

National Association of Dairy Regulatory Officials 54th Annual Meeting



**Orange Beach, Alabama
July 14 – 18, 2012**



**National Association of Dairy Regulatory Officials (NADRO)
54th Annual Meeting**

Table of Contents

NADRO Officers

Introductions and Acknowledgments

Annual Meeting Agenda

NADRO Member Agencies, Delegates and Alternate Delegates

NADRO 2012 Registrants and Participants

Honorary Lifetime Members

Past Presidents

Past Meeting Locations

President's Report

Committee Assignments

Annual Business Meeting Minutes

Resolutions

Audit Committee Report

Executive Treasurer's Report

Nominations Committee Report

Executive Committee Meeting Minutes

Constitution and Bylaws

Continued

Table of Contents (continued)

Introduction and Presentations Provided

Dr. William Batchelor, Dean, College of Agriculture, Auburn University
Land Grant Institutions Role in Meeting the World's Demand for Food

Robert Hennes, Capt.
FDA Update
Robotic Milking Systems – A Regulatory Perspective

Clayton Hough, International Dairy Foods Association
IDFA Update

Jamie Jonker, National Milk Producers Federation
Grass to Glass: An NMPF Update on Current Dairy Issues

John Miller, Florida Department of Agriculture
NCIMS Update

Chris Thompson, USDA Market Administrator, Associate MA Marketing Services
FMMA Update

Donald E. Williamson, M.D., Alabama State Health Officer
Gulf Oil Spill Public Health and Industry Overview

Phil Wolff, AMS/USDA
EU/SCC Project
USDA Update

State Reports

2012 Allied Sponsors

NADRO Frequently Asked Questions (FAQs)

**National Association of Dairy Regulatory Officials (NADRO)
54th Annual Meeting**

Officers

2011 – 2012

Past President	Catherine Kaszowski, Massachusetts Department of Agricultural Resources
President	Chris Thompson, University of Kentucky Division of Regulatory Services
President Elect	Susan Esser, Michigan Department of Agriculture
Vice President	Don McClellan, Utah Department of Agriculture
Secretary	Casey McCue, New York Department of Agriculture
Executive Treasurer	Eunice Schlappi, Kentucky Department of Agriculture

2012 – 2013

Past President	Chris Thompson, University of Kentucky Division of Regulatory Services
President	Susan Esser, Michigan Department of Agriculture
President Elect	Casey McCue, New York Department of Agriculture
Vice President	Dru Haderlie, Wyoming Department of Agriculture
Secretary	Gary Newton, Florida Department of Agriculture and Consumer Services
Executive Treasurer	Eunice Schlappi, Kentucky Department of Agriculture

**National Association of Dairy Regulatory Officials (NADRO)
54th Annual Meeting**

Acknowledgments

I want to take a quick moment and reflect on my time as Secretary of the National Association of Dairy Regulatory Officials throughout the 2011 and 2012 period. First, I would like to thank the slate of officers consisting of Christopher Thompson, Susan Esser, Donald McClellan and Eunice Schlappi who worked diligently to move forward this great organization and to provide a meaningful and rewarding conference program, while never losing sight of the great public health responsibility the group so proudly upholds. Secondly, I would like to offer my sincerest appreciation to our host state of Alabama for their diligence in assuring the members and guests a wonderful conference environment full of fellowship and collaboration. G.M. Gallaspy and his staff from the Alabama Department of Health-Milk and Food Processing Branch shall be commended for their service and wonderful example of Southern Hospitality which was offered to the attendees of the 54th Annual Conference in Orange Beach, Alabama and played a critical role in the conference's success. I would be remiss to not once again thank all of our wonderful speakers who provided educational and current presentations, without your participation the conference would be missing a supporting leg of the three legged milking stool.

A personal thank you to Susan Esser, who in midterm, took the helm of President with Christopher Thompson's move to United States Department of Agriculture- Market Administrator's office, Susan did a wonderful job of grabbing the ball and running with it and I am sure this type of leadership has been exhibited by Susan on many occasions in her successful career. The group is also extremely appreciative of all the hard work, leadership and organization Christopher Thompson brought to this great association and while he has moved on from state public service, we are at least comforted by the fact Christopher is still in public service and serving the same wonderful dairy industry we all so truly care for only at the federal level. Congratulations Mr. Thompson.

I hope you find the information assembled for the 2011-2012 period informative, rewarding and applicable. As this industry continues to grow and transform, organizations must keep pace with all of these changes to address the needs of the entire industry. Whether we are talking tough budget climates, lack of resources, travel restrictions, or challenges we as regulators or producers or processors may experience, it is through associations such as the National Association of Dairy Regulatory Officials employing fellowship and collaboration to address all of the challenges. These challenges need to be addressed, discussed at length and responded to collectively and in the end make the dairy industry the safest, most nutritious and prosperous industry it can be and I feel strongly the National Association of Dairy Regulatory Officials creates a forum to do just that. It is my sincere hope we will see you at the next NADRO Conference and we appreciate your participation and support.

Casey M. McCue

National Association of Dairy Regulatory Officials

54th Annual Meeting

July 14 – 18, 2012

**Island House Hotel
Orange Beach, Alabama**

Annual Meeting Agenda

National Association of Dairy Regulatory Officials - NADRO
54th Annual Meeting

Agenda

Saturday, July 14, 2012

Noon to 11:00 p.m. Early Arrival, Registration and Hospitality

Sunday, July 15, 2012

9:00 a.m. - 1:00 p.m. Registration

9:30 a.m. - 11:30 a.m. Executive Board Meeting

Sunday Afternoon Session

Moderator - President Sue Esser

1:00 p.m. Welcome - President Sue Esser

1:10 p.m. Welcome - G.M. Gallaspy, Alabama Dairy Program
Administrator - Representative of Host State

1:20 p.m. State Reports (A representative from each state will be given the opportunity to provide a brief
(5 minutes) dairy industry update regarding their home state)

3:00 p.m. Break

3:15 p.m. Business Session
Call to Order
Roll Call
President's Report
NASDA Report (Presented by Don McClellan)
Committee Assignments
Resolution Assignments

4:00 p.m. State Reports (continued)

5:30 p.m. Adjourn

6:00 p.m. Hospitality Room Open - Dinner on your own

8:00 p.m.-11:00 p.m. Hospitality Room Open

Monday July 16, 2012

7:00 a.m. Breakfast

Morning Session - Moderator – GM Gallaspy

8:00 a.m. Welcome
Donald E. Williamson, M.D., Alabama State Health Officer

8:15 a.m. Gulf Oil Spill Public Health and Industry Overview
Donald Williamson, M.D., Alabama State Health Officer

9:00 a.m. NCIMS Update, John Miller, Florida Department of Agriculture

9:30 a.m. FMMA Update, Chris Thompson

10:15 a.m. EU/SCC Project, Phil Wolff, AMS/USOA

11:00 a.m. Dismiss for Lunch/ Prepare for Agriculture Tour

11:45 a.m. Board Bus for Agriculture Tour (dinner included)

Tuesday July 17, 2012

7:00 a.m. Breakfast

Morning Session - Moderator - Vice President Don McClellan

8:00 a.m. Grass to Glass: An NMPF Update on Current Dairy Issues
Jamie Jonker, National Milk Producers Federation

8:45 a.m. IDFA Update, Clayton Hough, International Dairy Foods
Association

9:30 a.m. FDA Update -Capt. Robert Hennes

10:00 a.m. Break

10:15 a.m. Land Grant Institutions Role in Meeting the World's Demand for
Food
Dr. William Batchelor - Dean, College of Ag, Auburn University

11:00 a.m. Robotic Milking Systems- A Regulatory Perspective
Capt. Robert Hennes, FDA

11:45 p.m. Lunch on your own

1:15 p.m. USDA Update, Phil Wolff, AMS/USDA

1:30 p.m.	Making the Most of Media in Agriculture Amanda Trice, SUDIA (South East United Dairy Industry Assoc.)
2:30 p.m.	Break
2:45 p.m.	NADRO Committee Meetings
5:15 p.m.	Recess
6:00 p.m.	Reception
7:00 p.m.	Banquet / Awards
9:00- 12:00 p.m.	Hospitality Room Open

Wednesday July 18, 2012

7:00 a.m.	Breakfast
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Morning Session – Moderator - Casey McCue

8:00 a.m.	State Reports.& Committee Reports
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9:45 a.m.	Break
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10:00 a.m.	Business Session Roll Call Resolution Committee Report Financial Report Audit report Old Business New Business Nominating Committee Report Election of Officers Host States for Next two Annual Meetings
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12:00 p.m.	Adjourn - Have a safe journey home!
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National Association of Dairy Regulatory Officials - NADRO 54th Annual Meeting

2012 Member Agencies and Assigned Delegates

Alabama	Delegate Alternate	G M Gallaspy Michael Clinkscales	AL Dept of Public Health AL Dept of Public Health
California	Delegate Alternate	Stephen Beam Kristen Dahl	CA Dept of Food & Agriculture CA Dept of Food & Agriculture
Florida	Delegate	John Miller	Florida Dept of Agriculture
Georgia	Delegate	Peggy Gates	Georgia Dept. of Agriculture
Indiana	Delegate	Terry Philabeck	Indiana Dept. of Agriculture
Kentucky	Delegate Alternate	Bob Kiser Bob Hickerson	University of KY-Reg Services University of KY-Reg Services
Maryland	Delegate Alternate	Laurie Bucher Connie Caffes	MD DHMH Center for Milk Control MD DHMH Center for Milk Control
Massachusetts	Delegate	Cathy Kaszowski	MA Dept of Agricultural Resources
Michigan	Delegate Alternate	Susan Esser Gordon Robinson	Michigan Dept. of Agriculture Michigan Dept. of Agriculture
Minnesota	Delegate Alternate	Nicole Neeser Jason Gibbs	Minnesota Dept. of Agriculture Minnesota Dept. of Agriculture
Missouri	Delegate	Gene Wiseman	Missouri State Milk Board
Nebraska	Delegate Alternate	Randy Chloupek George Hanssen	Nebraska Dept. of Agriculture Nebraska Dept. of Agriculture
New Mexico	Delegate	Alf Reeb	New Mexico Dept. of Agriculture
New York	Delegate Alternate	Casey McCue Charles Lindberg	NYS Dept of Agriculture & Markets NYS Dept of Agriculture & Markets
North Dakota	Delegate Alternate	Wayne Carlson John Ringsrud	North Dakota Dept. of Agriculture North Dakota Dept. of Agriculture
Ohio	Delegate Alternate	Roger Tedrick Brian Wise	Ohio Dept. of Agriculture Ohio Dept. of Agriculture
Oklahoma	Delegate	Frank Barcellos	OK Dept. of Agriculture
Oregon	Delegate	Vance Bybee	Oregon Dept of Ag-Food Safety
Puerto Rico	Delegate	Mayra Toro	Puerto Rico Dept. of Health
South Dakota	Delegate Alternate	Darwin Kurtenbach Kevin Fridley	SD Dept. of Agriculture SD Dept. of Agriculture
Tennessee	Delegate Alternate	Bill Thompson Charles Woodson	Tennessee Dept. of Agriculture Tennessee Dept. of Agriculture
Utah	Delegate Alternate	Don McClellan Richard Clark	Utah Dept. of Agriculture Utah Dept. of Agriculture
Vermont	Delegate Alternate	Daniel Scruton Susan James	Vermont Dept. of Agriculture Vermont Dept. of Agriculture
Virginia	Delegate Alternate	John Beers Donna Bonner	Virginia Dept. of Agriculture Virginia Dept. of Agriculture
Wyoming	Delegate Alternate	Dru Haderlie Linda Stratton	Wyoming Dept. of Agriculture Wyoming Dept. of Agriculture

