

# THE DEXTER BULLETIN

VOL. 44. NO. 3



OFFICIAL PUBLICATION OF THE AMERICAN DEXTER CATTLE ASSOCIATION THE ORIGINAL, FOUNDING REGISTRY OF DEXTER CATTLE IN AMERICA

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#### **American Dexter Cattle Association**



4150 Merino Avenue Watertown, MN 55388 952-446-1423 www.dextercattle.org





# The "BULLETIN" Board



# Highlighted in this issue...

Pg. 7 \*New Feature\* - Vet's Corner

Pg. 8 "Considerations for Responsible Cow Health Planning" by Robert Seddon

Pg. 13 & 20 AGM Show and Sale Results

Pg. 18 "Herd Management - Playing It Safe" by Sally Coad

Pg. 24 \*New Feature\* - Focus on Youth

Pg. 26 "Principles of Milking" by Michael A. Wattiaux

#### ON THE COVER...

Thanks go out to Sally and Warren Coad for their photo of FF Freedom's Frank and FF Freedom's Dean. They are out of FF R.C. Delaney and RFF Freedom's Aidan. Born on 6/22/05. Birth weights were 37 lbs and 40 lbs. Delaney had them without any difficulty and is caring for them both without any help from us (except putting them in a paddock by themselves so that Delaney does not have to compete for food). A beautiful summer photo with a promise for the future!

# \*President's Message\*

#### Hello All!

The American Dexter Cattle Association AGM was held last month in Springfield, Missouri and it was a huge success. There were so many involved in planning and implementation of this event but I would personally like to take this opportunity to thank the work of John Foley, Jim Smith, Joanie Storck and the entire Missouri Dexter Breeder Association for all of their work in making this year's AGM one of the most memorable ones. I would also like to thank Nancy Edge from New Zealand for the judging of the show part of the AGM and the very informative presentation on Classification of Cattle.

One of the most exciting announcements that was made at the AGM was that, through the efforts of Pam Malcuit and Mickey Bush, Region Seven (Texas & Louisiana) will be hosting a Dexter Display at the Houston Livestock Show and Rodeo in March of 2006. For those not familiar with this event, this is a huge opportunity for Dexter Cattle Breeders to show the world the attributes of these fine cattle. We are hoping to have no less than 40 animals. For additional information on how you can participate in this event, please contact Pam Malcuit at (936) 394-2606 or at mornstarranch@cs.com.

I received a letter from the American Livestock Breed Conservancy (ALBC) just after the last Bulletin. It stated the status of the Dexter breed has been upgraded from "Rare" to "Watch" list status. The ALBC stated in the letter that the change was brought about due to the fact that we had registrations of over 1,300 animals last year and that there are over 10,000 animals world wide. This is an outstanding achievement that can only be attributed to the success of the breeders of these animals here in the US and worldwide. Dexter breeders worldwide have shown dedication to the conservation of the Dexter Breed. Please take a moment to reflect on this achievement that all have been a part of.

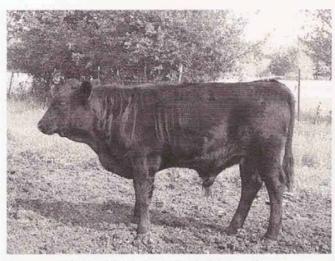
On the Chondro front, another 60 plus samples were sent in by our members to Bova-Can for testing. This brings the YTD total to over 200 animals tested. The awareness of our breeders and the number of animals being tested is very encouraging. I urge all breeders to consider testing your foundation stock as a herd management tool for you.

This month in the Bulletin, we have a feature article on The Principles of Milking. This is in response to member requests to have more information not only on the beef side of the Dexter breed but also on the milking. The article is from the Babcock Institute. Founded in 1991, the Babcock Institute acts as a crossroads for international dairy activities at the University of Wisconsin. Their mission is to lay the foundation for mutually beneficial ties between the U.S. dairy industry and the rest of the world. They have a great web site with some wonderful articles on milking and dairy production. The web site can be found at

#### http://babcock.cals.wisc.edu/index.en.html

I will close on a personal note .....The Celestial Herd is on the move ....I have recently accepted a position with Weyerhaeuser Co. and will be relocating to the Albany area of Oregon. We will be looking for a new and hopefully larger farm to expand our herd. I will keep you all up to date on this ......

Chris Ricard ADCA President



"Corvus" from the Celestial Farms Herd

You are invited to join us at the

# HOUSTON LIVESTOCK SHOW AND RODEO

At Reliant Park Houston, Texas

It is with great pride and pleasure that Region 7, Louisiana and Texas, invites you to join us in a premium Dexter Cattle Show and Sale at the internationally famous Houston Livestock Show and Rodeo in Houston, Texas, in March of 2006!

We will be part of the Open Cattle Show scheduled as follows:

Friday, March 10: Cattle move-in @ 7:00 A.M. to Reliant Center

(Must be in place by 5 P.M. and checked in by 7 P.M.)

Saturday - Sunday, March 11-12: Exhibition of milking cows, oxen,

well-conformed animals, video, photographic and

printed display.

Monday, March 13: Dexter Show @ 3:30 P.M.

Monday, March 13: Release cattle upon completion of show

Dexter Cattle Sale @ 7 P.M. – Reliant Arena Sales Pavilion (The Reliant Arena is located 150 yards across the parking lot from Reliant Center).

Folks, this is an amazing opportunity offered to Dexter Cattle Breeders to show the world how wonderful these little cattle really are. Your attendance and participation are most important! If we put on a wonderful show and exhibit with breeders there to answer the public's questions, not only will the world become more aware of these great animals, but we can hope to be invited back in future years to this most prestigious event!

For more information,
Please contact Pam Malcuit (936) 394-2606
mornstarranch@cs.com

Start training NOW!

# «A Message from the Vice President»

There will be enough said by others about the AGM that I will try not to cover what everyone else has said.

First classification. It was decided to bring the question to the members at the AGM as to whether the membership still wanted to have classification done. It was voted on that the members wanted to continue with the program. The Classification committee has been working on a new format and will try to have it ready to go by the first of the year. Any suggestions or comments should be passed on to the committee.

Second. We will be having elections for directors of the following regions this fall:

Region 9; Delaware, Washington, DC., Kentucky, Maryland, Pennsylvania, Virginia, and West Virginia.

Region 10; Indiana, Michigan, and Ohio.

Region 11; Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont.

Region 12; Iowa, Minnesota, Wisconsin, North Dakota and South Dakota.

If anyone would like to run for these positions, or to nominate someone for these positions, please contact the Secretary for a nomination form.

Tom Gray



# Welcome New ADCA Members!



#### **APRIL 2005**

Robert Asher
Don & Judy Campbell
Julie & Zina Darling
Byron & Monica DeLoach
Mike Etchart
Don & Lori Hall
Leslie & Carol Mackey
Tom & Renee McQuade
Jason Molnar
Tom & Darleen Oelhafen
Hank & Pam Racette
Mary Schmidt
Norman Thomas

Molly Wathen

Hartville, OH
Northfield, MA
Eau Claire, MI
Chickamanga, GA
Fruita, CO
Lebanon, MO
Abilene, KS
Calder, ID
Petersburg, MI
West Bend, WI
New Boston, MO
Toledo, OH
Emporia, KS
Reed, KY

#### **JUNE 2005**

Julie DiLaurenzio
Greg Good Pasture
Samantha Hodson
C. A. James
Luther Lloyd II
Ann McCrummen
Mike & Kathy Merritt
Chip Mertens
Edward & Allison Murphy
Mila Nelson

Bethlehem, CT
Terlton, OK
Flowery Branch, GA
Coweta, OK
Deland, FL
Fredericksburg, TX
Maple Valley, WA
Charlestown, IN
Spring Hill, FL
Ellensburg, WA

#### **MAY 2005**

Darrel Aden Nemaha IA Yvette Anderson Willow Springs, MO John Barzinski Normangee, TX John Burns LaBelle, FL Heather Christman Sarver, PA Jill Eichner Saxonburg, PA Jim & Megan Gerritsen Bridgewater, ME Jeannette Hammons Watertown, TN Henry & Jennifer Howard Mena, AR Bonnie Jameson Cane Hill, AK Pomaria, SC Renee Leitzsey Matthew McCray Brashear, TX Ron Richardson New Canev, TX Roberta Rollins Labadie, MO Kim Ross Luray, VA Herbert & Wendy Temple Applegate, OR Nick Thomas Canadian, TX Sandra Vandenburg Hastings, MI Terry & Barbara Walker Colville, WA

#### **JUNE 2005**

Robert Peeler Purcellville, VA
Kevin Schrat Lebanon, MO
Bernard Skelly Earlton, NY
John & Helen Spain Carthage, MO
Kenneth Thorp Grampion, PA



# VET'S CORNER By Chris Odom



I would like to take this opportunity to introduce myself, Chris Odom-Block Creek Ranch. Recently at the AGM in Springfield, Missouri, it came to my attention in various conversations that one of the things we as an Association need is a place to obtain answers to health related questions about our little Dexters.

Growing up and being in the cow business with my dad in the 50's in East Texas, we saw diseases that have since been eliminated or vaccines created (screw worm, blackleg, brucellosis) and new ones take their place.

I don't claim to know all of the health issues that face us as owners today, but I do have a very good friend who is a qualified individual who does know all the answers—Laird Laurence D.V.M.. I got back from the show and asked Dr. Laurence if he would help us to better understand the health issues we as owners might have. He told me he would be happy to help.

With that being said, I have asked the editor for some space in the Bulletin for a column called "Vet's Corner" where owners can e-mail their health questions to be answered by a veterinarian. I am

asking you the members to help make this successful by e-mailing your questions to: vetscorner@blockcreekranch.com .

We will take the 5 questions most asked each quarter and publish the answers in the column. I'm sorry we won't be able to answer each and every e-mail received but hope you don't mind if we use individual's names that sent in questions from time to time. We have new members who may not have as much experience with cattle as some of you out there, so it's important that you more experienced members ask questions also. Dr. Laurence will deal with the scientific information available with each question. We know that there are home remedies and alternative treatments that some owners use and we respect that. In some cases, we will mention those if we know they have merit.

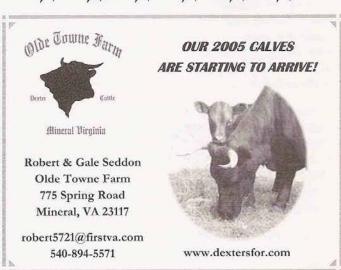
Our ultimate hope is that new members won't have to "reinvent the wheel" as far as the health issues of their little cows are concerned. One of the new goals of the ADCA is to provide competent, helpful information to the new members and owners. There are no bad questions to ask, I try to learn something new everyday.

