yearlings and weaned calves.

Each of these options will be used provided there are enough cattle to fill a semi-truck load. Each of these options offers good price discovery through open and competitive bidding.

Anyone interested in learning more about these sale choices, please contact **John Rappette, President of the Bay de Noc Beef Producers Association at 906-399-5510**.

The **Western UP Livestock Cooperative** is currently in the process of evaluating and deciding where to market cattle this fall. Since 1999, The WUPLC has marketed their cattle through the Northern MI Livestock Saleyard in Gaylord. Following an informational marketing meeting the WUPLC is considering the possibility of shipping cattle to a Central Livestock Association saleyard in Rock Creek, Minnesota.

Anyone interested in learning more about WUPLC marketing options can contact **Al Slye at 906-884-2936**.

**Looking for a past edition of the newsletter?**

**Check out [www.maes.msu.edu/upes](http://www.maes.msu.edu/upes) for past newsletters from 2002-2009! You can also view past grain trials and the phone guide.**

## Chippewa Co. Lamb Pool

The Chippewa County Lamb Pool is **Saturday, October 10th**, from 9:00 am to 2:00 pm at the Chippewa Co. Fairgrounds in Kinross.

Dinner is Thursday, October 8th at 7:00 pm at the Pickford Township Hall.

For more information please call **Tim Arman at 906-647-3304** or **Seldon Collins at 906-647-2011**.

## Western UP Livestock Producers to Market Cattle in Gaylord

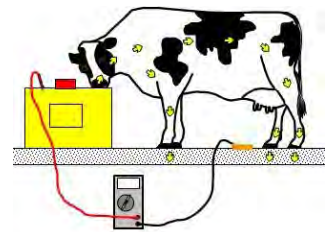
The western UP Livestock producers will be coordinating transportation of cattle to the Northern Michigan Livestock sale yard in Gaylord for a sale to be held on **Friday, October 23**. Trucks will be loaded two to three days before the sale. This sale will feature cattle that have been preconditioned. Proof of purchase of vaccines is required as verification of the preconditioning program. Preconditioning is not a prerequisite to sell on this sale. Cattle not receiving vaccinations will sell following the preconditioned cattle. Producers interested in consigning cattle can **contact Al Slye at (906)884-2936**.

## Stray Voltage

Stray voltage is an electrical voltage, generally less than 10 volts, measured between two points that a farm animal may touch at the same time. If this occurs, a current may flow through the animal between those two points.

People seldom perceive these voltage levels. The amount of current depends on the voltage and total resistance of the circuit. Livestock respond to the resulting current flow, not to voltage.

Information taken from "Stray Voltage" questions and answers, Produced by the Michigan Agricultural Electric Council. Visit their web site at [www.egr.msu.edu/age/MAEC](http://www.egr.msu.edu/age/MAEC) for more information.



- AgriCulture

Current Flow	Perception	Behavior Response	Production Loss	Voltage Level
0.001 Ampere (1 mill ampere)	Less than 1 in 50 animals	none	none	0.5 volt
0.002 Ampere (2 mill ampere)	Less than 1 in 10 animals	none	none	1 volt
0.004 Ampere (4 mill ampere)	Majority of animals	Short-term changes with some animals	none	2 volt

## **BVD Up-Date – Three Important Items**

#1 – The great news is that we have over 200 farms signed up that represent almost 20,000 head of cattle and have tested over 10,000 ear notches so far. We have identified 11 positive animals from six different herds with five herds the first year and only one herd in 2009, so far. Most of the western UP herds are signed up, over 85%.

#2- The rest of the story is that with the possible cutbacks in Extension, I really want to the rest of the UP herds signed up and testing by spring 2010. (I don't know what may happen but with the State budget so short, it seems like a good idea to get done as soon as possible). *And, we have a lot of herds to get done.* The Eastern UP is a little over half signed up but the central part of the UP, where we have over 50% of our beef and dairy herds is only about 15~ 20% signed up. Many of the bigger herds are signing up, but we still have an estimated 500 herds and a lot of cattle to go. The chance to have this program in the UP with over \$100,000 of support so far is an opportunity producers should not pass up. Stay tuned for more sign up information as we get past the busy fall season.