National Association of Dairy Regulatory Officials - NADRO

54th Annual Meeting

2012 Registrants and Participants

Pres Alinder	AL Dept of Public Health	PO Box 303017, Montgomery, AL 36130-3017		
Randy Astin	AL Dept of Public Health	PO Box 303017, Montgomery, AL 36130-3017		
Frank Barcellos	OK Dept. of Ag. Food & Forestry	2800 N Lincoln Blvd., Oklahoma City, OK 73105	ellen.pennington@ag.ok.gov	(405)522-6130
William Batchelor	Auburn University	107 Corner Hall, Auburn, AL 36849		
John Beers	VA Dept of Ag & Consumer Svcs	102 Governor Street, Suite 349 Richmond VA 23219	john.beers@vdacs.virginia.gov	804-786-8916
Marlaire Burbank	Agri-Mark, Inc (guest)			
Vance Bybee	OR Dept. of Ag-Food Safety Div	635 Capitol Street NE, Salem, OR 97301		
Wayne Carlson	ND Dept of Agriculture	1813 14th Avenue SE Mandar ND 58554	wcarlson@nd.gov	701-328-4761
Michael Clinkenscale	AL Dept. of Public Health	PO Box 303017, Montgomery, AL 36130-3017		
Ron Dawsey	AL Dept. of Public Health	PO Box 303017, Montgomery, AL 36130-3017		
Sue Esser	MI Dept of Agriculture	3465 Moraine Drive Brighton MI 48814	essers@michigan.gov	517-335-1070
GM Gallaspy	AL Dept of Public Health	PO Box 303017, Montgomery, AL 36130-3017		
Peggy Gates	GA Dept of Agriculture	19 Martin Luther King, Jr. Dr, Atlanta GA 30334	pgates@agr.state.ga.us	404-656-3625
Bob Gilchrist	Agri-Mark, Inc	19 Quaburg Street Brookfield MA 01506	rgilchrist@agrimark.net	978-687-4923
Dru Haderlie	WY Dept of Agriculture	PO Box 66 Cokeville WY 83114	dhader@state.wy.us	307-279-3276
Bob Hennes	USPHS/FDA	5100 Paint Branch Parkway College Park MD 20740	robert.hennes@fda.hhs.gov	240-402-2175
Clayton Hough	IDFA	1250 H Street, NW Suite 900, Washington DC 20005		
Audre Jones	AL Dept of Public Health	PO Box 303017, Montgomery, AL 36130-3017		
Jamie Jonker	NMPF	2101 Wilson Boulevard, Suite 400 Arlington VA 22201	jonker@nmpf.org	703-243-6111
Bob Kiser	University of KY Regulatory Svcs	103 Regulatory Services Bldg Lexington KY 40546-0275	rkiser@uky.edu	859-257-2785
Darwin Kurtenbach	SD Dept of Agriculture	523 East Capitol Avenue - Foss Bldg Pierre SD 57501	darwin.kurtenbach@state.sd.us	605-773-4294
Jason Lazenby	Morningstar Foods			
Kevin Lemmons	Borden Dairy			
Mitchell Martin	GA Dept. of Agriculture	19 Martin Luther King, Jr. Dr., S.W., Atlanta, GA 30334		
Don McClellan	UT Dept of Agriculture	PO Box 145600 Salt Lake City UT 84114	dmccllellan@utah.gov	801-538-7145
Linda McClellan	Utah - (guest)			
Casey McCue	NYS Dept of Agri. & Markets	10B Airline Drive, Albany, NY 12235	c.mccue@agriculture.ny.gov	518-457-1772
Chuck Meek	TETRAPAK	200 South Park Boulevard Greenwood IN 46143	chuck.meek@tetrapak.com	317-885-5170
Phyllis Meek	Tetrapak - (guest)			
John Miller	FL Dept of Ag & Consumer Svcs	3125 Conner Blvd Rm B28, Tallahassee FL 32399-1650	john.miller@freshfromflorida.com	850-487-1490
Marianne Miller	Florida (guest)			
Pat Nelson	AL Dept of Public Health	PO Box 303017, Montgomery, AL 36130-3017		
Gary Newton	FL Dept. of Ag & Consumer Svcs	3125 Conner Blvd Rm B28, Tallahassee FL 32399-1650	gary.newton@freshfromflorida.com	850-245-5415
Thomas O'Carroll	United Dairymen of Arizona	2008 South Hardy Drive, Tempe, AZ 85282		
Terry Philbeck	IN State Board of AH-Dairy			
Rebecca Piston	HP Hood LLC			
Bob Rogers	GA Dept of Agriculture	19 Martin Luther King, Jr. Dr, Atlanta GA 30334		
Elsa Rogers	Georgia (guest)			
John Sanford	Dean Foods Company			
Eunice Schlappi	KY Dept of Agriculture	100 Fair Oaks Lane - 5th Floor Frankfort KY 40601	eunice.schlappi@ky.gov	502-564-4983
Dan Scruton	VT Agency of Ag, Food & Mkts	116 State Street, Montpelier, Vermont 05620		
Roger Tedrick	OH Dept of Agriculture, Dairy Div	8995 E. Main St., Reynoldsburg, Ohio 43068		
Ruthanne Tedrick	Ohio (guest)			
Chris Thompson	USDA Market Administrator	1550 North Brown Rd., Lawrenceville, GA 30043	chris.thompson@uky.edu	770-682-2526
Amanda Trice	SUDIA	5340 W Fayetteville Rd, Atlanta, GA 30349		
Ricky Williams	Williams Dairy & Trucking	4019 Red Oak Road, Baxley, GA 31513		
Carol Williams	DFA (guest)			
Donald Williamson	AL Dept. of Public Health	PO Box 303017, Montgomery, AL 36130-3017		
Gene Wiseman	MO State Milk Board	1616 Missouri Boulevard, Jefferson City MO 65102	gene.wiseman@mda.mo.gov	573-522-3206
Linda Wiseman	MO (guest)			
Phil Wolf	USDA, AMS, Dairy Program	1400 Independence Ave, SW, Washington, DC 20250	philip.wolff@usda.gov	202- 720-9386

**National Association of Dairy Regulatory Officials (NADRO)
54th Annual Meeting**

Honorary Lifetime Members

ARIZONA

George H. Parker
4418 West Cherry Lane
Phoenix, AZ 85031

FLORIDA

Jay Boosinger
2053 Taylor Road
Tallahassee, FL 32308

William Brown
3034 White Ibis Way
Tallahassee, FL 32308

Dean Elliott
1440 Figueroa Street
The Villages, FL 32164

GEORGIA

Jack Dodd
1315 Quincy Highway
Attapulgus, GA 91717

Charles H. Murphy
204 Pebble Shore Drive
Georgetown, GA 39854

Cliff Ward
5600 Hog Mountain Road
Bogart, GA 30622

IDAHO

Randy Elsberry
19082 Avenue 300
Exeter, CA 93221

Jay L. Nichols
8315 Valley View Drive
Boise, ID 83702

IOWA

Richard Dennler
6915 Sunset Terrace
Des Moines, IA 50311

Ray H. Ormand
6915 Sunset Terrace
Des Moines, IA 50311

KANSAS

Melvin Brose
Martin Creek Place
4950 SW Huntoon #201
Topeka, KS 66604

Bruce Rowley
2221 West 31st Street Terrace
Topeka, KS 66611

KENTUCKY

Edward Troutman
3416 Belvoir Drive
Lexington, KY 40503

MAINE

Dana Small
RR #
Bowdoinham, ME 04008

MASSACHUSETTS

J. Peter Griffin
10 Conry Crescent
Jamaica Plain, MA 0213

Arthur W. Hoyt
Birch Meadow Road
Merrimac, MA 01860

David L. Sheldon
RR 3, Box 107
Great Barrington, MA 02130

MICHIGAN

Laurence L. Clough
Friendship Village, Apt 28
Kalamazoo, MI 49007

Ken Feighner
6620 East Scott Road
Nashville, MI 49073

William McCarthy
107 Rex Lane
St. John, MI 48879

Kenneth Van Patten
2365 Howell Road
Williamton, MI 48895

MINNESOTA

Bill Coleman
1122 Sixth Street, South
Fargo, ND 58103

Orlowe M. Olsten
1375 Fairmount Avenue
St. Paul, MN 55105

Greg Pitman
13390 420th Ave.
Waseca MN 56093

MISSOURI

Carl Action
304 West Spring
Fayette, MO 65248

James Kennedy
12408 RT C
Russellville, MO 65074

Terry Long
19170 Factory Creek Road
Jamestown, MO 65046-9728

Fred Neinershagen
1103 Falcon Drive
Columbia, MO 65201

MONTANA

Everett L. Tubbs, RS
2014 Lockie Avenue
Helena, MT 59601

NEBRASKA

Dan Borer
301 Centennial Mall S # 4
Lincoln, NE 68508-2529

NEW YORK

Will Francis
3269 Chrisland Dr.
Annapolis, MD 21403

Dwayne Lipinski
RR 2
Johnsonville, NY 12093

Alfred Place
10 Norge Road
Delmar, NY 12054

Harold Rudnick
1884 KY HWY 1284
Berry, KY 41003

NORTH CAROLINA

Leonard F. Blanton
RR 5, Box 332
Lincolnton, NC 28093

Robert Gordon
419 Oak Ridge Road
Carey, NC 27511

Bruce Williams
5204 Calvin Place
Raleigh, NC 27609

NORTH DAKOTA

Phil Park
107 West Avenue A
Bismark, ND 58501

OHIO

Lewis Jones
8995 East Broad Street
Reynoldsburg, OH 43068-3399

OKLAHOMA

Clyde D. Lacey
P. O. Box 744
Atoka, OK 74525

George M. Parker
3216 South Rankin
Edmond, OK 73034

Dan Rackley
7801 W. Shawnee
Muskogee, OK 74401

James E. Smith
643 Ridgecrest
Edmond, OK 73034

OREGON

Ron McKay
5253 Aldercrest Court South
Salem, OR 97306

Eric Paulson
1138 Simpson Street
Aumsville, OR 97306

Al Tesda
1515 7th Avenue NE
Salem, OR 97303

PENNSYLVANIA

James Dell
5269 Trout Run Lane
Spruce Creek, PA 16683

G. William Fouse
RR 1, Box 95
James Creek, PA 16657

SOUTH DAKOTA

Verne Brakke
624 North Jackson
Pierre, SD 57501

Roger Scheibe
1100 Telluride Lane
Brookings, SD 57006

VERMONT

Donald F. George
14 Green Mountain View
Barre, VT 05641

Byron Moyer
155 Richardson Rd.
Barre, VT 05641

WASHINGTON

Donald Penders
8328 60th Lane SE
Lacey, WA 98513

WISCONSIN

Tom Leitzke
PO Box 8911
Madison, WI 53708

National Association of Dairy Regulatory Officials (NADRO)