The views and opinions contained in "Vet's Corner" are not necessarily those of the ADCA. The ADCA encourages you to always seek professional medical advice, diagnosis, or treatment from a qualified veterinarian in your area.



3 Generations...well almost! Heather, Ring and Rafferty Courtesy of John Potter







# Considerations For Responsible Cow Health Planning

Robert S. Seddon ADRN



Before we can talk about vaccinations and whether or not to employ them in your breeding program, we first need to understand how the immune system works and what types of immunity are and how we get them. This is the first in a series of articles that I hope will cover the entire topic reasonably, so I call it "Immunity 101".

I am sure that we have all heard the good old "We have a closed herd, and don't do anything at all" approach to this topic, and I really need to wonder about it. If you NEVER buy a cow or calf, and NEVER sell a calf from your herd, this holds somewhat true, but how many of us can really say this? Even if you never vaccinate, your bovines will gain a level of immunity to the normal bacteria that exist in their environment as their own immune system will generate antibodies as they are exposed to them.

What about a deer or two running through your field and exposing them to Hoof and Mouth Disease strain another new of pathogenic organism? What about a fly landing on the eye orbit of a cow with pink eye, and then traveling up to three or more miles to land on your cows eye? (Flies can travel up to three miles on their own, but what if they are transported in a stock trailer or truck?) These are all scenarios that we need to evaluate and make decisions about as we

formulate a responsible health care plan for our herds. It only takes one outbreak of something to quarantine and destroy what you have spent a lot of your energy and life to build.

The immune system is a part of the animals lymphatic system that deals with the production of Lymphocytes, Monocytes and Phagocytes (Macrophages) that protect the animal from foreign bacteria and viruses by producing antibodies, mounting a cellular level attack on the foreign bodies and by Phagocytosis (Engulfing and eating the foreign cell or virus).

Natural Immunity is a genetic predisposition present in the body at birth, which is not dependant on previous exposure to a pathogenic organism to produce antibodies or to mount a response from the immune system. Dexter cattle as a breed seem to be blessed with a strong natural immunity that will assist in warding off many of the usual calfhood problems that are evidenced in many other production breeds.

Acquired Immunity comes in two types, active and passive, and is the main part of what this article will deal with.

Acquired Active Immunity is gained through exposure to the disease and the resultant production of antibodies against it, or through vaccination with a modified or half dead pathogen or toxin that stimulates the lymphocytes to produce antibodies against it without actually getting the disease. Obviously, the second way to get active

immunity is preferable.

Acquired passive immunity is what one gets by injecting antibodies produced another animal into diseased animal. This type of immunity is deployed when immediate protection needed such immunoglobulins given to a very sick child, or antitoxins to treat a snake bite. Acquired passive immunity is also applied by passage of the immune bodies through mother's placenta before birth and through ingestion of colostrum in the first 12 hours after birth.

(After the first 12 hour window, the semipermeable membranes in the calf's intestines and GI tract change to a state where these antibodies can no longer be absorbed into the calf.) This passive immunity is powerful, but short lived, as the calf has no mechanism to produce more of the antibodies as they wear out over time (about 6 to 8 months on the passive immunity from the colostrum) and this is where the acquired active immunity from vaccination should be applied, as the calf will make the antibodies itself and gain the mechanism to continue to produce them.

With this information in mind, one next needs to construct a biosafety profile for their own farm. Each farm has its own set of circumstances and farm practices to deal with, and I will only cover a few here.

(Continued from page 8)

Low Level Biosafety: No animals are brought in as replacements or for breeding, and the nearest bovine facility is over 25 miles away. No other farms equipment will be used or brought on to the premises. Few or no visitors.

Mid Low Biosafety Level: Only a few animals are brought into the farm over a year, but have full vaccination and health papers before entering. New animals are quarantined for 4 weeks before exposing them to the herd, and are evaluated by a professional veterinary before release. An occasional stock trailer is brought in to deliver or take animals out of the farm.

Mid Level Biosafety: 5 or more cows/steers/bulls are transported onto the farm over a year, all incoming animals are fully vaccinated with health papers from a veterinary, no quarantine is used for the incoming animals. Other farms equipment is in use, and there are other bovine facilities within 5-10 miles.

High Level Biosafety: 10 or more animals change hands per year on the farm, vaccination records of the incoming are incomplete or non existent, stock auction activity is common, many visitors and trailers/equipment are coming and going, heavily populated bovine area.

My farm is in the Mid Low Biosafety category, and due

to that fact I need to form a vaccination plan for my animals. I have said nothing about if you sell a calf or two, as from what I have seen many run on the "Buyer Beware" principle. Even if there are no diseases on your farm, that calf is going out into the cold dark night with no pajamas on if he is not vaccinated, as he might have natural active immunity against what is on YOUR farm, but what about where he is going to? Many buyers are new to cattle and not aware of these considerations when they first buy a calf, and I have heard more than a few bad tales about the outcomes. All of our calves are sold with a full set of vaccinations and a full set of boosters after a month, full health papers from our vetinary, and transfer to the new owner paid for in the sale price.

The next installment on this series will deal with taking the Biosafety Levels and designing a vaccination plan that suits your own farm and conditions.

Please remember that this is an over simplified presentation of this topic, and I would appreciate any comments or suggestions to try to make this easier to understand and educational.

Robert Seddon Olde Towne Farm Mineral, Va. Robert5721@firstva.com 540-894-5571

# GRANDMA'S DEXTER FARM

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www.windinglanefarm.com

Regions 2 & 3 Sandi Thomas, Director

### Hello from Oregon!

We (4 members) just covered 5300+ miles, leaving Oregon with 24 Dexter cows and calves and returning with one new Dexter heifer to deliver from the Sale.

We attended the AGM in Springfield, MO and had a great time! It's encouraging to see so many members active and involved in the continuing growth of our ADCA.

Region 2 (with invitations to Region 3 members also) just wrapped up our "Dexter Daze" Meeting and Dexter beef Bar-B-Que. About 30 of us had more than enough to eat and drank gallons of lemonade on a warm and sunny afternoon.

There was a lot of interest shown in the display of tools available for use in banding bull calves and de-horning.

I want to thank all those that made the trip to join us. I wish more of you could have attended. We always enjoy visiting and sharing photos and experiences with fellow Dexter owners.

Please contact me with any ideas or suggestions you have to improve the activities and services to our Region. I'm still hoping we can set up a meeting in each of our states so that everyone has the opportunity to attend and be involved.

If you have animals to sell, be sure to let me know. There is a strong market but transportation still seems to be our greatest handicap.

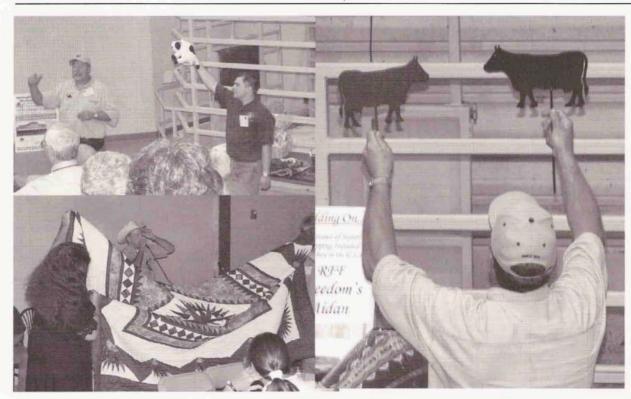
You can reach me by mail at:

PO Box 135 Antelope, OR 97001 Phone: 541-489-3395

email: sthomas@palmain.com

Please feel free to contact me with concerns, suggestions or for assistance. I'll do my best to help!

Sandi



White Dexter Sale

# A Note from The Editor...

Hope you are all enjoying your summer! I regret that I could not attend the AGM. I heard it was a great time - the best in years! Congratulations to all of you who made it possible. You can bet I'll be there next year!

I had a lot of fun putting this issue together. Between the AGM photos, some great articles and a few new features, the Bulletin is really evolving. Thank you to the many contributors.

Oh...and since everyone else had their picture taken, I thought it only fair that I had mine taken too!

Watch for the ADCA 2005 Membership Directory coming out soon!

Lucy Glover, ADCA Editor

# Coyote Crossing Ranch

Registered Dexter Cattle 7190 Alt 90 Seguin, TX 78155

2004 bull calves for sale

George & Sharon McCallister 830 303-4667 mccgs1@yahoo.com 830 660-7814



### **BULLETIN DEADLINES**

Deadlines for submission of articles, photos and advertising for the 2005 Dexter Bulletin are as follows:

Spring Issue: March 15 Summer Issue: June 30

Fall Issue:

September 15

Winter Issue:

November 15

**Bulletin Publishing Date:** 

Spring Issue: April 15 Summer Issue: July 30

Fall Issue:

October 15

Winter Issue:

December 15

# Thomas' Dexters

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#### **Dexters for Sale**

True Red Heifers & Bulls Photos & Extended Pedigrees on Request

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Sizes: Extra Small, Small, Medium & Large Colors: Black, Red Blue & Green Nylon Web with Control Chin Chain \$19.00 each plus postage

Dexter Semen Available

Briarwood Blaze O'Glory #10329 44" at 8 yrs. \$25/straw + S&H Red DNA E+/e

Thomas' Prides Red Baron #4882 42" at 4 yrs. \$25/straw + S&H Red DNA E+/E+

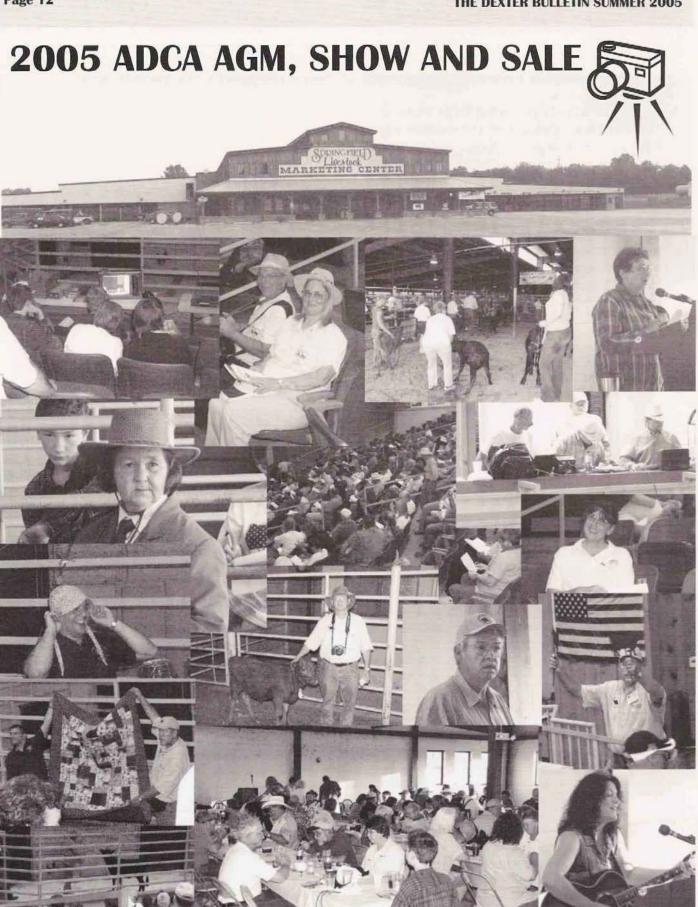
Thomas' Magic Pride #3848 40" at 3-1/2 yrs.