#3 – How do we know if you tested negative for BVD PI's the first year, that your herd is still negative? It's a good question. We, actually Dr. Erik Corbett from MSU, is doing a research project to answer that question. In those herds that completed testing in year one, he collects blood samples from about ten of the oldest calves born this year (and not vaccinated yet for BVD) and is looking for antibodies to BVD. If there are titers, that means there is probably a BVD PI animal in the herd who is exposing everyone else in the herd to BVD. If the calves are negative, then the theory is that there are no BVD PI animals. To make sure the theory is correct, we are also collecting ear notches to double check the blood samples. We will share any new information generated by UP producers that can be helpful to the UP cattle industry as soon as we get it. The last thing any beef or dairy herd needs is a preventable disease outbreak. Thanks to all producers who are participating in this phase of the

## **For Sale Listings**

- ⊙ 5000 grass mix square bales.  
*John Talsma Bruce Crossing 906-827-3827*
- ⊙ 500 round bales. Alfalfa/ grass mix, 1st cutting, no rain.  
*John Miron 906-384-6541 or 384-6530*
- ⊙ 2000 good grass square bales.  
*Tim Anderson Ontonagon 906-884-2684*
- ⊙ 50 - 900# mixed hay round bales. Stored inside.  
⊙ Several hundred square bales.  
*Andrew Cesario Eben 906-439-5902*
- ⊙ Dairy quality hay– Round & Square bales. Also good quality horse square bales.  
*Dick Pershinske Engadine 906-477-6642*
- ⊙ Hay & Straw– Lg. & Sm. Square bales. Grass hay, 1st & 2nd cutting.  
*John Jaroche 906-466-2487*
- ⊙ 125 4x5 2nd crop silage bales– clover/alfalfa mix  
⊙ 125 4x5 1st crop silage bales– alfalfa  
*Dan Dalgord Garden 906-644-2276*
- ⊙ 4x200' bag of high quality alfalfa balage.  
⊙ 4x5 1st cutting alfalfa round bales. Trucking available for round bales.  
⊙ Straw– Square bales  
*Dan Hall Delta Co. 906-359-4818*
- ⊙ 1 Year old angus heifer. \$600  
*Larry Steele 906-774-7595*
- ⊙ 200 4x5 round bales– mixed grass hay  
*John Nelson Iron River 906-284-0349*
- ⊙ 5 open Holstein heifers. 1000-1100 lbs.  
*Dave Coppert Stephenson 906-753-2676*

## **Getting A Handle on BVD Fetal Infection**

When developing a bovine viral diarrhea (BVD) control plan, preventing the birth of persistently infected (PI) calves can be the key to reducing herd exposure risk. "PIs often serve as the source of BVD virus in the herd that can result in fetal infections the next year," according to Dale Groteluschen, DVM, Pfizer Animal Health. Understanding the effects of infection during gestation can help realize the importance of developing a plan to reduce BVD prevalence in your herd. The table to the right shows the effects of the BVD virus on unborn calves by approximate time of infection.

- *Hoard's Dairyman*

### **Effects of BVD virus on unborn calves by approximate time of infection**

<b>0-40 days</b>	Early embryonic death, resorption, abortion, return to estrus
<b>40-120 days</b>	Persistently infected calves
<b>120-160 days</b>	Fetal anomalies/ weak calves
<b>160+ days</b>	Birth of calves with serum virus neutralizing (SVN) antibodies to BVDV (calves have functioning immune system), increased risk of developing health problems

## Harvesting Frosted Corn for Silage

Even with some great corn-growing weather in August, the combination of tough spring planting conditions and a cool June/July has resulted in a lot of corn for silage that will still be in the field (and well below 30% DM) when the first frost occurs. Here are some suggestions for dealing with frosted corn.

- ⊙ Immature corn still has quite a bit of sugar in the plant. This acts like antifreeze, making milk-stage corn somewhat tolerant of a moderate frost. Even if the leaves get singed, as long as there's green leaf tissue—or even if only the stalk remains green—the plant will continue to mature. Don't jump the gun after the first frosty night, but this depends on how much frosted corn you have to harvest for silage.
- ⊙ Farmers often overestimate the drying effects of frost. They look at those crispy leaves and start chopping. However, leaves are only about 10% of whole plant dry matter. Much of the moisture (and yield) is in the stalk, especially the bottom half, and this often dries quite slowly. Harvest timing should be based on a dry matter test, not how the field looks from the seat of your pickup truck.
- ⊙ Once the plant is dead, if the husks are still tightly wrapped around the ear start harvest ASAP. A tight husk cover holds in moisture, and under warm conditions ear molds can start within a week after the plant dies.
- ⊙ A hard frost may kill many of the naturally occurring fermentation bacteria in your fields, so using a bacterial silage inoculants is highly recommended when ensiling frosted corn. (The same goes with alfalfa harvested after a killing frost).
- ⊙ Make sure you get a forage analysis before starting to feed it. Compared to well-dented corn, immature corn is often higher in protein but always lower in starch and energy. How much higher and lower? That's what you testing to find out!