54th Annual Meeting

Past Presidents

1958-1959	Dr. W. L. Bendix (VA)	1986-1987	Donald George (VT)
1959-1960	C.H. Holcombe (MN)	1987-1988	Ronald W. McKay (OR)
1960-1961	Dr. Richard Parry (CT)	1988-1989	Daniel J. Borer (NE)
1961-1962	Harry Tiberend (WY)	1989-1990	Charles H. Murphy (GA)
1962-1963	Dr. W. L. Bendix (VA)	1990-1991	Dave Sheldon (MA)
1963-1964	Brace Rowley (KS)	1991-1992	Marvin R. Patten (ID)
1964-1965	Laurence Clough (NY)	1992-1993	Bruce Williams (NC)
1965-1966	Harry Staver (CO)	1993-1994	William Coleman (MN)
1966-1967	C. Harold Amick (WV)	1994-1995	Harold Rudnick (NY)
1967-1968	Donald Spiegel (SD)	1995-1996	Kyle Stephens (UT)
1968-1969	Peter Griffin (MA)	1996-1997	Terry Long (MO)
1969-1970	Dean Christensen (ID)	1997-1998	Byron Moyer (VT)
1970-1971	Howard Brosset (LA)	1998-1999	Donald R. Penders (WA)
1971-1973	Herbert Kling (NY)	1999-2000	John A. Beers (VA)
1973-1974	R. L. Van Buren (CA)	2000-2001	Darwin Kurtenbach (SD)
1974-1975	M. W. Jefferson (VA)	2001-2002	Claudia G. Coles (WA)
1975-1976	Kenneth Van Patten (MI)	2002-2003	Jim Dell (PA)
1976-1977	Archie S. Hurst (UT)	2003-2004	John Miller (FL)
1977-1978	Gene Dally (GA)	2004-2005	Lewis R. Jones (OH)
1978-1979	G. William Fouse (PA)	2005-2006	Mike Wiggs (ID)
1979-1980	Orlowe M. Olsten (MN)	2006-2007	Will Francis (NY)
1980-1981	Jess D. Sturm (WY)	2007-2008	Peggy Gates (GA)
1981-1982	Jay Boosinger (FL)	2008-2009	Greg Pittman (MN)
1982-1983	Alfred R. Place (NY)	2009-2010	Linda Stratton (WY)
1983-1984	Kenneth D. Feighner (MI)	2010-2011	Cathy Kaszowski (MA)
1984-1985	Fred G. Gerk (NM)	2011 – 2012	Sue Esser (MI)
1985-1986	Archie C. Holliday (VA)		

**National Association of Dairy Regulatory Officials (NADRO)
54th Annual Meeting**

Past Meeting Locations

1959	Nashville, Tennessee	1986	Burlington, Vermont
1960	Memphis, Tennessee	1987	Rapid City, South Dakota
1961	Jackson, Wyoming	1988	Long Boat Key, Florida
1962	Buffalo, New York	1989	Spokane, Washington
1963	Dodge City, Kansas	1990	Boston Massachusetts
1964	New Orleans, Louisiana	1991	Lincoln, Nebraska
1965	Santa Fe, New Mexico	1992	Williamsburg, Virginia
1966	Burlington, Vermont	1993	Park City, Utah
1967	Madison, Wisconsin	1994	Albany, New York
1968	Morgantown, West Virginia	1995	Bloomington, Minnesota
1969	Jackson, Wyoming	1996	Nashville, Tennessee
1970	Windsor, Connecticut	1997	Sun Valley, Idaho
1971	Sandusky, Ohio	1998	Harrisburg, Pennsylvania
1972	Miami Beach, Florida	1999	Lake of the Ozarks, Missouri
1973	-----	2000	Traverse City, Michigan
1974	-----	2001	Jackson, Wyoming
1975	-----	2002	Colchester, Vermont
1976	Williamsburg, Virginia	2003	Wisconsin Dells, Wisconsin
1977	San Diego, California	2004	Louisville, Kentucky
1978	Saratoga Springs, New York	2005	Portland, Oregon
1979	Branson, Missouri	2006	Lake Placid, New York
1980	Lexington, Kentucky	2007	Columbus, Ohio
1981	Boise, Idaho	2008	Norfolk, Virginia
1982	Portland, Maine	2009	Reno, Nevada
1983	Traverse City, Michigan	2010	Portland, Maine
1984	Winston-Salem, North Carolina	2011	Rapid City, South Dakota
1985	Portland, Oregon	2012	Orange Beach, Alabama

**National Association of Dairy Regulatory Officials
54th ANNUAL CONFERENCE**

President's Report

July 14 – 18, 2012
Orange Beach, Alabama

To the members of NADRO:

It has been a privilege and an honor to serve as your President. I would like to personally thank Chris Thompson, former NADRO President, for his hard work and dedication to the NADRO organization. Chris stepped down as NADRO President when he accepted a position with the USDA market Administrator's Office in Atlanta, Georgia in October of 2011, allowing me the opportunity to become President. We look forward to working with Chris in his new capacity whenever the opportunity arises. We had a very successful meeting in Orange Beach, Alabama with 49 members and guests in attendance including 17 state voting delegates. This represented an increase in attendance from our 2011 NADRO meeting. I'd like to applaud Eunice Schlappi for doing a great job of getting the word out to interested dairy stakeholders about our annual meeting and the purpose of the NADRO organization. I'd also like to thank G.M. Gallaspy and everyone from Alabama for their warm hospitality.

The attendees at our 2012 meeting heard reports for two ad hoc committees that were formed during the 2011 NADRO meeting. Dan Scruton from Vermont chaired the Somatic Cell Count Committee and delivered that committee's report. Much interest in somatic cell count legal limits was generated as a result of the 2011 National Conference on Interstate Milk Shipments and further discussion occurred at our NADRO meeting. The other ad hoc committee was chaired by John Beers from Virginia. This committee was charged with studying ways to increase NADRO membership. The committee reported its findings which included the concept of holding conference calls between NADRO annual meetings. These calls would be scheduled in response to current issues of concern to NADRO members and stakeholders. The committee also recommended that the NADRO annual meeting continue to be held in July each year beginning on the second Saturday.

Again it has been an honor serving as your President and I look forward to seeing you in Cody, Wyoming in July 2013.

Respectfully Submitted,

*Susan Esser
Michigan Department of Agriculture and Rural Development*

**National Association of Dairy Regulatory Officials
54th ANNUAL CONFERENCE**

Committee Assignments

AUDIT

Darwin Kurtenbach, Chair
John Miller
Eunice Schlappi

**JOINT COMMITTEE ON ANIMAL
HEALTH, GRADE "A", AND
MANUFACTURING DAIRY
REGULATIONS**

Don McClellan, Chair
Casey McCue
John Sheehan
Dan Scruton
Dru Haderlie
Terry Philibeck
Gene Wiseman
Jamie Jonker
Clay Hough
Phil Wolff
John Sanford
Bob Rogers
Vance Bybee
Wayne Carlson
Bob Gilchrist
Bob Kiser
Tom O'Connell
Roger Tedrick
Chris Thompson
Ricky Williams

PROGRAM COMMITTEE

Sue Esser, Chair
Executive Committee members

AWARDS

Darwin Kurtenbach, Chair
Eunice Schlappi

NCIMS

Gary Newton, Chair
Bob Hennes
John Miller
Peggy Gates
John Beers
Mitchell Martin
Chuck Meek
Rebecca Piston
Frank Barcellos
G.M. Gallaspy
Jason Lazenby
Kevin Lemmons

NOMINATING

Peggy Gates, Chair
G.M. Gallaspy
Darwin Kurtenbach

RESOLUTIONS

Casey McCue, Chair
Don McClellan

**National Association of Dairy Regulatory Officials
54th ANNUAL CONFERENCE**

NADRO Business Meeting Minutes

July 15, 2012

President Susan Esser called the NADRO business meeting to order at approximately 3:30pm.

Secretary Casey McCue called the roll. The following states delegates or alternate delegates were in attendance.

Alabama
Florida
Georgia
Indiana
Kentucky
Michigan

Missouri
New York
North Dakota
Ohio
Oklahoma
Oregon

South Dakota
Utah
Vermont
Virginia
Wyoming

A quorum was present

Officers Present included:

- President, Susan Esser
- Vice President, Don McClellan
- Secretary, Casey McCue
- Executive, Treasurer Eunice Schlappi

NASDA Report

Vice President Don McClellan gave the NASDA Report.

The next order of business was Committee and Resolution assignments.
(the assignments are included in this Annual Report).

Peggy Gates explained to the attendees the openings present of Vice President and Secretary.

Meeting was adjourned at 5:30 pm to reconvene at 8:00 am on Jul 18, 2012.

**National Association of Dairy Regulatory Officials
54th ANNUAL CONFERENCE**

NADRO Business Meeting Minutes

July 18, 2012

The meeting was called back into order at 8:15 am on Wednesday, July 18, 2012 by President Susan Esser. Secretary Casey McCue called roll and a quorum was once again established with sixteen out of the seventeen delegates present.

Membership Committee Report:

John Beers, chair of the membership committee, discussed with the attendees ways to try to gain a larger outreach to the association such as conference calls throughout year. This would be open to delegates and attendees from previous conferences. Mr. Beers also pointed out the NADRO Meeting on our normal week in July, coincided with the American Dairy Science Association Conference.

Somatic Cell Committee Report:

Dan Scruton, Chair of the Somatic Cell Committee, expressed the committees desire to let the new USDA Compliance Plan for Milk to be Exported to go into affect allowing the market place to directly deal with the matter.

Resolution Committee Report:

Casey McCue, Chair of the Resolutions Committee presented seven resolutions and one action item. Six resolutions were approved by the delegates with the lone action item being defeated by the members.

(The resolutions which passed are included in this Annual Report).

Financial Report:

Eunice Schlappi, Executive Treasurer, presented the financial report and was voted on and accepted by the delegates.

Audit Committee Report:

Darwin Kurtenbach, Chair of the Audit Committee, presented the report which was voted on and accepted by the delegates.