\$15/straw + S&H Black w/red DNA ED/E+ Thomas' Reu' Grande" #3847 40" at 3 yrs.

\$15/straw + S&H Black w/red & dun ED/E+

Great dispositions, Proportionately built (Long Legs, Horned)

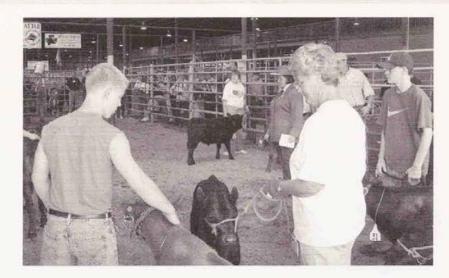
Good Dual-Purpose Milk & Meat Producers!



# **2005 ADCA AGM SHOW RESULTS**

		Animal Name	Breeder	Owner
Class No 1:	First	Hazybrook Fire n Ice	Danny Thomas	Danny Thomas
Heifer Calf	Second	SGF LCIN Lindy	John Potter	Rick Seydel
Less Than 6 Months	Third	Timberview Lady	Rick Seydel	Rick Seydel
Class No 2:	First	BDF Aolfe	Dick Clark	Dick Clark
Heifer Calf	Second	Hilda of Diamond	James Bennett	James Bennett
6 Months to 1 Year	Third	Thomas' RY ShoNgo	Sandi Thomas	Sandi Thomas
Class No. 3:	First	RR Lindy	Richard Reid	Dick Clark
Yearling Heifer	Second	SMD Ceti Navis	Jeff Chambers	Jeff Chambers
	Third	Rosa of JP Farms	James B Wilbur	James B Wilbur
Class No. 4:	First	SMD Menkar Ceti	Jeff Chambers	Jeff Chambers
Young Cow	Second	Lazy EA Sissy	Louis & Brenda Anderson	Scott & Judy Nocks
2 to 4 Years of Age	Third	Lazy EA Alpine	Louis & Brenda Anderson	Scott & Judy Nocks
Class No. 5:	First	Rainbow Hills Alana	Jerry Starns	Brenda Stringham
Young Cow	Second	Rainbow Hills Noel	Jerry Starns	Brenda Stringham
Over 4 Years of Age	Third	Rainbow Hills Kylie	Jerry Starns	Brenda Stringham
		TANKE OF THE PERSON		Ch. Carrie March
Class No. 6	First	SMD Menkar Cetl	Jeff Chambers	Jeff Chambers
Cow Calf Pair	Second	Lazy EA Sissy	Louis & Brenda Anderson	Scott & Judy Nock
	Third	Lazy EA Alpine	Louis & Brenda Anderson	Scott & Judy Nocks
Class No. 8:	First	Hazybrook Big E	Danny Thomas	Danny Thomas
Bull Calf	Second	Timberview Lucky	Rick Seydel	Rick Seydel
Less Than 6 Months	Third	CJS Yanke's Rip	Scott & Judy Nocks	Scott & Judy Nocks
Class No. 9:	First	MCC Sugars Shamus	David McCready	Dick Clark
Bull Calf	Second	SMD Vigo Navis	Jeff Chambers	Jeff Chambers
6 Months to 1 Year	Third	Prairie Reb	Bill Werner	Martin & Ruby
- Carlon Carlo			AUTO-COLOR	Fadner
Class No. 10:	First	SMD Merak Draco	Jeff Chambers	Jeff Chambers
Yearling Bull	Second	Thomas' RY Red Dashan	Sandi Thomas	Sandi Thomas
	Third	Thomas' RY Red Jamaca	Sandi Thomas	Sandi Thomas
Class No. 11:	First	SPDSS Sammy	Anthony Bauer	Tammie King
Mature Bull	Second	Glen Land Mr. McRed	Wes Patton	Sandi Thomas
	Third	Wendy's BLZ Red Irish	Wendy Fultz	James Bennett
GRAND CHAMPION FE	EMALE:	RR Lindy	Richard Reid	Dick Clark
RESERVE CHAMPION	FEMALE:	SMD Ceti Navis	Jeff Chambers	Jeff Chambers
GRAND CHAMPION M.	ALE:	SPDSS Sammy	Anthony Bauer	Tammie King
RESERVE CHAMPION MALE:				

# A G M



# SHOW W

### **DIRECTIONS FOR TATTOOING**

The success in securing a lasting tattoo mark depends entirely upon the operator.

A few simple rules must be observed:

- 1. Halter or muzzle the animal, if necessary.
- Cleanse the area to be tattooed using a cloth dampened with a cleansing fluid, such as alcohol, to remove dirt, grease and wax.
- Insert the correct symbols in the pliers and press down very firmly over the needles a thin rubber sponge pad. This pad helps to release the needles from the Skin.
- Check the correctness of the symbols by making a mark on a piece of paper.
- Smear ink on the needles and on the skin, choosing an area free from freckles and warts if possible. Place the symbols parallel to and between the veins or cartilaginous ridges of the ear. The accidental piercing of a vein may spoil the tattoo.
- 6. Make the imprints with a quick firm movement and immediately apply a further amount of ink from the container on the ear and rub vigorously and continuously for at least fifteen seconds to ensure penetration. This is very important. The most effective method is to rub thumb and forefinger, though a brush may be used.
- Remove the rubber pad and rinse it and the needles in water, then dry. The sponge rubber pad should be discarded when it begins to lose its elasticity. The brush, if one used, should also be rinsed.
- 8. Do not disturb the area until the healing process is complete, which may be from 5 days to 21 days, depending on the age of the animal.

Keep a list of tattoo numbers with name of animals and enter same in your private breeding record.

# The tattoo letter for 2005 is "R"

### **TATTOO LETTERS FOR YEARS:** G-1997 T-2007 A-1991 M-2002 B-1992 H-1998 N-2003 U-2008 C-1993 V-2009 J-1999 P-2004 W-2010 D-1994 K-2000 R-2005 X-2011 E-1995 L-2001 S-2006 F-1996 Y-2012

Region 4
Carol Ann Traynor, Director

### SUMMER CATTALES

"Summertime, and the livin' is easy......" It's such a treat to see my Dexter cattle with their calves grazing in a beautiful green pasture!

In the southwestern regions, special attention needs to be given to our Dexter grazing pastures. Small pastures are particularly susceptible to overgrazing. Managing small pastures is just the same as managing large ones and equally as important since we all need to be good stewards of the land. A favorite quote from my extension agent is, "Treat the land as well as you treat your animals."

Grazing animals need 2-3% of their body weight of airdried forage daily. Thus an 800 pound Dexter needs approximately 20 pounds of air-dried forage a day or 620 pounds of dry forage per month. To estimate a pasture's total carrying capacity, take the estimated dried forage production/acre, divide by 2, and multiply by the number of acres. This is a pasture's total available production that will sustain the existing desirable vegetation.

#### POINTS TO REMEMBER

- Be sure grazing is not so severe that it will reduce grass productivity. If so, reduce grazing time and increase time for the pasture to "rest".
- Use rotation grazing to refine the principle of "Take Half and Leave Half," allowing you to manage your pastures more intensively.
- Pastures that have been historically abused may need an application of a broadleaf herbicide to suppress weeds and aid in naturally re-establishing grazing forage dominance as well as planned application of fertilizer (test soil for fertility needs) and possible re-seeding.

Irrigated pastures can experience a 'washing away' of minerals that occur naturally in the soil.

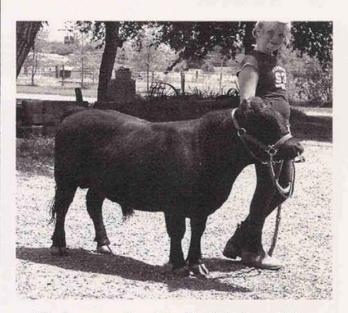
(I supplement my irrigated pasture-fed Dexters with a free choice loose mineral supplement high in copper, a mineral low in my area). Check with your extension service or veterinarian for specific requirements in your particular situation.

A Word of Warning: Kochia (weed) is a high protein, quick growing palatable forage for cattle and is very common in my area. (I've known some farmers who cut and bale it for feed in dryland or emergency situations.) However, long periods without moisture followed by rain can cause a rapid growth spurt in the plant, causing it to pull selenium up into itself which can result in selenium poisoning for grazing livestock!

I'm sure your Dexter operations are like mine this time of the year, lots of careful attention to costs in the hope of producing a positive financial return. For those living on a few acres, financial returns are small on an investment basis (< 5%). Careful pasture management can increase your chances for a good return on your agricultural investment.

Have a great summer Dexter grazing experience!

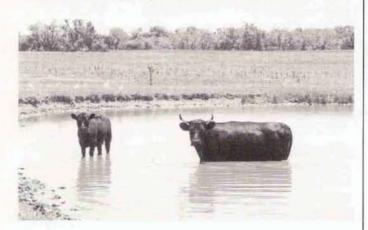
Carol Ann Traynor, ADCA Director Region JV



This is my granddaughter, Charli Harker, with her yearling Dexter bull calf 4-H project.

Region 6 Joanie Storck, Director

### Hello to all you from the Mid-west.



Region 6 is bustling with activity and that was apparent at the Dexter gathering in Springfield Missouri. The region was well represented at the Annual General Meeting with members from all three of our states showing and selling cattle. Each one of these breeders brought several cattle to help new owners start or increase the number of cattle in their herds. The quality of cattle that are raised in this region was evident by the animals exhibited.

From Kansas: Storck's Rainbow Ranch and White-O-Morn Farm.

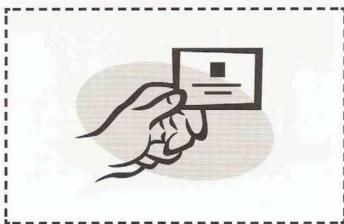
From Nebraska: Silver Maple Dexters.
From Oklahoma: Moser/Porter Ranch.

Thanks to all of you that participated by selling and showing. Congratulations to the new owners of these fine cattle.