- Ev Thomas, H. Miner Ag Research Institute

## E-Guide to Goat Management now Available

Dairy Goat Management: Best Management Practices is now available as an inexpensive CD and online as a free download.

The electronic publication was compiled and written by Wisconsin producer Clara Hedrich, Chilton, in consultation with long-time producer, Dan Considine, Portage and veterinarian Dr. Chris Duemler, Brodhead. The 118-page manual covers management practices including breeding to improve production, milking protocols, vaccination and herd health programs, kid-raising, facilities and equipment needs.

**The CD is available for \$5.00 by contacting Jeanne Meier, [Jeanne.meier@wi.gov](mailto:Jeanne.meier@wi.gov), 608-224-5121.** To download the publication for free, go to the Wisconsin Dairy Goat Association web site at [www.wdga.org](http://www.wdga.org)

## UPHBA 16th Annual Hereford

### Heifer Giveaway

The Upper Peninsula Hereford Breeders Association is once again going to give away a registered Hereford heifer to a youth between the ages of 10 thru 16 years of age. We want to help a young person get started in the cattle business with a top quality Hereford heifer. The heifer will be approximately seven months old and around 500 to 600 lbs. Several of the past heifers were at the UP State Fair and did very well along with their offspring. We are proud of the job the new owners have done with their heifer projects. The 2008 winner was Michaela Marks of Stephenson. If you are interested in applying for this free heifer just **send a letter by 10/15/09** to the secretary of the UPHBA, address: Glenn Hanson Jr., W7048 Co Rd. 356, Stephenson, MI 49887. Phone number is 906-753-4311

The letter should include the following info:

1. Why you want the heifer
2. What your plans for the heifer are
3. A story about your interest in cattle and in Herefords
4. Some info about yourself and your facilities you have to raise the heifer
5. Your address and phone number
6. A signature with your parents consent to apply for this heifer
7. Your age.

The only string attached to this heifer is that we would require that the recipient of the heifer show her at the UP State fair or your local county fair.

All letters must be in our hands by 10/25/09 as will be reading the letters and selecting three finalists to be interviewed at a later date so we can select the winner of the heifer. A farm visit may also be planned to each candidate.

## Chippewa Co. Fair Livestock Results

The Chippewa County Fair Market Livestock Sale had a good year. Held on Saturday, September 5, the sale total was \$141,839.75. The breakdown was as follows:

34 Steers- \$75,841.75  
70 hogs- \$34,003.00  
61 Lambs- \$22,062.50  
2 Goats- \$517.50  
12 Rabbits- \$1,345.00  
20 Chicken Meat Pens- \$4,785.00  
7 Turkey Pens- \$1,575.00  
6 Donations- \$1,710.00

Grand Champion Steer— James DeGreif, Pickford  
Weight 1305 lbs, \$3.25/lb. Total \$4,241.25  
Reserve Champion— Jeremy Sherlund, Cedarville

Grand Champion Hog— Alex Crimin, Sault Ste. Marie  
Weight 250 lbs., \$4.00/lb. Total \$1,000.00  
Reserve Champion Hog— Clay Erickson, Sault Ste. Marie

Grand Champion Lamb— Chelsey Thorne, Sault Ste. Marie  
Weight 140 lbs., \$7.00/lb. Total: \$980.00  
Reserve Champion Lamb— Chelsea Kronemeyer, Pickford

## Methods of Alfalfa Stand Assessment

Alfalfa is an expensive crop to establish and manage, but it is a very important forage crop that provides a good source of protein as well as necessary effective fiber, particularly for dairy cows. How often should your alfalfa stands in your farm be evaluated to determine whether it's worth keeping the alfalfa stands? Alfalfa thinning is a natural phenomenon after 3 – 4 years production. What's going to happen if you keep thin alfalfa stands? Thin stands of alfalfa may result in forage yield and quality loss, weed invasion, reduction in milk production, possibly reseeding alfalfa, and further reduction in farm profitability. Alfalfa stands can be assessed in either spring or fall but research in Wisconsin shows that fall is better than spring because it gives more time for planning, identify poorly performing fields that may result in potential winter injury, and saves time and money by not applying fertilizers in the fall to the thin stands of alfalfa. Alfalfa stands can be evaluated using a two-step process: 1) stem count and 2) digging plants to assess root and crown health.