Old Business: None

New Business:

Darwin Kurtenbach discussed further the idea of conference calls prior to the NASDA meetings to be able to get out in front of issues.

Nominating Committee Report:

Peggy Gates, Chair of the Nominating Committee gave her report which included the nominations of
Dru Haderlie (WY), Vice President and Gary Newton (FL), Secretary. Nominations were accepted and approved by the voting delegates.

Host State for 2013:

President Susan Esser announced Cody, Wyoming would be the site for the 2013 Conference and an interest by Missouri to host the 2014 Conference.
Meeting was adjourned at approximately 9:45 am.

**National Association of Dairy Regulatory Officials
54th ANNUAL CONFERENCE**

NADRO Business

Somatic Cell Count Committee Report:

Chair - Scruton, Dan

The committee met twice over conference calls. The first call came after USDA had rolled out its plan for compliance with EU directives. There was total consensus that SCC is not a public Health Issue below a 750,000 SCC limit. After an interesting discussion it was decided to give the USDA program a few months to see if industry was having problems meeting the requirements. We again met April 26, 2012 and industry reported that the program was going well but there were concerns about derogations after the first year.

The consensus although not quite unanimous was that the USDA program is working and that allowing the market to deal with quality beyond public health needs is the preferred method. Unless something changes the recommendation to the NADRO Board is that NADRO should not put in an SCC proposal unless something changes in the way the USDA program is working.

The committee was given the names and email of all the NADRO members on the committee and asked to contact one of us if anything warranting a change in position occurs before the July NADRO Meeting. I have had no comments from other members.

Respectfully submitted, Daniel L. Scruton, Dairy Programs Section Chief
Vermont Agency of Agriculture, Food and Markets

Members of the SCC Committee were:

Researchers

Dr. Joe Hogan	
Ohio State University	(did not make it onto the calls)
Dr. David Bray	University of Florida

USDA

- AMS - Dairy Programs	
Susan Sausville	USDA AMS Dairy Programs

FDA

Dr. Amber McCoig	FDA/CFSAN/OFS/DEB
Marybeth Willis	FDA-SE Region HFR-SE14

State

Claudia Coles	Washington State Department of Agriculture
Alf Reeb	New Mexico Department of Agriculture
Gene Wiseman	Missouri State Milk Board
Peggy Gates	Georgia Department of Agriculture
John Beers	Virginia Department of Agriculture
Dan Scruton	Vermont Agency of Agriculture

Industry

Carrie Fry	International Dairy Foods Association
Jamie Jonker	National Milk Producers Federation

Respectively Submitted by: Casey McCue, Secretary

National Association of Dairy Regulatory Officials

54th Annual Meeting

July 14 – 18, 2012

**Island House Hotel
Orange Beach, Alabama**

Resolutions and Action Items

National Association of Dairy Regulatory Officials
54th Annual Meeting

2012 Resolutions

No. 1

Whereas, the 54th Annual Meeting of the National Association of Dairy Regulatory Officials was held at the Island House Hotel, Orange Beach, Alabama, July 14-18, 2012, and

Whereas, the staff and management of the Island House Hotel provided exceptional service and outstanding hospitality by way of meeting rooms, catering, and guest room accommodations and the participants of the 54th Annual Meeting thoroughly enjoyed the conference facilities, proceedings, and activities,

Therefore, BE IT RESOLVED, that the attendees and participants of the 54th Annual Meeting of the National Association of Dairy Regulatory Officials thank the staff, management, and especially Tyler Crawford of the Island House Hotel for their extra efforts in providing exceptional hospitality.

Adopted on July 18, 2012

National Association of Dairy Regulatory Officials
54th Annual Meeting

2012 Resolutions

No. 2

Whereas, the 54th Annual Meeting of the National Association of Dairy Regulatory Officials was hosted by the Alabama Department of Public Health, Orange Beach, Alabama, July 14-18, 2012, and

Whereas, the speakers provided informative reports and subject content for the meeting participants, and they added substantially to the success of the annual conference, and the participants of the 54th Annual Meeting enjoyed the conference proceedings and activities.

Therefore, BE IT RESOLVED that the attendees and participants of the 54th Annual Meeting of the National Association of Dairy Regulatory Officials thank the speakers for their efforts in making this an educational and successful conference.

The speakers were as follows:

Dr. Donald E. Williamson, AL, Welcome to Alabama
G.M. Gallaspy, AL, Welcome to Alabama
Sue Esser, MI, President's Report
Don McClellan, UT, NASDA Report
John Miller, FL, NCIMS Update
Chris Thompson, FMMA Update
Phil Wolff, USDA, USDA Update and EU/USDA SCC Program
Jamie Jonker, NMPF, NMPF Update
Clay Hough, IDFA, IDFA Update
Capt. Robert Hennes, FDA, FDA Update and Robotic Milking
Dr. William Batchelor, Auburn University, Meeting the World Demand for Food
Amanda Trice, SUDIA, Media in Agriculture

State Reports from participating states

Adopted on July 18, 2012

National Association of Dairy Regulatory Officials
54th Annual Meeting

2012 Resolutions

No. 3

Whereas, the Alabama Department of Public Health hosted the 54th Annual Meeting of the National Association of Dairy Regulatory Officials at the Island House Hotel, Orange Beach, Alabama, July 14-18, 2012, and

Whereas, the Alabama Department of Public Health, especially G.M. Gallaspy, Pat Nelson, Randy Astin, Audra Jones, Mike Clinksale, Ron Dawsey and Pres Allinder, planned, organized, and presented a very successful and informative conference, and

Whereas, the participants of the 54th Annual Meeting enjoyed the conference proceedings and activities,

Therefore, BE IT RESOLVED, that the attendees and participants of the 54th Annual Meeting of the National Association of Dairy Regulatory Officials congratulate and thank the Alabama Department of Public Health and staff for their efforts in extending cordial and outstanding hospitality.

Adopted on July 18, 2012

National Association of Dairy Regulatory Officials
54th Annual Meeting

2012 Resolutions

No. 4

Whereas, the Alabama Department of Public Health hosted the 54th Annual Meeting of the National Association of Dairy Regulatory Officials at the Island House Hotel, Orange Beach, Alabama July 14-18, 2012, and

Whereas, HP Hood LLC, 3-A Sanitary Standards Inc., Williams Trucking Co. and the International Dairy Foods Association have gracefully provided financial support to the Association.

Therefore, BE IT RESOLVED, that the attendees and participants of the 54th Annual Meeting of the National Association of Dairy Regulatory Officials congratulate and thank HP Hood LLC, 3-A Sanitary Standards Inc., Williams Trucking Co. and the International Dairy Foods Association for their gracious support of this organization.

Adopted on July 18, 2012

National Association of Dairy Regulatory Officials
54th Annual Meeting

2012 Resolutions

No. 5

Whereas, the Alabama Department of Public Health hosted the 54th Annual Meeting of the National Association of Dairy regulatory Officials at the Island House Hotel, Orange Beach, Alabama, July 14-18, 2012, and

Whereas, the following companies provided dairy products from the State of Alabama:

Mayfield Dairy
Barber Dairy

Therefore, BE IT RESOLVED, that the attendees and participants of the 54th Annual Meeting of the National Association of Dairy regulatory Officials at the Island House Hotel, Orange Beach, Alabama, July 14-18, 2012, congratulate and thank these Alabama Companies that gave generously for the enjoyment of the attendees.

Adopted on July 18, 2012

National Association of Dairy Regulatory Officials
54th Annual Meeting

2012 Resolutions

No. 6

Whereas, the 54th Annual Meeting of the National Association of Dairy Regulatory Officials was held at the Island House Hotel, Orange Beach, Alabama, July 14-18, 2012, and

Whereas, Eunice Schlappi has been diligent in dispatching her duties and

Whereas, she has given time and talent to help organize and plan this conference and

Whereas, she has sacrificed personal time to help facilitate and expedite these proceedings and

Whereas, she has been tireless in her bookkeeping.

Therefore BE IT RESOLVED, the National Association of Dairy Regulatory Officials warmly and sincerely recognize and thank Eunice Schlappi for her efforts which are above and beyond expectations.

Adopted on July 18, 2012

**National Association of Dairy Regulatory Officials
54th ANNUAL CONFERENCE**

Audit Committee Report & Executive Treasurers Report

2011-2012 NADRO Financial Statement

Ck #/Dep	date	To/From			
		Total Annual Meeting Expenses	(\$7,643.60)		
		Total CC fees	(\$607.66)		
		Total - other expenses	(\$2,024.71)		
		Total interest earned		\$11.09	
		Total income dues/registrations/sponsorships (\$2000 sponsors & \$5200 dues)		\$16,211.80	
		2011			
		Income		\$16,222.89	
		Expenses	(\$10,275.97)		
		Net gain for 2011			\$5,946.92
		2011 ending checking/savings balance = \$16,510.44			
		NOTE: \$10,000 moved to savings in 8/2011			