Look for more exciting events in the Region and anytime you are traveling through our part of the country please feel free to stop and visit with some of our breeders. The hospitality is second to none.

# Blessings from the plains of Kansas, Joanie Storch





# Do you have a business card?

If so, place it right between the dotted lines.

This is a 1/8-page size ad in the Bulletin.

You can reserve this space for just \$15.00 for one issue or \$50.00 for 4 issues.

Contact Lucy Glover, ADCA Editor, NOW!

Space is still available for the Fall Issue.

Full ADCA Bulletin advertisement pricing and contact information is on page 38 of this Issue of the Bulletin.

Or call Lucy at 715-462-4555 or e-mail: Iglover@haywardtechnical.net for more details.

Region 7
Pam Malcuit, Director

### What great news we have from Region 7!!

Thanks to a lot of hard work in laying the groundwork and talking to the right people by Mickey Bush, Dexter Cattle will be part of the 2006 Houston Livestock Show and Rodeo! What a wonderful thing it is for our little cattle to be part of the greatest international livestock show in the world!

Cattle move in on Friday, March 10, and the Show and Sale will be on Monday, March 13. We will be part of the "Specialty Cattle" show and exhibition. It is our plan to have youth classes as well as adult classes. We hope all regions will be represented at the show as it promises to be quite an event. If we do well and have quality animals at this show, then hopefully we will be invited back next year. It is a real triumph for us to be included this year. Please help us make this the best show ever!

That brings us to the point where I have to ask for volunteers to help put this together and work the show. Please do step forward to lend your assistance in whatever capacity you are able. It will be most appreciated. I am a novice at this sort of thing, so will need lots of help.

We hope to have a meeting this fall with Jacky Lewis hosting in Crockett, TX. More will be coming on that in our regional newsletter. At that meeting, we can set up committees to handle the many tasks. We will

have to put on a great show and sale as well as exhibition of cattle. This will take a lot of manpower so the same folks aren't stuck with doing all the work. If we divide it up a bit, everyone can enjoy the Dexter shows and still have time to roam the whole Livestock Show.

Your next newsletter will contain the nominations for regional "title" for you to vote by email or snail mail. Sorry to be slow on the website and newsletter. My computer hard drive bit the dust and took everything with it. Couldn't save anything!

I now have to rebuild the website from scratch. If you sent me pictures, I no longer have them. They, too, are gone forever into the abyss that once was my computer.

We had terrific representation at the AGM in Missouri. Lots of folks from Texas and maybe a few from Louisiana were there to enjoy the festivities. Thanks for being such good sports during the white Dexter auction, and thanks for being such supportive folks.

We do have a most energetic and enthusiastic membership here in Region 7, and I am proud to be associated with you! Keep up the good work!

Thanks to all of you.

Pam Malcuit



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# Herd Management "Playing It Safe"

Sally Coad, ADCA Director Region 8



Summer has arrived and calving seasons are in full bloom. I want to take this opportunity to remind folks on the importance of good herd management. We have a friend here in our area of North Carolina who bought a small "starter pack herd" of 3 young heifers (not Dexters, but this warning is not breed specific). As I am driving home from the AGM in Missouri, I get a call from this friend (let's call him Charles). Well Charles was worried about one of his 15 month old heifers. She was showing labored breathing and "stuff" coming from her hind end (surely you have realized that Charles is NOT an experienced cow hand). I indicated to Charles, "well, sounds like she is in labor". "No...can't be", he offered in a panic. He has had them for nearly 12 months and he hasn't a bull on the lot. So, I tried going through things in my head - other than labor - that this heifer could be presenting with and between trying to manage a full trailer, the rain and the West Virginia Mountains, I told him to call the house and talk to Warren - he had FAR more experience with commercial breed cattle than ١.

To make a long story shorter, Warren went over to Charles' and the heifer was indeed in labor. Charles did the math and figured he really only had the heifer for 8 months, not a year. Once Warren saw the heifer was in labor, he explained to Charles that she was awfully young - but first time heifers could take a few hours to actually have the calf since it had appeared she had just started this behavior and that he should call the vet even if it was just to apprise him of the situation. This was at approximately 8:30 pm.

I drove onto our farm at about 2:00 am and still no word from Charles. We decided that all must be fine and we will hear of the birthing in the morning. We unloaded our travel weary animals who flew from the trailer and kicked up their heels in glee of solid ground, fed, watered and headed in for the "evening". At 9:00 am we got a call from Charles. Happily I asked him how it turned out...waiting for a "bull or heifer" type response. Instead, he stated "she is still in the same stage of labor as last night". Horrified, I reminded him that that was over 12 hours ago. He NEEDED to call the vet (whom he had NOT contacted the night before). Of course, we all probably know the end of this story, especially those with any commercial cattle experience. The calf had died and was too big for the small heifer to pass.

Charles had some difficult choices - none would have

brought the calf back to life and unfortunately for the age and size of the heifer, none would give the heifer more than a 5% chance of survival. He brought the heifer to slaughter where she luckily was still able to walk off the trailer and was put out of her misery and supplied some beef for Charles' freezer. This was a long (but true) story that may happen more than we want to hear about - in all breeds of cattle. In fact, we purchased several Dexters and one heifer out of that group, represented to us as being covered by a specific Dexter bull on the property and indeed she did take. So now we have a 19 month old heifer very heavy in calf ready to deliver in the next 2 weeks. We are hoping for a safe arrival - but realize that this heifer is at least 6 months shy of the age we breed them to calve. Luckily she is pretty big and the vet feels there should not be an issue but Warren and I adore ALL our cows and have the baby monitor hooked up and have taken all the advice our vet could give us.

Here are some things that were suggested to us by our vet:

- Monitor the heifer closely. Be aware of labor signs. (After Charles' incident, he confessed that he DID wonder why her udder was filling up for the past 2 weeks.)
- Do NOT overfeed. 100% of the feed goes to the calf in the last 3 weeks or so of gestation. The calf can grow a pound a day during this time making it more difficult for the dam.
- 3. Be prepared to make decisions...quickly. We have already decided that if the heifer appears to be having difficulty, we are willing to trailer her to the hospital for a C-Section. We already know the cost and the odds. It is a decision each individual has to make.

BUT the number ONE suggestion I can make (as well as the Vet)..., don't let heifers get bred by the herd (or any other) bull before they are old enough! In our opinion, that means a minimum of 14 or 15 months. Since we have some very small Dexters, we sometimes hold them back from breeding until they are 18-20 months old. It is just something else to think about. If you think your heifer has been bred before weaning and separating from the herd – contact YOUR vet to see what he/she suggests. There are drugs that can "reasonably safely" terminate an early pregnancy so that you do not have to risk losing the heifer during freshening.

Continued from page 18)



#### **UPDATE:**

We are happy to announce that on June 29th, our young heifer gave birth to a big healthy bull we have named "Windgate Honest Abe". Both heifer and bull are doing great!

Here is a picture of the heifer (Daisy Mae) and her bull calf (Wingate Honest Abe). We do not have a weight on him because we did not want to interfere at all with the bonding process of dam and calf since she was so young. She turned out to be quite maternal and is a wonderful dam.

Sally Coad



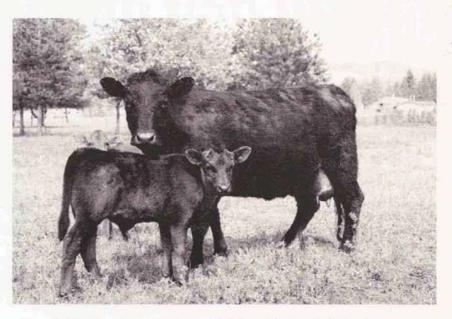


Celestial Farms would like to thank
Mila Nelson of Ellensburg, WA for
her purchase of our Red Bull
Celestial Oberon.

Celestial Farms is a breeder of Black and DNA tested Red Irish Dexter Cattle. We have heifers, and bulls available from our champion stock. Please contact us for a free brochure, photos, video and pricing.

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### AMERICAN DEXTER CATTLE ASSOCIATION Sale Results June 11 2005

Sale Order	Catalog No	Class	Animal Name	Owner	State	Buyer No	Buyer	State	Sale \$ Price	Class \$ Total	Sold \$ Avg
50	1	1	Wendy's RY Red Garnet	Wendy Fultz	OR	12	Larry Baumgardner	TX	2050		
48	3	1	Timberview Lady	Rick Seydel	IA	17	Clay Adams	KS	850		
51	2	1	SGF LCIN Lindy	Rick Seydel	IA	22	Sandi Thomas	OR	2350		
45	10	1	Hazybrook Fire n Ice	Dan Thomas	IA	72	Sally Coad	NC	2400		
12	7	1	Rainbow Freda	Joanie Storck	KS	75	Ted Anderson	MO	750		
5	6	1	Rainbow Callie	Joanie Storck	KS	98	Larry Petty	MO	725		
9	8	1	D & L Dixie	James Smith	MO		No Sale Reserve		0	9125	1,521
47	12	2	Hilda of Diamond	James Bennett	МО	8	Mickey V Bush MD	TX	1225		
3	18	2	Francess Of The Storm	Lyle Bangart	WI	18	David Jones	TX	675		
1	15	2	Cushings Lil Sadie	Steve Cushing	MO	63	Maureen McCready	TX	420		
54	14	2	MP Sweety	Guy Porter	OK	81	Roy Plumb	OK	975		
32	17	2	Sunset Ranch Amber	Jacky Lewis	TX	89	Scott & Rhoda	KS	750		
39	11	2	Thomas' RY Red ShoNgo	Sandi Thomas	OR		No Sale Reserve		0	4045	809
18	20	3	Thomas' RY Blk Bobidy	Sandi Thomas	OR	12	Larry Baumgardner	TX	1275		
13	22	3	Peppermint Patty	Bart Phillips	MO	63	Maureen McCready	TX	700		
23	27	3	Rainbow of JP Farms	James Wilber	MO	65	Bart Phipps	MO	1400		
28	26	3	Okie Pearle	Guy Porter	OK	79	William Wright	MO	775		
7	29	3	Woodland Judy	Steve Cushing	MO	82	Gene Pittman	OK	875		
41	34	3	Ladys Red One	Lyle Bangart	WI	83	John A Hinkley	TX	1025		
4	31	3	Rainbow Sally	Joanie Storck	KS	89	Scott & Rhoda	KS	975		
37	35	3	MP Dandy's Ápril	Guy Porter	OK	89	Scott & Rhoda	KS	975		
49	30	3	B & E Spring	Ruby Fadner	MO	89	Scott & Rhoda	KS	1000		
44	28	3	Rosa of JP Farms	James Wilber	MO		No Sale Reserve		0	9000	1,000
53	36	4	Thomas' BLZ Blk Deena	Sandi Thomas (	donated)	83	John A Hinkley	TX	2200	2200	2,200
29	54	5	SJ Nora	Joanie Storck	KS	38	William Burton	МО	1275		
26	49	5	Briscoe's Elaine	Jacky Lewis	TX	84	Craig Rodenberry	KS	500		
31	47	5	The Key's Darlas Darlin	Jacky Lewis	TX	84	Craig Rodenberry	KS	875		
40	43	5	True Grit Breeze	Ruby Fadner	MO	86	Jammy King	IA	975		
15	45	5	Birchwood Meggie	James Smith	MO		No Sale Reserve		0		
34	46	5	Cottontail's Jeena	Jacky Lewis	TX		No Sale Reserve		0		
35	48	5	Briscoe's Faith	Jacky Lewis	TX		No Sale Reserve		0	3625	906
46	63	6	Lazy EA Sissy	Judy Nocks	CO	72	Sally Coad	NC	1800		
14	62	6	Lazy EA Alpine	Judy Nocks	CO		No Sale Reserve		0		
27	67	6	Briscoe's Bristol	Jacky Lewis	TX		No Sale Reserve		0	1800	1,800