*Table 1. Alfalfa Stand Density Recommendations*

Stand density (stems/sq ft)	Action	Predicted yield potential (assuming no winterkill)
>55	Stem density not limiting yield	Same as current year
40 - 55	Some yield reduction expected	If good health, same as current year; if >30% in category 4, significantly less
< 39	Consider replacing stand	If good health, same as current year; if >30% in category 4, significantly less

Stem count for yield potential: In evaluating alfalfa stands, stem count per square foot is a better indicator for yield potential than plant count since each plant has different numbers of shoots and counting plant numbers per unit area can mislead the forage yield estimate. Therefore, there is high correlation between dry matter yield and stem density. Steps for stem count per square foot: a) Mark off a 2-square section from three or four representative areas of the field, b) Count only those stems that are tall enough to be harvested by the mower (more than 2 inches tall), c) Divide your count by 2 to get stems per square foot, and d) Calculate the average stem count for the field. Stem density

(Dan Undersander et al, 1998) recommendations are shown in Table 1 and more details on root rating categories are shown in Table 2.

Crown and root health assessment: Digging alfalfa plants and checking the healthiness of alfalfa crown and roots can give an idea of yield potential for the next season and possibility of winterkill. Steps for assessing alfalfa crown and roots: a) Dig the plants having the top six inches of the root from three to four representative locations in the alfalfa field, b) Assess the crowns for size, symmetry, and the number of shoots present, c) Cut the middle of root lengthwise and evaluate root rot and discoloration in the crown, and d) Determine the percentage of alfalfa plants in each category. Table 2 shows the rating scales for alfalfa crown and roots and healthy alfalfa stands generally have fewer than 30% of the plants in ratings 3 and 4.

Table 2. Rating Alfalfa Crown and Roots

Rating	Condition	Winter survival
0	healthy, large crown, symmetrical, and many shoots	excellent
1	large crown, less symmetry, many shoots, and some discoloration	excellent
2	smaller crown, poor symmetry, fewer shoots, and moderate discoloration/rot	good
3	weak crown, less symmetry, fewer shoots, and significant discoloration/rot	good for mild winter; poor for hard winter
4	complete lack of symmetry, few shoots, and greater than 50% discoloration	poor
5	dead shoots and roots	-----

(Dan Undersander et al, 1998)

-By Dr. Doo-Hong Min, Extension Forage Specialist, MSUE/MAES

### 4-H Project Calves for Sale

Buckeye Spur Farm, Traunick, MI

Steers & Heifers

**Angus Cross, Simmental Cross, and Shorthorn Cross Breeding**

Any steer purchased that places in the top 15 in the ultrasound contest at the UP State Fair will receive a \$100 bonus check from Buckeye Spur Farm  
Contact Bob Buehrlly 906-446-3111 or Carl Buehrlly 906-446-3427