Audited 7-17-12

Darius W. Dwyer
John J. Miller

Accounting
Submitted by Eugene Schlappi
7-17-12

Continued

Checking Acct 2011

Ck #/Dep	date	To/From	For:	Debits	Credits	Balance
	2011	Beginning balance			\$ 10,548.59	\$ 10,548.59
	1/4/2011	cc fees	fees	\$ 29.95		\$ 10,518.64
	1/31/2011	interest	interest		\$ 0.89	\$ 10,519.53
	2/4/2011	cc fees	fees	\$ 29.95		\$ 10,489.58
	2/18/2011	dues	dues		\$ 1,000.00	\$ 11,489.58
	2/18/2011	microsoft web domain (no receipt-auto)	annual fee	\$ 14.95		\$ 11,474.63
	2/28/2011	interest	interest		\$ 0.83	\$ 11,475.46
	3/4/2011	cc fees	fees	\$ 0.13		\$11,475.33
	3/4/2011	cc fees	fees	\$ 11.45		\$11,463.88
	3/4/2011	cc fees	fees	\$ 24.20		\$11,439.68
	3/21/2011	dues	dues		\$ 1,000.00	\$12,439.68
	3/23/2011	dues	dues		\$ 200.00	\$12,639.68
1024	3/23/2011	John Beers	mid yr mtg	\$ 1,684.76		\$10,954.92
	3/29/2011	dues	dues		\$ 1,800.00	\$12,754.92
	3/31/2011	interest	interest		\$ 0.98	\$12,755.90
	4/3/2011	dues	dues		\$ 200.00	\$12,955.90
	4/5/2011	cc fees	fees	\$ 11.75		\$12,944.15
	4/5/2011	cc fees	fees	\$ 13.06		\$12,931.09
	4/5/2011	cc fees	fees	\$ 33.88		\$12,897.21
	4/7/2011	registrations	registrations		\$ 442.90	\$13,340.11
	4/11/2011	dues	dues		\$ 600.00	\$13,940.11
1026	4/27/2011	Gray Line Tours (ck 1025 void)-deposit	annual mtg exp	\$ 250.00		\$13,690.11
	4/30/2011	interest	interest		\$ 1.12	\$13,691.23
	5/4/2011	dues/registrations	dues/registrations		\$ 1,111.55	\$14,802.78
	5/4/2011	Build A Sign-banners	annual mtg exp	\$ 67.08		\$14,735.70
	5/4/2011	cc fees	fees	\$ 11.38		\$14,724.32
	5/4/2011	cc fees	fees	\$ 18.51		\$14,705.81
	5/4/2011	cc fees	fees	\$ 20.88		\$14,684.93
	5/10/2011	dues/registrations	dues/registrations		\$ 795.00	\$15,489.93
	5/31/2011	interest	interest		\$ 1.29	\$15,491.22
	6/8/2011	cc fees	fees	\$ 5.82		\$15,485.40
	6/6/2011	cc fees	fees	\$ 11.15		\$15,474.25
	6/6/2011	cc fees	fees	\$ 28.57		\$15,445.68
	6/9/2011	Walmart-2010 pictures	annual mtg exp	\$ 29.08		\$15,416.60
	6/9/2011	dues/registrations	dues/registrations		\$ 1,189.65	\$16,606.25
	6/9/2011	Walmart-2010 pictures	annual mtg exp	\$ 17.12		\$16,589.13
1027	6/14/2011	Gray Line Tours-balance due	annual mtg exp	\$ 1,174.25		\$15,414.88
	6/21/2011	dues/registrations	dues/registrations		\$ 5,775.00	\$21,189.88
	6/22/2011	dues/registrations	dues/registrations		\$ 607.70	\$21,797.58
	6/23/2011	USPS-shipping albums	annual mtg exp	\$ 78.80		\$ 21,718.78
	6/21/2011	Almpring-name badges	annual mtg exp	\$ 317.43		\$21,401.35
1028	6/28/2011	Curtis Trophy-plaques	annual mtg exp	\$ 174.75		\$21,226.60
	6/30/2011	interest	interest		\$ 1.45	\$21,228.05
	7/6/2011	cc fees	fees	\$ 2.40		\$21,225.65
	7/6/2011	cc fees	fees	\$ 14.65		\$21,211.00
	7/6/2011	cc fees	fees	\$ 46.19		\$21,164.81
	7/12/2011	Silverado -Deadwood-dinner 7/10/2011	annual mtg exp	\$ 608.94		\$20,555.87
	7/13/2011	Cabelas-gift for assistant	annual mtg exp	\$ 25.00		\$20,530.87
	7/13/2011	Ray Gallegos-bus driver tip	annual mtg exp	\$ 150.00		\$20,380.87
	7/13/2011	Shirt Shack	annual mtg exp	\$ 13.77		\$20,367.20
1029	7/14/2011	Prairie Berry Winery-lunch tour	annual mtg exp	\$ 479.81		\$19,887.39

Continued

1035	7/18/2011	Tony Shumaker - Office Max-shipping	annual mtg exp	\$ 45.87		\$19,841.52
1033	7/18/2011	Tony Shumaker - Walmart-hospitality room	annual mtg exp	\$ 50.94		\$19,790.58
	7/19/2011	dues/registrations	dues/registrations		\$ 995.00	\$20,785.58
1037	7/19/2011	Ramkola-Rapid City	annual mtg exp	\$ 3,462.84		\$17,322.74
	7/20/2011	registrations	dues/registrations		\$ 295.00	\$17,617.74
1034	7/21/2011	Darwin Kurtenbach-misc mtg expenses	annual mtg exp	\$ 386.96		\$17,230.78
1032	7/27/2011	Gene Stegeman-cheese/hosp room	annual mtg exp	\$ 32.07		\$17,198.71
	7/31/2011	interest	interest		\$ 1.64	\$17,200.35
1031	8/1/2011	Dan Dvorak (speaker room)	annual mtg exp	\$ 52.45		\$17,147.90
	8/2/2011	move to savings		\$ 10,000.00		\$7,147.90
	8/4/2011	cc fees	fees	\$ 7.58		\$7,140.32
	8/4/2011	cc fees	fees	\$ 12.39		\$7,127.93
	8/4/2011	cc fees	fees	\$ 20.31		\$7,107.62
	8/6/2011	Walmart-2011 pictures	annual mtg exp	\$ 38.44		\$7,071.18
	8/31/2011	interest	interest		\$ 0.63	\$7,071.81
	9/7/2011	cc fees	fees	\$ 3.81		\$7,068.00
	9/7/2011	cc fees	fees	\$ 20.00		\$7,048.00
	9/8/2011	dues-AL	dues/registrations		\$ 200.00	\$7,248.00
	9/10/2011	NASDA registration	NASDA mtg	\$ 325.00		\$6,923.00
	9/30/2011	interest	interest		\$ 0.67	\$6,923.67
	10/4/2011	cc fees	fees	\$ 20.00		\$6,903.67
	10/31/2011	interest	interest		\$ 0.59	\$6,904.16
	11/4/2011	cc fees	fees	\$ 189.75		\$6,714.41
1039	11/16/2011	Nichol-compiling annual report	annual mtg exp	\$ 200.00		\$6,514.41
	11/30/2011	interest	interest		\$ 0.65	\$6,514.96
	12/6/2011	cc fees	fees	\$ 20.00		\$6,494.96
	12/31/2011	interest	interest		\$ 0.65	\$6,495.61
				\$ 20,275.07	\$ 26,771.48	\$ 6,495.61
		(cr \$26771.48 - beg bal \$10548.89 =	\$16,222.89			
		(dbt \$20275.07 - move to svgs \$10000 =	10,275.07			
		Net Gain	\$5,948.92			

**National Association of Dairy Regulatory Officials
54th ANNUAL CONFERENCE**

Nominating Committee Report

President	Sue Esser, Michigan
President Elect	Casey McCue, New York
Vice President	Dru Haderlie, Wyoming
Secretary	Gary Newton, Florida

Respectively submitted:

Peggy Gates, Chair
G.M. Gallaspy
Darwin Kurtenbach

**National Association of Dairy Regulatory Officials (NADRO)
54th Annual Meeting**

NADRO Executive Committee Meeting Minutes

July 15, 2012

Executive Board Meeting called to order at 10:30 a.m. on July 15, 2012 by President Susan Esser

In attendance: Sue Esser
Don McClellan
Eunice Schlappi
Darwin Kurtenbach
Peggy Gates
Casey McCue
Gene Wiseman
Wayne Carlson

Opening Remarks: President Sue Esser welcomed everyone and started into the Association Business.

2012 Conference Information: Eunice reported conference had approximately 50 attendees from 17 states, with 24 states paying dues.

Conference Sponsors: HP Hood, Williams Dairy & Trucking, 3-A SSI, and IDFA

Future Conferences: Group discussed 2013 Conference in Cody, Wyoming and Gene Wiseman expressed interest in 2014 conference in either St. Louis or Kansas City

Committee Assignments: Executive Board discussed and assigned committee members.

Nomination Committee: President Esser chose Peggy Gates to Chair Nomination Committee and group discussed vacancies. The format calls for a Vice President from the Western States and a Secretary from the South.

Meeting was adjourned at 12:00 p.m.

National Association of Dairy Regulatory Officials

54th Annual Meeting

July 14 – 18, 2012

**Island House Hotel
Orange Beach, Alabama**

Constitution and Bylaws as Amended July 14, 2010

NATIONAL ASSOCIATION OF DAIRY REGULATORY OFFICIALS

CONSTITUTION

ARTICLE I Name

The name of this association shall be the National Association of Dairy Regulatory Officials. (Amended December 4, 2008)

ARTICLE II Objectives and Purposes

The objectives and purposes of this Association shall be to:

- (1) Protect the health, welfare, and interests of the consumers of dairy products;
 - (2) Consider problems and effect programs designed to further the interests of our American dairy farmer and dairy industry;
 - (3) Promote unity and efficiency in the application of regulatory measures in the dairy fields;
 - (4) Formulate recommendations relating to the general use or application of designations, definitions, standards of composition, marketing, standard methods of analysis, and requirements for marketing and labeling milk and dairy products;
 - (5) Advise the National Association of State Departments of Agriculture on dairy issues.
- (Amended July 26, 2000; December 4, 2008)

ARTICLE III Membership

SECTION (1) The voting member of this Association shall consist of such persons charged with the enforcement of state or territory dairy laws or program evaluation as designated by the head of each State or Territory Department of Agriculture, State or Territory Department of Health, or other State or Territory Agency. All heads of State or Territory Departments of Agriculture, State or Territory Departments of Health, or other State or Territory Agency shall be ex-officio members of this Association. (Amended August 15, 2005; December 4, 2008)

SECTION (2) Associate members of this organization may consist of dairy industry representatives or other dairy related organizations. Associate members are non-voting. Associate members shall be recognized in the annual meeting proceedings. (Amended July 14, 2010)

ARTICLE IV Officers

The Association shall annually elect a President, President-Elect, Vice President, Secretary and Executive Treasurer. (Amended December 4, 2008)

ARTICLE V Executive Committee

SECTION (1) The Executive Committee of this Association shall be composed of the President; the President-Elect; the Vice-President; the Secretary, the Executive Treasurer and the immediate Past President. The President-Elect shall serve as Chair of the Executive Committee. If, for any reason, the President-Elect is ineligible to serve, then the Vice-President shall serve as Chair of the Executive Committee. (Amended July 26, 2000; December 4, 2008)

SECTION (2) The affairs of this Association between Association meetings shall be administered by the Executive Committee. (Amended December 4, 2008)

SECTION (3) If not otherwise provided by the Bylaws, the Executive Committee shall fill vacancies occurring in all offices.

ARTICLE VI Annual Meetings

An annual meeting shall be held at such time and place as the Association may direct. Special meetings shall only be called by the President and upon request of a majority of the members of the Executive Committee. (Amended December 4, 2008)

ARTICLE VII Voting

SECTION (1) All members of this Association who are present at a duly scheduled session of any annual or special Association meeting shall be recognized as a quorum authorized to transact any business of this Association, but not more than one vote from a member State or Territory shall be counted on any questions voted upon. (Amended December 4, 2008)

SECTION (2) The names of one voting delegate and one alternate delegate from a State or Territory shall be registered with the Secretary by the respective head of the State or Territory Department of Agriculture, State or Territory Department of Health, or other State or Territory Agency. Thereafter, the voting delegate shall cast all votes for the state or territory from which the delegate is registered. Provided, however, in the absence of a voting delegate, an alternate delegate may cast votes for the state or territory from which the alternate delegate is registered. (Amended July 26, 2000; Amended August 15, 2005)

ARTICLE VIII Proxies

No proxies shall be permitted at any meeting of the Executive Committee or of this Association. (Amended December 4, 2008)

ARTICLE IX Bylaws

Appropriate Bylaws to effectuate and carry out the provisions of this Constitution may be adopted by a majority of the members present and voting at any annual meeting.