# AMERICAN DEXTER CATTLE ASSOCIATION Sale Results June 11 2005

Sale	Catalog					Buyer			Sale	Class	Sold
Order	No	Class	Animal Name	Owner	State	No	Buyer	State	\$ Price	\$ Total	\$ Avg
8	68	8	Timberview Lucky	Rick Seydel	IA	102	Kevin Schrat	MO	350		
24	70	8	Hazybrook Big E	Dan Thomas	IA		No Sale Reserve		0	350	350
43	72	9	MCC Sugars Shamus	Dick Clark	МО	18	David Jones	TX	575		
20	71	9	SMD Vigo Navis	Jeff Chambers	NB	84	Craig Rodenberry	KS	400		
55	73	9	MP Black Crow	Guy Porter	OK	85	Corrine Collier	IN	475		
10	74	9	Prairie Reb	Ruby Fadner	MO		No Sale Reserve		0		
22	76	9	Sir Redfire Acres	Lyle Bangart	WI		No Sale Reserve		0		
38	75	9	Prairie Blaze	Ruby Fadner	MO		No Sale Reserve		0	1450	483
			Thomas' RY Red								
19	81	10	Dashan	Sandi Thomas	OR	36	D B Mangum	TX	1550		
21	83	10	Prairie Fire	Ruby Fadner	MO		No Sale Reserve		0		
30	82	10	MP Dandy's Gary	Guy Porter	OK		No Sale Reserve		0	1550	1,550
36	89	11	Lake View Jedi	James Smith	МО		No Sale Reserve		0	0	0
							Total		33,145	33,145	1069

Dexters for sale in catalog 55 Went through sale ring 46 Dexters sold 31

Class	s Description	Age Range Base Age from Date	Born On-After	Born On-Before 6/11/2005
1	Heifer Calf	Less than 6 months of age	12/12/2004	6/11/2005
2	Heifer Calf	6 Months to 1 Year of Age	6/12/2004	12/11/2004
3	Yearling Heifer	1 Year to 2 Years Old	6/12/2003	6/11/2004
4	Young Cow	2 Years to 4 Years Old	6/12/2001	6/11/2003
5	Mature Cow	Over 4 Years of Age		6/11/2001
6	Cow - Calf Pair	No Age Requirements		
8	Bull Calf	Less than 6 months of age	12/12/2004	6/11/2005
9	Bull Calf	6 Months to 1 Year of Age	6/12/2004	12/11/2004
10	Yearling Bull	1 Year to 2 Years Old	6/12/2003	6/11/2004
11	Mature Bull	Over 2 Years of Age		6/11/2003

# Region 8 Sally Coad, Director

#### Region 8 news!

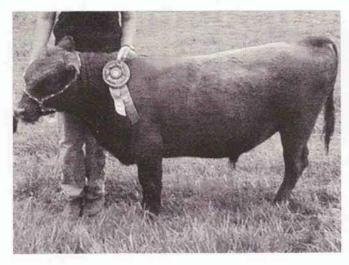
Those of you who missed this years AGM missed one of the greatest! It was very well attended, fun, informational and just everything the ADCA AGM should be. We personally bought a couple of animals at the sale to add to our breeding program as did a whole bunch of folks. A big thank you to John Foley and Jim Smith for working so hard in making this years AGM just fantastic. The venue was gorgeous, professional and air conditioned. It will be in the same place next year, so all you easterners who decided not to make the trip this year..., don't miss out on next year's AGM. Personally, even after 22 hours of driving home, I looking forward a m

Here in North Carolina we have been very busy calving and setting things up for future farm tours and other exciting venues that will help promote Dexters. October will be here quick and we are looking for volunteers for the NC state fair. If interested, please give me a call. Also if you have a fair in your area (any of Region 8 states) please let me know if you will be there exhibiting Dexters or if there is any interest in doing so. I would love to make a trip to see you exhibit and get some pictures for upcoming bulletins and the ADCA website.

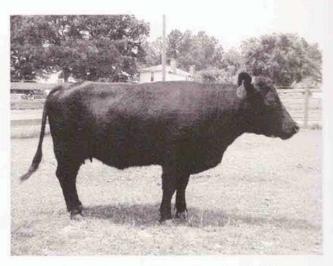
Speaking of the website - Chuck is very interested in stories/articles and pictures of you and your Dexters. With such an updated site at our fingertips, it would be a great way to entertain other Dexter enthusiasts. Also don't forget if you have animals to advertise the website is a GREAT way to get it done. If any of y'all are in our neck of the woods during the summer holiday (or anytime) give a shout- we would love to have you come visit (bring pictures of your Dexters!).

Sally Coad

# And from the AGM...



This is FF Freedom's Bryan, the bull that won the yearling bull video show class at the AGM.



Here is the cow I bought at the AGM, Lazy EA Sissy

Region 9
Robert Seddon, Director

Some of us made it to the AGM in Springfield, and I was really glad to see us represented there. It was the best AGM Show and Sale that I could ever imagine having, and thanks go out to John Foley and all of his crew that assisted.

Here, in Region 9, we have the yearly meeting coming up at the ALBC Rare Breeds Exhibit at the Orange County Fair. www.orangecountyvafair.com is the website for this event. The fair is July 21st through July 24th, and the Region 9 meeting will be at the rare breeds exhibit at 1pm on Saturday July 23rd.

If members who will attend the meeting will notify me, I can have wristbands at the gate for you so you can get in for free for the day. We will have Dexter cattle on display at the rare breeds exhibit, and if I can get enough interest going I want to have a Dexter Show at this event next year. There are many things that we can do as a region, but we need to get together and plan

some of them to have them become a reality. It will take time and effort on the part of the ADCA Members in the area, but it will really help our Dexters. Please feel free to call me at 540-894-5571 or email at <a href="mailto:robert5721@firstva.com">robert5721@firstva.com</a> for further information on this event.

Hope that your calving was easy and fruitful! Ours sure was!

Also, if you have Dexters for sale, please let me know. I get lots of calls!

Robert Seddon Olde Towne Farm Mineral, Va. 23117

540-894-5571 Robert5721@firstva.com



"Sarah & Mickey" Showing at the AGM, Courtesy of Jeff Chambers, Silver Maple Dexters

# G-J Dexter's offers this Quality Heifer

" Vanilla Ice"

DOB 1/5/05

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(252) 432-4200 Sally and Warren Coad Louisburg, North Carolina

Region 10 John Potter, Director

I wish I could say that hoping and praying for rain was "news" here in SW Michigan, but that's been the situation here for months. So far we're having the second driest summer on record, and it's only early July. Everyone in my area is feeding hay at the same rate as in winter since our pastures are completely dried up. The good news is that all of our members with whom I've spoken have had terrific success with calving this spring, and their cows are well underway being bred back for next year's calves.

The most important news item is that our 2005 Region 10 meeting will take place on the Wieringa Dexter Farm in Middleville, Michigan, on October 1st. Lee and Roberta Wieringa have graciously offered to host the event. It will begin with a potluck dinner at 1:00 p.m., and the dinner will be followed by our meeting.

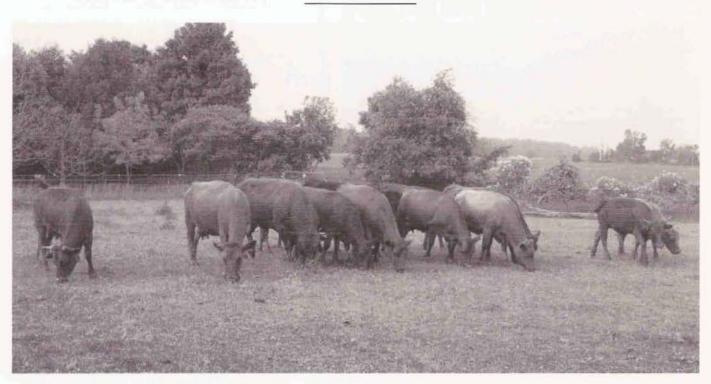
There is still plenty of time for us to implement your ideas for the meeting, so please send them (as well as requests for driving directions) to Lee and Roberta or to me as soon as possible. Lee and Bert will be

very busy showing their Dexters over the next two months, but you can contact them for information by writing (5260 Whitneyville Road, Middleville, MI 49333) or calling (269-795-4809). As always, you are welcome to call, write, or email me for suggestions and information.

Have a good and safe summer!

John Potter





Cinnabar Herd 2005, Courtesy of John Potter



# "Focus on Youth"



# Cultivating the interest of the Dexter Breed in today's Youth

On Thursday, June 30, 2005 the North Central (North Carolina) 4-H District Activity Day held a presentation competition. There were 128 competitors.

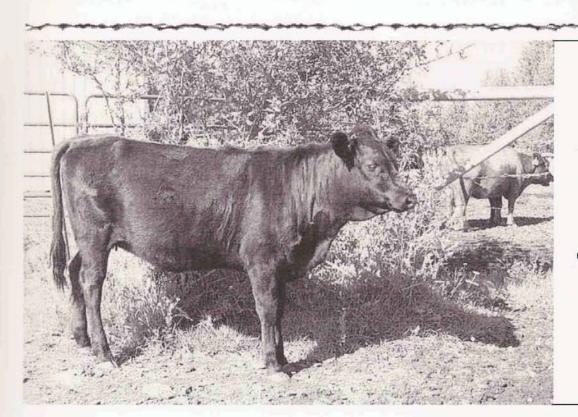
We are so happy to announce that **Jessica Redmond** a 13 year old 4-Her from Louisburg, North Carolina will be advancing to the State Level Competition in Raleigh, NC on July 19, 2005. Jessica, in her very first presentation competition, won "Silver" for her presentation on **DEXTER CATTLE**.