### Rainbow Packing Inc.

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906-786-7098

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<p><b>UP Tractor, Inc.</b>            Sales—Service—Parts  <b>Ritchie Waterers</b>            Zetor and Montana Tractors            Argo ATV's  <b>M&amp;W -Rhino-Kuhn</b>            14502 M-35 Rock, MI            Office: 906-356-6518            Home: 906-356-6289            dbartlett@uplogon.com</p>	<p><b>Ray's Feed Mill</b>  <i>Ration &amp; Crop Consultants</i>            FEED            SEED            FERTILIZER  <b>800-832-1822</b>  <b>906-466-2231</b>  <b>Bark River &amp; Norway</b></p>	<p> <b>Producers, Inc.</b>            St. Louis Sale every Monday            Marion Dairy Sale 3rd Friday of            each month. For dairy cattle call            Chad @ 517-294-3484 or            Paul @ 614-296-5038            Collection point in Escanaba            Call for more information            (989)681-2191</p>	<p><b>HANSON'S DOUBLE G HEREFORDS</b>            W7048 CO. RD. 356            Stephenson, MI 49887            Raising Quality            Herefords Since 1958  <b>PERFORMANCE TESTED BULLS &amp; FEMALES</b>  <b>FREE DELIVERY</b>            GLENN JR. 906-753-4311</p>
<p><i>Your source for Polled Genetics</i>  <b>Richlo Dairy Farms</b>            Engadine, MI 49827            Polled Holstein, Jersey, &amp;            Norwegian Red Bulls available!  <b>Employment Opportunities!</b>            For information on polled bulls in            AI, call Jonathan:  <b>906-477-6505</b></p>	<p><b>See Your Ad Here for            Only \$30 a Month!</b>  <b>Call 906-439-5305</b>  <b>For More Information</b></p>	<p>    <b>LINSMEIER IMPLEMENT, INC.</b>            N3522 US 41  <b>Menominee, MI 49858</b>  <b>RICHARD LINSMEIER</b>            BUS: (906)863-4479            HOME: (906)864-2987</p>	<p><b>GreenStone Farm Credit Services</b>  <i>At the heart of a growing America</i>  <b>90 Years of AG EXPERIENCE</b>            1801 N. Lincoln Road, Ste. A LOANS            Escanaba, MI 49829 AG TAXES  <b>(906) 786-4487</b> FARM RECORDS            CONSULTING  <b>FAX (906) 786-3450</b></p>
<p>  <b>Equity Cooperative Livestock Sales Association</b>            Bonduel, WI            Your Full-Service Livestock Marketing Agency!            715-758-2125            www.equitycoop.com</p>	<p><b>HUGHES WESTFALIA SURGE LLC</b>  <ul style="list-style-type: none"> <li>⊙ Surge pipelines</li> <li>⊙ Sanitation supplies</li> <li>⊙ Cow mats</li> <li>⊙ Ritchie Water Fountains</li> <li>⊙ Silo unloaders</li> </ul> <b>Call:</b>  <b>Larry @ 906-786-0806</b>  <b>Henry @ 906-786-7190</b></p>	<p><b>Chippewa County Farm Bureau</b>              President: Bruce Berkompas            Secretary: Carol VanderMate            10481 W. 17 Mile Road            Rudyard, MI 49780            906-478-3808</p>	<p><b>BERGDAHL'S Inc.</b>  <ul style="list-style-type: none"> <li>⊙ Cub Cadet, Troybilt, Bush Hog Equipment</li> <li>⊙ Simplicity &amp; White Lawn &amp; Garden Equipment</li> <li>⊙ Stihl Chain Saws &amp; Power Equipment</li> <li>⊙ New &amp; Used Construction Logging and Farm Equipment</li> </ul>           9345 US 41, Skandia 906-942-7344            Fax: 906-942-7326</p>

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## October Events

- 2nd **United Producers Feeder Sale** St. Louis Call 989-681-2191  
8th **Clare Co. Livestock Auction** 1 pm Clare, MI Call 989-386-9256  
9th **Northern Michigan Livestock Feeder Sale** Gaylord, MI Call 231-439-5679 or 989-732-5732  
10th **Chippewa Co. Lamb Pool** 9am-2pm Kinross Call 647-3304 or 647-2011  
14th **MDA Pesticide Exam** 9am Marquette Call 906-228-9998  
16th **United Producers Feeder Sale** Cass City Call 989-872-2138  
20th **Bay de Noc Sale** West Branch, MI Call 906-399-5510  
23rd **Northern Michigan Livestock Feeder Sale** Gaylord, MI Call 231-439-5679 or 989-732-5732

## November Events

- 2nd **MDA Pesticide Exam** 9am Marquette Call 906-228-9998  
5th **Clare Co. Livestock Auction** 1 pm Clare, MI Call 989-386-9256  
6th **MCA Graded Feeder Sale** St. Louis, MI Call 989-681-2191  
12th **MDA Pesticide Exam** 9am Escanaba Call 906-228-9998  
13th **Northern Michigan Livestock Feeder Sale** Gaylord, MI Call 231-439-5679 or 989-732-5732

## December Events

- 2nd **MDA Pesticide Exam** 2pm UP Experiment Station, Chatham Call 906-387-2530  
3rd **Clare Co. Livestock Auction** 1 pm Clare, MI Call 989-386-9256  
4th **United Producers Feeder Sale** St. Louis Call 989-681-2191  
10th **MDA Pesticide Exam** 9am Delta Co. MSUE Call 906-228-9998  
11th **Northern Michigan Livestock Feeder Sale** Gaylord, MI Call 231-439-5679 or 989-732-5732

## U.P. Agriculture Connection

**Ben Bartlett, DVM**  
Managing Editor  
Dairy & Livestock  
Educator  
(906) 439-5880  
bartle18@msu.edu

**Chelsea Martin**  
Publications Editor  
Extension Secretary  
(906) 439-5880  
Chelseamsu@yahoo.com  
Fax: (906) 439-5698

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