ARTICLE X Amendments

No amendment shall be considered unless such amendment has been presented for consideration to the membership thirty (30) days prior to a duly scheduled meeting. (Amended August 15, 2005)

ARTICLE XII Miscellaneous

No member, or person, or groups of members or persons, shall represent or speak for or represent oneself or themselves as having the right to speak for or having the endorsement of this Association unless consent thereto has first been given by a majority of the members of the Association present and voting at a duly scheduled session of an annual or special Association meeting, or by three-fourths of the members of the Executive Committee between Association meetings. (Amended December 4, 2008)

NATIONAL ASSOCIATION OF DAIRY REGULATORY OFFICIALS

BYLAWS

ARTICLE I Officers

SECTION (1) All officers of the Association shall be elected annually at the annual Association meeting, and shall serve from final adjournment of the annual Association meeting at which they have been elected until the final adjournment of the next annual Association meeting or until their successors have been duly chosen. (Amended December 5, 2008)

SECTION (2) Nominations for each office in the Association shall be made by a Nominations Committee appointed by the President. Additional nominations may be made by any member of the Association. (Amended December 5, 2008)

SECTION (3) The President shall perform the usual duties pertaining to that office and shall appoint all necessary committees. Committee members shall serve until their successors have been duly appointed or the committee discharged, unless otherwise indicated by members of the Association at any Association meeting. (Amended December 5, 2008)

SECTION (4) The President-Elect shall assume the duties and powers of the President in the absence of the President, and shall perform such other duties as the Executive Committee may direct. The President-elect shall automatically become President of the Association whenever a vacancy in the office occurs. The President-Elect, when assuming the duties of the President due to a vacancy in that office, shall not, as a result thereof, be ineligible for election to the office of President for the subsequent year. Members shall not be eligible to succeed themselves after having been elected to any office, except for the Executive Treasurer, who may succeed herself/himself. (Amended December 5, 2008)

SECTION (5) The Secretary shall keep the minutes of all Association meetings and meetings of the Executive Committee and conduct all official correspondence of the Association. (Amended December 5, 2008)

SECTION (6) The Executive Treasurer shall collect and disburse all monies of the Association. The records and accounts of the Association shall be audited annually by a committee appointed by the President. (Amended December 5, 2008)

ARTICLE II Executive Committee

A meeting of the Executive Committee shall be held immediately after each annual Association meeting. Other meetings may be called, on not less than fourteen days notice, by the President or by a majority of the members of the Executive Committee. The Executive Committee, after notice to all of its members, may also act by written vote, filed with the Secretary. (Amended December 5, 2008)

ARTICLE III Dues

SECTION (1) Dues, if any, shall be set at a regular meeting of the Association, and shall be paid annually, by or on behalf of each State or Territory Department of Agriculture, State or Territory Department of Health, or other State or Territory Agency which has designated a person or persons for membership. Such dues shall be payable annually in January, and nonpayment of such dues by, or on behalf of any State or Territory shall operate to suspend such State or Territory from all rights and privileges of the Association, including voting privileges. (Amended July 26, 1962; July 26, 2000; July 13, 2005; December 5, 2008)

SECTION (2) Associate members dues, if any, shall be set at a regular meeting of the Association, and shall be paid annually, by or on behalf of each Associate supporting member. Such dues shall be payable annually in January, and nonpayment of such dues by, or on behalf of any Associate member shall operate to suspend the Associate membership. (Amended July 14, 2010)

SECTION (3) No dues shall be required of honorary lifetime members. (Amended July 26, 2000)

ARTICLE IV Procedure

The Proceedings and deliberations of the Association, including meetings of the Executive Committee, shall be governed by the Rules of Parliamentary Practices established by Roberts' Rules of Order, revised. (Amended December 5, 2008)

ARTICLE V Honorary Lifetime Membership

SECTION (1) Honorary lifetime membership may be bestowed on any former member who has attended at least five annual meetings as a state or territory dairy regulatory official who is no longer active in enforcement of any state or territory dairy laws, by a majority of the Executive Committee. (Amended July 26, 2000; Amended July 14, 2010)

SECTION (2) Honorary lifetime members shall be entitled to all the privileges and information granted to a member, except voting rights. The honorary lifetime member shall be entitled to complimentary dues remission, but may be required to pay all or a portion of the normal registration fee for the meeting in which they are in attendance as determined by the Executive Committee. (Amended July 14, 1983; July 26, 2000)

ARTICLE VI Amendments

These Bylaws may be amended at any duly scheduled meeting attended by a majority of the members. (Amended December 5, 2008)

National Association of Dairy Regulatory Officials

54th Annual Meeting

July 14 – 18, 2012

**Island House Hotel
Orange Beach, Alabama**

Introductions and Presentations

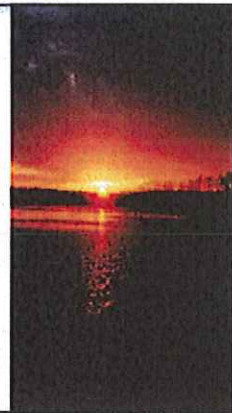
U. S. Department of Agriculture
Agricultural Marketing Service
Dairy Grading Branch

Somatic Cell Counts

Presented By Philip Wolff

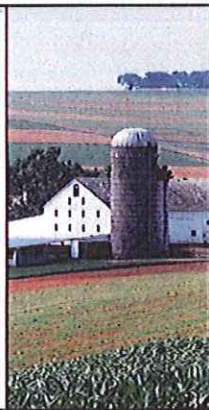
USDA Mission

We Provide Leadership On
Food, Agriculture, Natural
Resources, And Related
Issues Based On Sound
Public Policy, The Best
Available Science, And
Efficient Management



AMS Mission

The Mission Of Usda's
Agricultural Marketing Service
Is To Facilitate The
Competitive And Efficient
Marketing Of Agricultural
Products.



Dairy Grading Branch Mission

Provide Timely, Cost
Effective, And Accurate
Inspection And Grading
Services To Our Customers
We Will Accomplish This
Mission With A Dedicated,
Courteous, Professional
Staff



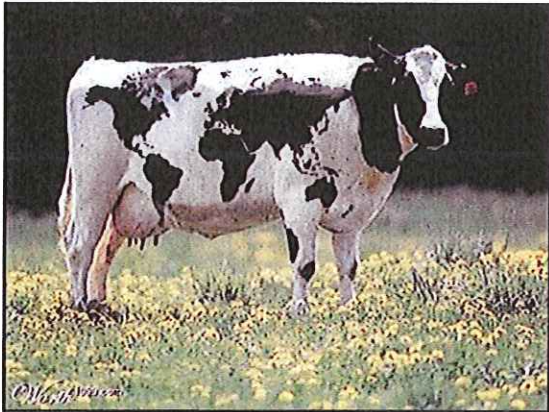
Dairy Grading Branch

- ◆ Product Grading
- ◆ Dairy Plant Surveys
- ◆ Grade Label
- ◆ Equipment Reviews
- ◆ Salmonella Surveillance
- ◆ Export Certificates



Grade Label Shields





Export Certificates

- ◆ For Dairy And Related Products
- ◆ Lot Specific



Total US Exports (2011)


- ◆ Total value - \$4.8 billion
- ◆ Total lbs. - 3.2 billion
- ◆ Percent of Milk Production - 13.3%*
- ◆ Percent of Whey Proteins - 55%
- ◆ Percent of NDM - 49%
- ◆ Percent of Butterfat - 7.6%
- ◆ Percent of Cheese - 4.7%

*Total Milk Solids





Somatic Cell and Bacteria Limits

US Requirements	EU Requirements
◆ Somatic Cells per mL 750,000	◆ Somatic Cells per mL 400,000
◆ Bacteria per mL 100,000 Grade A Milk 500,000 Grade B Milk	◆ Bacteria per mL 100,000



USDA Requirements (Through 2012)

- ◆ Random Samples
 - 10% of bulk tankers
- ◆ Analyze Each Bulk Tanker
 - average each day's result
- ◆ Maintain Records
 - traceability to actual counts
- ◆ Other?



Why the Change?

- ◆ EU Audit 2009 – One Of Four Findings Was Our Procedure For Determining Somatic Cells
- ◆ EU Requirements
 - milk sampling takes place at the farm level
 - calculation of counts



What is Required? (Bacteria - Grade A Farms)

- ◆ Test Farms Monthly For Bacteria
- ◆ Maintain Records
- ◆ Other Procedures?



What is Required? (Bacteria - Grade B Farms)

- ◆ Test Farms Twice A Month For Bacteria
- ◆ Maintain Records
- ◆ Other Procedures?



What is Required? (Somatic Cells- Grade A & B Farms)

- ◆ Test Farms Monthly for Somatic Cells
- ◆ Maintain Records
- ◆ Other Procedures?



AMS Role

- ◆ Facilitate Exports of US Dairy Products
- ◆ Maintain Market Access to the EU
- ◆ Certify that Products Meet EU Requirements



Milk Supplier Role

- ◆ Sample And Test Milk
- ◆ Maintain Records
- ◆ Provide A Certificate of Conformance to Processors



Farms Above EU Requirements

- ◆ The Milk Supplier Must Notify The AMS Dairy Programs
- ◆ Take Appropriate Measures To Bring The Farm Back Into Compliance.