Look in the next bulletin for an update on Jessica and how she does at the state level and pictures taken during the regional competition.

We urge anyone with Dexters to seek out your County Extension Center and Regional 4-H and FFA leaders to assist youth like Jessica in finding new and innovative ways to help spread the word on our terrific breed of cattle, our terrific organization and to help recognize the terrific "future generation" of Dexter enthusiasts!

Sally and Warren Coad, Freedom Farms, Louisburg, NC

Please e-mail articles and photos of the Dexter-related activities of the Youth in your area to Lucy Glover, ADCA Editor. E-mail: Iglover@haywardtechnical.net



"Autumn" In the Summer

Courtesy of Chris Ricard, Celestial Farms Babcock Institute for International Dairy Research and Development

University of Wisconsin-Madison



Dairy Essentials

# 21) PRINCIPLES OF MILKING

Michel A. Wattiaux Babcock Institute

#### MILKING IS A TEAM EFFORT BETWEEN THE COW, THE MACHINE AND THE OPERATOR (OR THE CALF)

Milking is the act of collecting milk after proper stimulation of a cow to release milk from the udder. Collecting milk from a cow involves much more than a mechanical extraction. Essentially, milking is a team effort in which the cow, the machine and the operator (or the calf) play critical roles. For milking to be rapid and complete, the cow must receive the proper signals from her environment. Once the milk ejection

reflex is triggered, the milk is squeezed out of the alveoli by the myoepithelial (muscular) cells and forced into the duct system. Then, the action of the mouth of a calf, the hand of an operator or the claw of a machine can collect the milk that has drained into the gland and teat canal.

#### MILK EJECTION REFLEX

#### Activation of milk "let-down"

Most of the milk accumulates within the alveoli between milkings. The milk ejection reflex starts with the activation of nerves

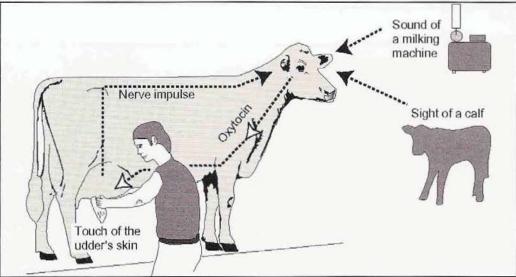


Figure 1: Milk ejection reflex—when the cow is stimulated by touch on the udder skin, the sound of a milking machine or the sight of a calf, nerve impulses pass to the hypothalamus in the brain. The hypothalamus stimulates the posterior pituitary gland to discharge oxytocin. Blood carries this hormone to the myoepithelial cells that surround the alveoli. The contraction of the myoepithelial cells forces the milk into the duct system and the gland cistern. Excitement or pain inhibit the milk ejection reflex.

### Dairy Essentials - Lactation and Milking

whose impulses are interpreted by the brain (hypothalamus) to signal the cow that milking is imminent. One stimulus or a combination of the following external stimuli may initiate the milk ejection reflex (Figure 1):

- The physical touch of a suckling calf or that of an operator cleaning the teats (which are sensitive to touch and temperature);
- The sight of a calf (especially in Bos indicus—zebu-type cows);
- · The sound of a milking machine.

Following these stimuli, the brain sends a signal to the posterior pituitary, a gland at the base of the brain, that releases the hormone oxytocin into the blood stream. The blood transports the oxytocin to the udder where it stimulates the contraction of the tiny muscles (the myoepithelial cells) surrounding the milk-filled alveoli. Contractions occur 20 to 60 seconds after stimulation. The squeezing action increases the intramammary pressure and forces the milk through the ducts to the gland and teat cistern.

The action of oxytocin only lasts for six to eight minutes because its concentration in the blood decreases rapidly. Thus it is critical to attach the teatcups (or begin hand milking) about one minute after initiating udder preparation. A delayed attachment reduces the amount of milk harvested. Although there may be a second discharge of oxytocin, it is usually less effective than the first one.

#### Inhibition of milk "let-down"

In certain situations, the milk ejection reflex can be inhibited. When this occurs, the milk is not released from the alveoli and only a small fraction can be collected. Nerve impulses are sent to the adrenal gland when unpleasant external events occur at milking (pain, excitement or fear). The hormone adrenaline, released by the adrenal gland, can constrict the blood

vessels and capillaries in the udder. The decreased blood flow decreases the amount of oxytocin reaching the udder. In addition, adrenaline seems to inhibit the contraction of the myoepithelial cells in the udder directly. Thus the cow may not be milked rapidly and completely in the following situations:

- · Inadequate udder preparation;
- Delayed attachment of teatcups (or initiation of hand milking) for minutes after preparing the udder;
- Unusual circumstances, that lead to pain (being hit) or fear (shouting, barking);
- Failure of the milking equipment to operate properly.

After the first calving, cows must be "trained" to the milking routine. The emotional upset that occurs in these cows may be enough to inhibit the milk ejection reflex. An injection of oxytocin for several milkings may help. However, this practice should not be done routinely because some cows may rapidly become dependent on the injection to elicit the milk ejection reflex.

#### COLLECTING MILK FROM THE UDDER

The opening at the tip of the teat is held shut by a group of circular muscles (sphincter). Normally, the milk in the gland and teat cistern does not leave the teat without an external force to overcome the strength of the sphincter muscles. However, the milk of some cows with strong milk ejection reflexes and/or weak sphincters may "leak" from the teat because the increased pressure in the udder at the time of milking overcomes the strength of the sphincter. A difference in pressure between the inside and outside of the teat is usually needed to open the sphincter and let the milk flow. Milk is routinely removed from the udder by (1) a suckling calf; (2) hand-milking; or (3) machine milking.

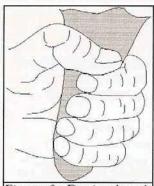


Figure 2: During hand milking, the pressure inside the teat becomes higher than outside the teat.

# Hand milking uses pressure

In hand milking, the hand grasps the whole length of the teat. The thumb and forefinger pinch off the upper end of the teat as the fingers other squeeze inward and downward (Figure 2). The increased pressure inside the teat (relative to

the atmospheric pressure outside the teat) forces the milk through the sphincter.

### A suckling calf uses vacuum

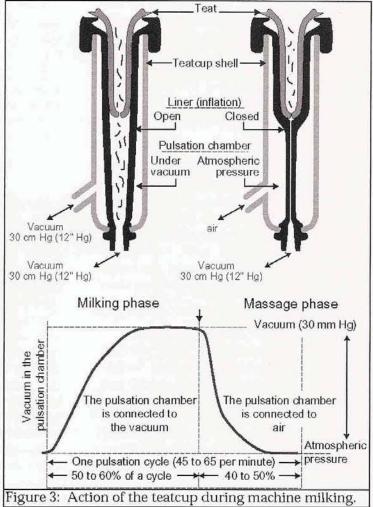
A suckling calf or a milking machine use vacuum as opposed to pressure to extract milk from the gland and teat canal. When a sufficiently strong suction (vacuum) is applied at the tip of a teat, the pressure outside the teat is lower than inside and the milk is drawn out.

A suckling calf wraps its tongue and roof of the mouth around the teat. A vacuum is created at the tip of the teat when the jaws widen and the tongue retracts toward the throat. As a result, milk accumulates in the mouth. When the calf swallows the milk, its flow from the teat stops because the pressure inside the mouth returns to normal. Between 80 and 120 alternating suck and swallow cycles occur per minute.

#### The milking machine uses vacuum

The milking machine also uses vacuum to extract milk from the udder. The following paragraphs describe the action of the teatcup of a milking machine. For a more general description of the parts of a milking machine (see the *Dairy Essential* called "The Milking Machine"—number 4 in the "Lactation and Milking" series).

If the vacuum applied to a teat is too high or lasts too long, blood and body fluid will accumulate and the resulting congestion of the tissue will stop milk flow. In the case of a suckling calf, this problem does not occur because while the milk that accumulated in its mouth is swallowed, there is no pressure differential around the teat and normal



### Dairy Essentials - Lactation and Milking

blood circulation away from the teat is allowed. This process is referred to as the "massage" of the teat.

When a milking machine is used, the double chambered teatcup and the pulsator allow the teats to be subjected alternately to a vacuum (milking phase) and to atmospheric pressure (massage phase) (Figure 3). When air is removed from the pulsation chamber (area between the shell and the liner or inflation), the liner opens because the pressure inside the chamber and the pressure inside the vacuum line are the same. The vacuum at the end of the teat forces the milk out of the teat cistern into the line. However, when air is admitted inside the pulsation chamber the liner collapses beneath the teat (because the pressure inside the liner is lower than inside the pulsation chamber). During this period of "rest," the teat canal closes (but not the teat cistern), milk flow stops, and

the body fluids that were "aspirated" in the tissue of the teat may leave. This massaging action of the teatcup during a pulsation cycle prevents fluid congestion and edema of the teat.

Typically, the liner of a milking machine opens and closes 45 to 65 times a minute (pulsation rate). In a pulsation cycle, the milking phase is usually equal or longer than the massage phase. The percentage of time of a pulsation cycle spent on each phase is referred to as the pulsator ratio. For example, a 60:40 pulsator ratio means that the vacuum is increasing or at maximum vacuum for 60% of the cycle and decreasing and/or at atmospheric pressure for 40 percent. For example, assuming a pulsation rate of 60 (one pulsation cycle per second), a the pulsator ratio of 60:40 indicates that the milking phase lasts 0.6 second and the massage phase lasts 0.4 second.

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84 The Babcock Institute

Region 11 Shaun Ann Lord, Director

We're well into summer and calving isn't quite over yet. Five cows are taking their sweet, ol'time this year. There are three dun calves, all out of RFF Postal Patron. I'm not quite sure if I'm enamored by the brown shades yet - every time I look at the distant pastures, I think deer are grazing with the Dexters again. Not! It's those darn dun calves!

The AGM reports are in this Bulletin for you to review. It was a very good AGM in many ways. Lots of business was completed and new directions were discussed in length. One of my concerns is, and has been, the lack of accountability completing and transferring paperwork in a timely manner. A number of you in Region 11 are well aware of a case of mismanagement that involves so many members and has gone on for so long that there very well may be no solution but a lawsuit initiated.

I pleaded the case for seller responsibility and accountability when handling ADCA paperwork during the general meeting in Missouri. The ADCA has to install more business like formalities insisting upon accurate, punctual, registration and transfers. It remains to be seen how this issue will be pursued.

The Heritage Breeds Conservancy has invited ADCA Region 11 members to participate in the HBC's "Annual Exhibition and Sale of Rare and Heritage Breed Livestock" being held on October 1<sup>st</sup> and 2<sup>nd</sup>, 2005, at Old Sturbridge Village in Sturbridge, Massachusetts.

I'll set up an ADCA promotional items table and be there both days. On Saturday (October 1st) at 1:00 p.m., there will be an informal get together of ADCA Region 11 members. Of course, I hope members will plan on attending this regional meeting. The Heritage Breeds Conservancy is holding their exhibit in conjunction with the Massachusetts Craft Fair, so there will be plenty to see and do at Old Sturbridge Village.

If you would like to exhibit your Dexters at this event, contact me for a form, or Matt LeRoux. There is an ad in the Bulletin with Matt's information.

Here are some comments and suggestions Region 11 members wrote on the returned Marketing Surveys.

Two members stressed how warmly they have been

received by Dexter owners. They are very grateful for the help Dexter owners have extended to them. One member wants a monthly newsletter while another member doesn't want a newsletter! Almost all responding members plan on increasing their herd size or maintaining current numbers, but counter to that plan is the expressed unhappiness of not being able to find quality stock and reasonable long distance shipping charges when new stock is purchased.

In our Region, the majority of members raise their Dexters naturally with an emphasis on grass fed. A small number finish beef animals on grain.

Your focus as a Dexter owner is breeding and beef, followed by milking and oxen, which is in line with the national result. As for marketing, word of mouth is the way we sell our Dexters.

With the exception of one response, there was no criticism of the ADCA. Members want the ADCA to provide the tools to market our wonderful cattle. One response was to "get the word out about our terrific little cattle". Another was "Get the breed name out there"! Well said, all of the comments. Thanks to all Region 11 members who took the time to reply. It is hard to please everyone, but this survey provides direction. Because of the responses, a youth committee has been formed to establish programs for young Dexter enthusiasts. A youth showmanship class will be held at next years AGM in Missouri and we are expecting a great turn out based on interest expressed.

Nomination forms will be mailed out to each of you in November, followed by an election for the new Region 11 Director. I hope someone steps forward into this position. We can discuss nominations at Old Sturbridge Village on October 1<sup>st</sup>.

Our Region doesn't submit articles or photos for the Dexter Bulletin. It would be grand if that changed! Photos of oxen or Dexters being milked are especially unusual to see. Lucy would love to have them appear in the Bulletin.

Looking forward to meeting Region 11 members in October at Old Sturbridge Village!

Shaun Lord

# REGION 11 MEETING October 1, 2005 Old Sturbridge Village, Sturbridge, MA 1:00 PM



The Heritage Breeds Conservancy has once again invited the ADCA to participate in their Annual Exhibition and Sale of Rare and Heritage Breed Livestock.

## Massachusetts Craft Fair and Livestock Exhibit October 1st and 2nd at Old Sturbridge Village

The ADCA Promotional Items table will be setup both days with an informal get-together at 1:00 PM on Saturday.

For a Livestock Exhibit Entry Form,
please contact Matthew LeRoux at 413-528-2817, e-mail: <a href="mailto:mleroux@nehbc.org">mleroux@nehbc.org</a> or
ADCA Regional Director Shaun Ann Lord at 716-965-2505, w-mail: <a href="mailto:caseman@netsync.net">caseman@netsync.net</a>.

Please plan to attend!

# **Director's Message**

Region 12 Rick Seydel, Director

# What a fantastic 2005 AGM!!!

My hat's off to the Missouri folks that put this event together. They did an excellent job! I always enjoy seeing old friends and meeting new ones in the Dexter world. If you didn't get a chance to attend this years AGM, try to attend next year. It is a weekend that anyone that owns or wants to own Dexter cattle would enjoy.

Region 12 was well represented during the Annual Show. Danny Thomas, from Iowa, took top honors in both the 6 month heifer class and the 6 month bull class. Tammy King, also from Iowa, won the mature bull class. "Yours truly" ended up with two runner-up awards along with a 3<sup>rd</sup> place ribbon. Congratulations Danny and Tammy for showing top quality animals at this year's event.

We have scheduled a Region 12 meeting this fall on September 24<sup>th</sup> at Chuck Daggett's home in Watertown, Minnesota. I tried to find a central location to give all the members of this Region a

chance to attend. The event will be all day Saturday, and will include a Region 12 meeting along with a grill-out/potluck and seminars throughout the afternoon and evening. If anyone has something to show or share with others during this seminar time, or a topic you would like discussed, please contact me. The more miniprograms we can put together for this event the better. I will be sending out information and a tentative schedule for the Region 12 gathering at a later date. Please make a note on your calendar for Saturday, September 24<sup>th</sup>.

I am starting to receive requests from people wanting to buy Dexter cattle. I encourage you to use the ADCA website for sales, but if that is not possible, please call me and let me know what you have so I can direct the potential buyers in your direction.

Take care and have a great summer!

Rich Seydel

# **2005 TYPE CLASSIFICATION TOURS**

Tour Dates	Days	Area	Send App By	App Due	Send for Herd Inv	# Apps Sent 2004 / 2005	Last Classifier	2005 Classifier
*Jan	8/5	KY, TN	Oct 15	Nov 15	Dec 10	Phi di	LJ	G
	10/8	IN	Oct 15	Nov 15	Dec 10		SM	BS
	10/6	IL	Oct 15	Nov 15	Dec 10		BM, LJ	G
Jan	7	AL,FL,GA,LA,MS,NC,SC	Oct 15	Nov 15	Dec 10		GH	G
*Feb	20/12	ОН	Nov 15	Dec 15	Jan 10		JM	BS
	6/2	MI	Nov 15	Dec 15	Jan 10		LJ	G
Feb	4	AZ, NM	Nov 15	Dec 15	Jan 10			G
Mar	40/26	WI	Dec 15	Jan 15	Feb 10		All	All
April	19/10	AR, KS, MO, NE	Jan 15	Feb 15	Mar 10		SM	BS
May	18/10	IA	Feb 15	Mar 15	Apr 10		LJ,TA,BM	G
	28/12	MN, ND, SD	Feb 15	Mar 15	Apr 10		JM, SJ	BS
June	11/5	CT, ME, MA, NH, RI, VT	Mar 15	Apr 15	May 10		JM	BS
	17/10	NY	Mar 15	Apr 15	May 10		JM	BS
July	24/16	PA, NJ	Apr 15	May 15	Jun 10		RG,BR,LJ	G
	12/6	DE, MD, VA, WVA	Apr 15	May 15	Jun 10		JM	BS
Aug	14/8	OR, WA	May 15	Jun 15	Jul 15		GH	G
	4/2	ID, UT	May 15	Jun 15	Jul 10		JL	G
Aug	3	CO, WY, MT	May 15	Jun 15	Jul 10		JL	G
Sept	8/4	ок, тх	Jun 15	Jul 15	Aug 10		GH	BS
	10/7	CA, NV	Jun 15	Jul 15	Aug 10		JM	BS
Oct	8/5	KY, TN	Jul 15	Aug 15	Sep 10		G	BS
	10/8	IN	Jul 15	Aug 15	Sep 10		BS	G
	10/6	IL	Jul 15	Aug 15	Sep 10		G	BS
Nov	20/12	ОН	Aug 15	Sep 15	Oct 10		BS	G
	6/2	МІ	Aug 15	Sep 15	Oct 10		G	BS
*Dec	40/26	WI	Sep 15	Oct 15	Nov 10		All	All

<sup>\* =</sup> additional mini-tours

Bold Italic = 12 month rotation tours

Cla	assifie	ers	No.	City	Cla	Classifiers		No.	City
1	BS	George Harris	056	New Milford, CT	8	BS	Russ Giesy	144	Leesburg, FL
2	BS	Bernard Monson	092	Gowrie, IA	9	BS	Bob Reuter		Modesto, CA
3	BS	Leonard Johnson	114	Edgerton, WI	10	G	John Batchelder	071	Orland, CA
4	BS	Roger Neitzel	117	Beloit, WI	11	G	Seth Johnson	112	Reynoldsburg, OH
5	BS	Jerry Luttropp	136	Berlin, WI	12	G	Bill Wachtel	119	Big Prairie, OH
6	BS	David Kendall	137	Beloit, WI	13	G	Steve Mills	139	Saluda, SC
7	BS	Tom Agnew	143	Oconomowoc, WI	14	G	Josey Morris	142	Reynoldsburg, OH

#### HATS

Assorted Colors
With
ADCA Logo
\$8.00

ADCA promotional Item

SOCIATIO

ADCA
MEMBER DECALS

3x3 White with Black
Print
Inside Window
Or Outside
Window Application

\$1.00

Great for Gifts!

#### **DENIM SHIRTS**

Embroidered Dexter Head Logo

Red or Black Head\*\*

Made by Wrangler™

Sizes: SM, MED, LG, XL, XXL\*

Short Sleeved (faded blue)

With your Farm Name

\$25.00 \$30.00

Long Sleeved (dark blue)

With your Farm Name

\$28.00 \$33.00

\*additional \$2.00 charge for XXL

### T-SHIRTS

Full Dexter Head Logo

Ash Gray with Black Logo

Small Dexter Head Logo (upper left front)

Light Gray with Forest Green Logo

All Fruit-of-the Loom™ 5.6 oz. 50/50 blend

Sizes: SM, MED, LG, XL, XXL\*

\$10.00

\*additional \$2.00 charge for XXL

#### **KOOZIES**

Green with White ADCA Logo

Holds 12 oz beverage can

\$1.50

\$3.00 shipping\*

\*No additional charge to ship Koozies when added to shirt order.

\*\*\*\*\*\*\*

#### **SWEATSHIRTS**

Full Dexter Head Logo Ash Gray with Black Logo

Fruit-of-the Loom™

Medium Weight, 90/10 blend

Sizes: SM, MED, LG, XL, XXL\*

**CREW NECK** 

\$20.00

HOODED

\$25.00

#### SHIPPING

1 to 3 items \$5.00 4 to 8 items \$8.00

9 to 12 items \$12.00

13 to 17 items \$17.00

Please make checks or money orders to **ADCA**.

Payment must accompany order.

prices do not include shipping charges.