Farms That Remain Above EU Requirements

- ◆ Suspend Pick Up Of Milk
- ◆ Segregate The Milk
- ◆ Discontinue Certifying That Products Meet The Requirements Of The EU
- ◆ Contact The Dairy Programs And Ask For A Derogation



Derogations

- ◆ The Milk Is Pasteurized Or Made Into Cheese That Will Be Aged At Least 60 Days Before Being Placed On The Market
- ◆ Compliance Monitoring Activities Must Continue
- ◆ A Period Of One Year



Seasonal Derogation

- ◆ In Compliance With The EU Requirements For 9 Months The Year
- ◆ Must Be Able To Demonstrate Through Records That This Variation Is Truly Seasonal
- ◆ Renewed Every Three Years



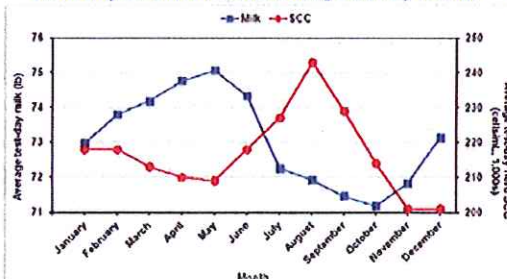
Average test-day somatic cell count from Dairy Herd Improvement herds during 2011



H.D. Norman, T.A. Cooper, and F.A. Ross, Jr.
Animal Improvement Programs Laboratory, Agricultural Research Service,
USDA, Beltsville, MD 20705-2350

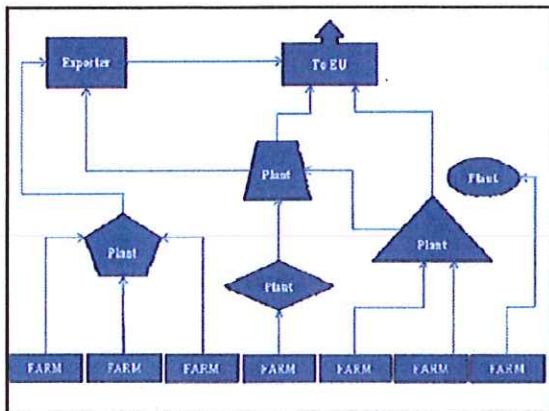


Herd Improvement herds during 2011 by month



www.aipl.arsusda.gov/publish/dhi/current/sccrpt.htm





Geometric vs. Arithmetic Mean

◆ $a \geq g$ Thus:

$$a_1 = \frac{1}{2}(24 + 6) = 15$$

$$g_1 = \sqrt{24 \times 6} = 12$$



Geometric Mean

◆ From This We Can Deduce That

$$y = y_1 \frac{a_0}{a_1} = y_1 \frac{2a_0}{a_0 + g_0} = \frac{2y_1}{1+x}$$

$$\frac{dy}{dx} = -\frac{2}{(1+x)^2} y_1 - \frac{2}{1+x} \frac{dy_1}{dx} \frac{dx_1}{dx}$$



Geometric Mean

◆ After Some Elementary Rearrangement We Get:

$$\frac{d}{dx} \left[(x-x_1) \frac{dy}{dx} \right] - y = \frac{1-x}{(1+x)\sqrt{x}} \left\{ \frac{d}{dx_1} \left[(x_1-x_1) \frac{dy_1}{dx_1} \right] - y_1 \right\}$$

◆ Using The Same Considerations We Can Deduce That:

$$g = \frac{\frac{2}{2A} (a_0 + g_0)}{\left(\sqrt{1 - \frac{2x_0}{a_0 + g_0}} \right)} = \frac{\frac{2}{4A} (a_0 + g_0)}{\sqrt{\left(\frac{a_0 + g_0}{2} \right)^2}} = \frac{2}{2} (a_1 + g_1) / A \left(\frac{a_0 + g_0}{2} \right)$$

◆ Which Completes The Proof.



Geometric Mean

◆ The Geometric Mean Of Two Numbers, Say 2 And 8, Is Just The Square Root Of Their Product:

$$^2\sqrt{2 \times 8} = 4$$



Geometric Mean

◆ More Generally The Geometric Mean Satisfies

$$G = \sqrt[n]{x_1 x_2 \cdots x_n}$$

◆ And Hence

$$\log G = \frac{1}{n} \sum_{i=1}^n \log x_i$$





Disclaimer

My presentation for this conference has been conducted to those standards considered normal for presentations of this type and at this time and location. Other than this, no guarantee, either expressed or implied, is intended.



Questions?



NCIMS Update

National Association of Dairy Regulatory
Officials
Island House Hotel
Orange Beach, Alabama
July 16, 2012
John Miller, Chair NCIMS

33rd NCIMS Conference

- April 29 – May 4, 2011
- Sheraton Baltimore City Center
- Baltimore, Maryland

Overview of NCIMS

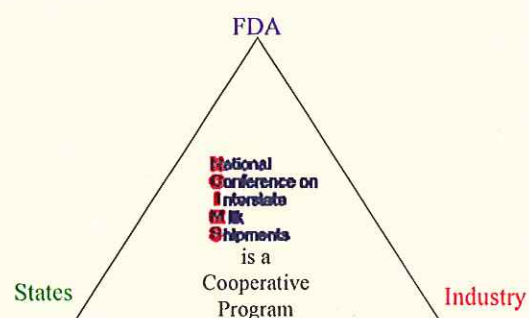
- The National Conference on Interstate Milk Shipments (NCIMS).
- We are a non-profit organization whose goal is *"To Assure the Safest Possible Milk Supply for All the People."*
- The Conference is made up of persons involved in the dairy industry, from the dairy farmer, to processing plant personnel, the persons involved in inspecting the dairy farmer's operation and/or the processing plant, the persons who make the laws concerning the inspections, those who enforce the laws, the academic researcher and adviser, and the consumer of the dairy products.

MOU

- Memorandum of Understanding Between FDA and the NCIMS (1977)
- FDA has responsibility for enforcing the FD&C Act
- NCIMS is a voluntary organization directed and controlled by the member states
- Collaboratively FDA and NCIMS will develop a cooperative federal-state program (IMS Program) to insure the sanitary quality of milk shipped interstate
- IMS program is operated by states with technical, scientific and oversight inspection by FDA

MOU

- IMS Program relies on the PMO and related technical documents to ensure safety and wholesomeness of milk
- FDA considers these standards and requirements adequate for the protection of public health
- Agreement with FDA and NCIMS to follow principles of the Procedures and execute the IMS program



33rd NCIMS Conference

- NCIMS meets biennially in odd-numbered years to consider changes, additions, deletions and modifications to the IMS regulations.
 - The Conference had its first official meeting in 1950
- More information www.ncims.org
- Model Documents, Memos, IMS List:
 - PMO, Methods of Making Sanitation Rating on Milk Supplies, Procedures of NCIMS, Constitution & Bylaws
 - <http://www.fda.gov/Food/FoodSafety/Product-SpecificInformation/MilkSafety/default.htm>

CHAIRMAN (comes from Board Members)	NCIMS Executive Board 27 Members Maximum	VICE CHAIRMAN (comes from Board Members)
<u>Western States - 4 members + 1 at large</u>	<u>Central States - 4 members + 2 at large</u>	<u>Eastern States - 4 members + 1 at large</u>
1 state rating	1 state rating	1 state rating
1 industry	1 industry	1 industry
1 state enforcement	1 state enforcement	1 state enforcement
1 local health department	1 local health department	1 local health department
1 U.S. Department of Agriculture	1 education	1 FDA
	1 laboratory	
OTHER MEMBERSHIPS:		
U.S. Trust Territories, Non U.S. Countries or Political Subdivisions		
Non-Voting Members:		
Executive Secretary	Treasurer	Immediate Past Chairman
Program Chairman		Chairman of NCIMS Liaison Committee
3 Council Chairman		Consumer Representative
IDFA		NMPF

Executive Board

- Eastern States
 - Laurie Butcher – Maryland
 - Casey McCue – New York
- Central States
 - Terrance Philibeck – Indiana
- Western States
 - Michael Wiggs – Idaho
- Industry
 - Don Breiner – Pennsylvania
- FDA
 - John Sheehan

Executive Board

- Elected Chair:
 - John Miller – Florida Dept. of Agriculture and Consumer Services
- Re-elected Vice Chair:
 - Don Breiner – Land O'Lakes, Pennsylvania

Proposal Process - Prior to Conference

Request for proposals - November
 ↓
 Proposal submitted by deadline - February
 ↓
 Program Committee assigns proposal to Council and, if appropriate, Committee - February
 ↓
 NCIMS Conference – April-May

Proposals to 2011

- 30 Proposals Assigned to Council I
 - 18 Passed as Submitted or Amended
 - 48 Proposals Assigned to Council II
 - 33 Passed as Submitted or Amended
 - 13 - 2400 Series Forms
 - 20 – other proposals
 - 13 Proposals Assigned to Council III
 - 6 Passed as Submitted or Amended
- 57 of 91 Proposals Passed as Submitted or Amended

Proposal Assignments

COUNCIL	PROCEDURES	PMO (includes DMO)	OTHER
I	NONE	Sec. 7, 8, 9, 10, 12, 13, 14 App. A, C, D, H, I, J, M, O and Q	Technical Issues SSCC
II	NONE	Sec. 1, 2, 3, 4, 5, 6, 15, 16 App. B, E, F, G, L, N, P and R	MMSR EML
III	ALL PROCEDURES ITEMS	Sec. 11, 17, 18 App. K PMO Introduction	Resolutions Constitution/Bylaws Reciprocity Issues

Proposals are assigned to appropriate Committees (i.e., Laboratory, MMSR, SSCC, Hauling, HACCP, Scientific Advisory, Technical Review, etc.). Committee recommendations are then referred back to the appropriate Councils for further consideration.

Proposal Process - At Conference

↓
Committee decision and recommendation to Council (Fri-Sat)
 Reports to Councils
 ↓
Council discussion and recommendation to Delegates (Sun-Mon)
 (Pass, Amend and Pass, No Action)
 ↓
Voting Delegates deliberation and decision (Tue-Wed)
 (Pass, Amend and Pass, No Action)

Note: all proposals that are sent as "no action" from Council are considered together and dispensed with, unless held over for consideration by state delegate

NCIMS Committees

• Standing Committees

- Constitution & Bylaws – Ellen Fitzgibbons
- Documents Review – Mike Wiggs
- HACCP Implementation – Jason Crafts
- Laboratory – Frank Barcellos
- Method of Making Sanitation Ratings (MMSR)- Mike Wiggs
- NCIMS/FDA Liaison – Sue Esser
- Other Species Milk - Lynn Hinckley
- Program - Cary Frye
- Hauling Procedures - Chris Thompson, Chair
- Scientific Review – Dr. Stephen Beam, Chair
- Single Service Container and Closure – Randy Chloupek, Chair
- Technical Engineering Review – David Lattan, Chair

NCIMS Committees

• Ad Hoc Committees

- Appendix N Modification Study – Roger Hooi
- Aseptic Pilot Program Implementation - Susan Esser
- International Certification Pilot Program – Claudia Coles & Tom Ford

Councils

Council I

Laws & Regulations

Chairman &
Vice Chairman (no vote)

20 Members

10 regulatory 10 Industry

4 alternates

Council II

Responsibilities of Conference Participants

Chairman &
Vice Chairman (no vote)

20 members

10 regulatory 10 Industry

4 alternates

Council III

Application of Conference Agreements

Chairman &
Vice Chairman (no vote)

20 members

10 regulatory 10 Industry

4 alternates

The Chairman appoints a consultant for each Council from the Board. The consultant has no voting rights but will offer advice when needed.

FDA also appoints a consultant for each Council.