#### Send to:

Robert Seddon 775 Spring Road Mineral, VA 23117 540-894-5571 robert5721@firstva.com

# ADCA OFFICERS EFFECTIVE 01/05/05

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VICE PRESIDENT

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whitethistle30@hotmail.com

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SECRETARY

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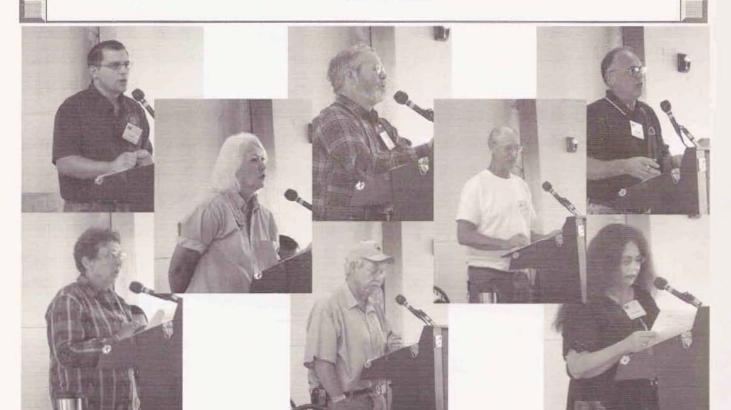
**EDITOR** 

LUCY GLOVER

10921W Callahan Lake Road

Hayward, WI 54843

715-462-4555



# ADCA REGIONAL DIRECTORS EFFECTIVE 01/05/05

REGION 1	Arkansas, Missouri, Illinois	JOHN FOLEY	5668 North Farm Road 189 Springfield, MO 65803 417-833-2186	jfoley@aol.com
Next Election:	11/2006			U.B.
REGION 2	Alaska, Idaho, Montana, Oregon, Washington	SANDI THOMAS	PO Box 135 Antelope, OR 97001 541-489-3385	sthomas@palmain.com
Next Election:	11/2006			
REGION 3	Nevada, Hawaii	VACANT	Election Taking Place in Interim Director:	January 2005 Sandi Thomas Region 2
REGION 4	Colorado, New Mexico, Utah, Wyoming	CAROL ANN TRAYNOR	749 24-3/4 Road Grand Junction, CO 81505 970-241-2005	hicountrycat@aol.com
Next Election:	11/2006			
REGION 5	All Canadian Provinces	ALLYN NELSON	Box 2 Colinton, Alberta, Canada TOG ORO 780-675-9295	hillside@telusplanet.net
Next Election:	11/2006	with the same		
REGION 6	Kansas, Nebraska, Oklahoma	JOANIE STORCK	401 W. 89th Street So. Haysville, KS 67060 316-524-0318	storckranch@yahoo.com
Next Election:	11/2007			
REGION 7	Louisiana, Texas	PAM MALCUIT	17087 Dixie Farms Lane Iola, TX 77861	mornstarranch@cs.com Region7texla@cs.com
Next Election:	5.55 <b>F</b> , 2.55 2.55 1			
REGION 8	North Carolina, South Carolina, Georgia, Alabama, Mississippi, Florida, Tennessee	SALLY COAD (interim director) election in Jan 2005	17 Lloyds Way Louisburg, NC 27549 252-492-6633	freedomdexters@aol.com
Next Election:	11/2007			
REGION 9	Delaware, District of Columbia, Kentucky, Maryland, Pennsylvania, Virginia, West Virginia	ROBERT SEDDON (interim director)	775 Spring Road Mineral, VA 23117 540-894-5571	robert5721@firstva.com
Next Election:	11/2005			
REGION 10	Indiana, Michigan, Ohio	JOHN POTTER	2524 W. Elm Valley Road Galien, MI 49113 269-545-2455	jpotter@remc11.k12.mi.us
Next Election:	11/2005			
REGION 11	Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, Vermont	SHAUN ANN LORD	1468 Route 39 Forestville, NY 14062 716-965-2502	caseman@netsync.net
Next Election:	11/2005			
REGION 12  Next Election:	South Dakota, Wisconsin, Minnesota	RICK SEYDEL	1011 Chestnut Road Coon Rapids, IA 50058 712-684-5753	rmseydel@pionet.net

# STANDING COMMITTEES

**ADCA GOALS** TASK FORCE:

John Foley, Chair Anthony Bauer

Matt DeLaVega Daryl Frank Wendy Fultz Carol Koller

Pat Mitchell Judy Nocks Julie Phippen Gene Pitman Robert Seddon Star Walkup

Susan Yehl

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Sally Coad

AGM/SHOW & SALE: Pat Mitchell, Chair

CLASSIFICATION: Tom Gray, Chair

FINANCE: John Foley, Chair

James Smith

GENETICS/SCIENCE: John Potter, Chair

**Anthony Bauer** Sandi Thomas

**MARKETING:** 

Shaun Lord Allyn Nelson Carol Ann Traynor NOMINATION/

Bonnie Boudreau **ELECTION:** Shaun Lord Tom Gray

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**R&R AND BYLAWS:** Carol Davidson, Chair

> Nathan Fleming **Buford Kanatzar** Carol Ann Traynor

REDISTRICTING:

Joanie Storck, Chair

WEBSITE/ **TECHNOLOGY:**  Chuck Daggett Robert Seddon

WORLD CONGRESS: Carol Davidson

Dexter's International Representative



"Garrett" at 7 days Courtesy of John Potter, Region 10 Director





# American Dexter Cattle Association 4150 Merino Ave Watertown, MN 55388

# FEE SCHEDULE EFFECTIVE JANUARY 1, 2005

#### COSTS OF REGISTRATIONS AND TRANSFERS:

Registrations:		Transfers:	
Cows up to 1 year old	\$20.00*	Regular Transfers (any age)	\$20.00
Bulls up to 2 years old	\$20.00	Inner-Herd Transfers (any age)	\$10.00
Cows over 1 year old	\$40.00		
Bulls over 2 years old	\$40.00		
Steer and Oxen (any age)	\$10.00		

<sup>\*</sup>Heifers under 1 year old and Bulls under 2 years old can be registered and transferred to new owner for \$20 (one fee).

Registrations and Transfers for non-members: \$100.00

Please note: Names of animals to be registered cannot exceed 21 letters and spaces.

#### **MEMBERSHIP FEES:**

New Owner Membership:	New owners that have purchased an animal that is ADCA registered	Free
Associate Membership:	New membership for individuals who do not own any Dexters or who live outside the USA and Canada	\$30.00
Annual Renewal of Dues:	Due January 1st of each year	\$20.00
Subscriber:	Will receive the quarterly Bulletin	\$10.00
Honorary Membership:	Individuals appointed by the Board of Directors	Free
Herd Book:		TBA

The ADCA reserves the right to require DNA testing to confirm the validity of any registration. Such testing may include but shall not be limited to parentage verification and to color.

Please make checks payable to ADCA and mail to: Chuck Daggett

Chuck Daggett 4150 Merino Ave Watertown MN 55388

# **ADVERTISING**

ADCA BULLETIN - AD PRICING										
Ad Size	1 Issue/B&W	1 Issue/Color	4 Issues/B&W	4 Issues/Color						
1/16 page	7.00	14.00	25.00	50.00						
1/8 page	15.00	30.00	50.00	100.00						
1/4 page	30.00	60.00	100.00	200.00						
½ page	60.00	120.00	200.00	400.00						
Full page	120.00	240.00	400.00	800.00						

# **Guide to Advertisers**

Block Creek Ranch2
Brand Ranch9
Celestial Farms19
Coyote Crossing Ranch11
Esser's Dexters11
Freedom Farms Dexters23
G-J's Dexters23
Grandma's Dexter Farm9
Hi-Country Achers Dexters17
Hillcrest Farm39
Olde Towne Farm7
Region 11 Announcement31
Thomas' Dexters2, 11
Timberview Dexters17
Winding Lane Farm9

Classified Advertising is limited to Dexters or Dexter semen exclusively, and subject to approval by the ADCA.

Prices for animals will not be published.

Make all checks payable to: The American Dexter Cattle Association And mail to:

Lucy Glover, ADCA Editor

10921 W Callahan Lake Road - Hayward, WI 54843

Ads and photos can be mailed along with payment or emailed to Iglover@haywardtechnical.net

# Sales Requirements for Semen

Advertising pertaining to the sale of Dexter semen in ADCA publications requires the statement of the height of the bull from the shoulder to the ground and the age at which the height was recorded. The ADCA also requires that the DNA genotype of any bull being used for out-of-herd AI be on file in its registry office before calves from those matings can be registered. The number of bulls to be tested must be specified in the request.

The application for DNA Genotyping for Parentage Verification for Dexter bulls can be obtained from John Potter by mail at 2524 W. Elm Valley Road, Galien, MI 49113 or by e-mail at: jpotter@remc11.k12.mi.us

The American Dexter Cattle Association (ADCA) makes no claim regarding the accuracy or validity of the content of the advertising and opinions that appear in its publications, including its website. The ADCA is not responsible for the content at any member site or external link. The ADCA encourages its members to be truthful and accurate and it encourages all readers, including prospective buyers, to be well-informed before making decisions.

# Hillcrest's Ned, our gorgeous long-legged dehorned 2005 Red Dexter Bull Calf is FOR SALE.



He was born on January 20, 2005.

His sire is Freedom Farms RFF Freedom's Aidan #12956, a very handsome and friendly red gentleman, who has DNA tested as Red and as a non-carrier of Bulldog Gene.

His dam is Diamond Miss of LBI #11618 who scored 96 in her classification, and is black-carrying-red.

Ned has his mother's beauty and his daddy's lovely red coloration. He is dehorned, very gentle, and loves being led and handled.

Contact arabellasd@aol.com or call me at 603-253-4641.

Arabella Dane

Hillcrest Farm, 252 Dane Road, Center Harbor, NH 03226

To see pictures of Aidan visit Freedom Farm's web page.



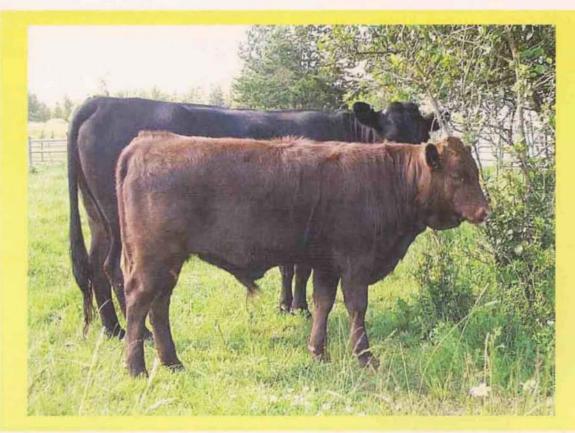


### \*Meet Your 2005 ADCA Officers and Board of Directors\*

L to R (Standing): Rick Seydel, Shaun Lord, Carol Ann Traynor, Chris Ricard, Bonnie Boudreau, John Foley,

Sandi Thomas, Tom Gray, Robert Seddon

L to R (Seated): Joanie Storck, Pam Malcuit, Sally Coad, Jim Smith, Carol Davidson (for Allyn Nelson), Chuck Daggett



"Avitar" Courtesy of Chris Ricard, Celestial Farms

American Dexter Cattle Association Lucy Glover, Editor 10921W Callahan Lake Road Hayward, WI 54843

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