Proposal Process - Post Conference

↓
 Transcript of Conference to FDA - within 45 days after conference
 (June 20, 2011)
 ↓
 FDA concur/non-concur letter to Executive Board - within 90-days
 after receiving transcripts (August 4, 2011)
 ↓
 Executive Board meeting (September 27 – 28, 2011)
 ↓
 FDA concurs and mutually agreeable non-concurs (published in
 October 2011 in an IMS-a)
 ↓
 Implementation – One year after electronic publication of affected
 documents or notification to states by IMS-a
 (FDA updates published documents, PMO, Procedures, MMSR, EML, etc)
 ↓
 Unresolved business sent to next Conference

2013 NCIMS Conference

Indianapolis Marriott Downtown,
Indianapolis, IN
April 17 – 25, 2013

Executive Board
Conference Call
July 24, 2012



CFSAN/DEB/MST UPDATE

**NADRO
ANNUAL CONFERENCE
ORANGE BEACH, ALABAMA
JULY 17, 2012**

CAPT ROBERT HENNES
Division of Plant and Dairy Food Safety
Office of Food Safety
Center for Food Safety and Applied Nutrition
U.S. Food and Drug Administration



ADMINISTRATIVE UPDATE

■ **DIRECTOR OF THE CENTER FOR FOOD SAFETY AND APPLIED NUTRITION**

■ **Michael M. Landa, J.D.**

■ **SENIOR SCIENCE ADVISOR**

■ **Donald Zink, Ph. D.**



ADMINISTRATIVE UPDATE

■ **DEPUTY DIRECTOR FOR OPERATIONS**

■ **Ted Elkin (Acting)**

■ **DEPUTY DIRECTOR FOR REGULATORY AFFAIRS**

■ **Phil Spiller (Acting)**



CFSAN ORGANIZATION

Reporting to the Deputy Director for Operations:

■ **OFFICE OF FOOD SAFETY (OFS)**

■ **Nega Beru, Ph.D.**

5100 Paint Branch
College Park, MD 20740
Mail Code: HFS-300

Main Telephone: (240) 402-1700

Fax: (301) 436-2599



OFS ORGANIZATION CHART

■ **DIRECTOR**

■ **Nega Beru, Ph.D.**

■ **DEPUTY DIRECTOR**

■ **William R. Jones, Ph.D (Acting)**

■ **DIVISION OF PLANT & DAIRY FOOD SAFETY**

■ **John F. Sheehan, J.D.**

■ **DAIRY AND EGG BRANCH**

■ **Monica Metz - Branch Chief**

- Combines Grade "A" and Non-Grade "A" Dairy Programs
- Includes all Regulatory Programs for Foods Derived from Animals



DAIRY AND EGG BRANCH (DEB)

- Food Scientists
- Microbiologists
- Regulation Writers
- Cheese Processing Expert
- Compliance Experts
- Filth Experts
- Chemists
- Egg Specialists
- Senior Milk Specialists



DAIRY AND EGG BRANCH
(DEB)

**GRADE 'A' MILK SAFETY
PROGRAM**

- BOB HENNES-Team Leader
- STEVE SIMS
- DENNIS GAALSWYK



DAIRY AND EGG BRANCH
(DEB)

NEW TELEPHONE NUMBERS:

BOB HENNES: (240) 402-2175

STEVE SIMS: (240) 402-2153

DENNIS GAALSWYK:
(240) 402-2006



DAIRY AND EGG BRANCH
(DEB)

**POSSIBILITY OF TWO (2)
VACANCY ANNOUNCEMENTS
FOR TWO (2) NEW
POSITIONS
WITHIN THE MILK
SAFETY TEAM**



FDA FIELD PERSONNEL
CHANGES

**NEW REGIONAL MILK
SPECIALISTS:**

JOIE NAVARRETE-INDIANAPOLIS, IN
DAVID PEARCE-HARRISBURG, PA
FRANK HARRIS-DALLAS, TX

CURRENT VACANT POSITION IN THE
PHILADELPHIA AREA
(LLOYD KINZEL RETIRED)
HAS BEEN ANNOUNCED



FDA PERSONNEL
CHANGES

JOE SCHLESSER RETIRED 3/31/2012



CURRENT
PROJECTS



Canadian Equivalence Determination

PART I: DONE TO SATISFY A TRADE DISPUTE

- Equivalency determination between an aseptic plant in Quebec and one in Puerto Rico has been completed
- Aseptic milk can be shipped from Quebec to Puerto Rico (the Canadian aseptic plant is no longer shipping to Puerto Rico)



Canadian Equivalence Determination

PART II: (NATION-TO-NATION)

- Review of **PLANTS** nearly finalized.
- Reviewing Canada's response to questions raised from the initial U.S. on-sites.
- Additional on-sites visits were conducted in Quebec and Ontario (10/2010).



Canadian Equivalence Determination

PART II (NATION-TO-NATION)

- Review of **LABORATORY** evaluation systems nearly complete.
- U.S. has determined that the Canadian Food Safety Inspection Service's Laboratory Program is equivalent.
- On-site evaluation of Grade "A" Milk Safety Program's Laboratory Program:
 - On-site completed (week of 7/25/2011 in Oregon) and awaiting formal written review.



Canadian Equivalence Determination

PART II: (NATION-TO-NATION)

- Farms, Animal Health, Animal Drug Residue Issues and Bulk Milk Tanker/Sampler programs currently under review
- **FARMS**
 - U.S. to visit 22 farms in Alberta in 11/2011 (This was postponed because of budgetary issues and has not been rescheduled.)



Canadian Equivalence Determination

PART II: (NATION-TO-NATION)

- **FACE-TO-FACE MEETINGS**
 - March 2011-College Park
 - June 2011-Ottawa
 - Monthly Meetings beginning in August 2011 for Technical Staff
- (Additional meetings were scheduled in 10/11 and 12/11 which were postponed because of budgetary issues and none have been rescheduled since.)



Canadian Equivalence Determination

PART II: (NATION-TO-NATION)

- **NO REAL ACTIVITY SINCE 8/2011**



New Zealand Equivalence Determination

ON-SITE VISIT:

November 8-19, 2010

4 Teams

- Bob Hennes/Cynthia Leonard
- Dennis Gaalswyk/Les Boian
- Randy Elsberry
- Thomas Graham



New Zealand Equivalence Determination

ON-SITE VISIT:

November 8-19, 2010

Visited

- 12 Plants
- 22 Farms
- 4 Laboratories (1 did not do micro testing)



New Zealand Equivalence Determination

ON-SITE VISIT:

Plant Visits

Main emphasis was to accompany a Recognized Verifier from a Recognized Agency while they were conducting an audit of the plant's Risk Management Program's CCP-Pasteurization.



New Zealand Equivalence Determination

ON-SITE VISIT:

Plant Visits

All plants produced dry milk and milk products and dry dairy components/ingredients for export.



New Zealand Equivalence Determination

ON-SITE VISIT:

Farm Visits

Main emphasis was to accompany An Assessor from a Recognized Agency while they were conducting their annual audit of the farm's Risk Management Program.



New Zealand Equivalence Determination

ON-SITE VISIT:

Laboratory Visits

Main emphasis was to evaluate their required testing program and the Agency's oversight of the regulatory laboratories.



New Zealand Equivalence Determination

ON-SITE VISIT REPORT WRITING IS VERY SLOWLY CONTINUING.

POSSIBLE ADDITIONAL VISIT DURING EARLY 2013

MAIN EMPHASIS TO LOOK MORE CLOSELY AT THE RECOGNIZED AGENCIES AND THEIR RECORDS AND ENFORCEMENT PRACTICES.



EU Equivalence Determination

- Placed on hold after our recommendation that it would be more feasible to conduct equivalency determinations for individual EU member states.
- EU has recently come back and requested FDA to begin this EU equivalency determination again.



EU Equivalence Determination

- Individual member state equivalency determination issue still has not been addressed by the EU.
- The EC still has not identified a technical team to work with the U.S. technical team.
- FDA has informed the EU that we do not have the FTEs to conduct this equivalency determination at this time and will not be able to do this until either Canada or New Zealand has been resolved.



Drug Residue Risk Assessment

- Drug Residues in Milk Assessment (Proposal 243 from the 2005 NCIMS)
 - NCIMS Drug Residue Committee requested an FDA Risk Analysis
 - 25 member team with CFSAN and CVM representatives
 - Drug Risk Assessment Model consists of four modules (On-farm, Processing, Consumer Exposure, and Hazard Characterization)



Drug Residue Risk Assessment

- Risk Assessment will evaluate:
 - Likelihood and magnitude of drug use in cattle and drug presence in raw milk
 - Likelihood and magnitude of drug survival in milk and milk products after processing
 - Magnitude of human exposure to a drug via consumption of milk and milk products
 - Consequence of human exposure (acute or chronic)
- Final Result – A risk estimation score for a drug based on likelihood and severity of potential health effects.



FIELD SAMPLING ASSIGNMENT

- 320 SAMPLES OF RAW MILK COLLECTED FROM FARM BULK MILK TANKS/SILOS FOR THE ANALYSES OF CHEMICAL CONTAMINANTS.
- THESE SAMPLES WILL BE COLLECTED BY PERMITTED INDUSTRY SAMPLERS OVER A TWELVE (12) MONTH PERIOD.



FIELD SAMPLING ASSIGNMENT

- ONLY ONE (1) SAMPLE IS TO BE COLLECTED PER DAIRY FARM.
- ALL SAMPLES COLLECTED FOR THIS ASSIGNMENT ARE INVESTIGATIONAL SAMPLES (INV).
- SAMPLES WILL BE TESTED UTILIZING THREE (3) SEPARATE FDA LABORATORIES (MYCOTOXIN, CHEMICALS AND METALS).



FIELD SAMPLING ASSIGNMENT

- WILL NOT PUBLISH DATA IN ANY FASHION
- RESULTS OBTAINED WILL BE USED TO ADDRESS OBSERVATIONS FROM THE 2010 EU AUDIT OF THE ENTIRE U.S. DAIRY PROGRAM (FDA, STATE AND USDA).



EU DAIRY PROGRAM AUDIT

JUNE 2012



EU DAIRY PROGRAM AUDIT

- VISITED A PLANT, DAIRY FARM AND LABORATORY IN WI.
- VISITED TWO (2) PLANTS AND A DAIRY FARM IN CA.



EU DAIRY PROGRAM AUDIT

PRELIMINARY RESULTS EXPRESSED AT THE EXIT INTERVIEW WITH FDA AND USDA WERE VERY POSITIVE.



National Milk Drug Residue Data Base

- Milk samples with animal drug residues slightly lower in FY 2011
 - 0.028% or 1,079 of the 3,787,251 milk samples analyzed tested positive for a drug residue. (0.032% in FY 2010)
 - A total of 3,796,684 tests were reported on the samples for 8 different families of individual drugs.
 - 26 testing methods were used to analyze the samples for residues.



National Milk Drug Residue Data Base

- All 50 States plus Puerto Rico submitted data.
- 2nd consecutive year in which all providers submitted data.
- Report was conducted for FDA through a 3rd party contract and published in the National Milk Drug Residue Data Base (NMDRD)

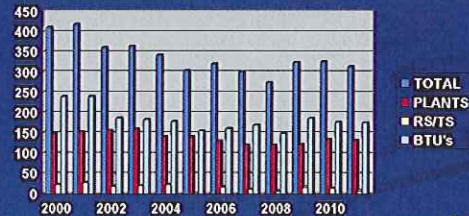
Drug Residue Positive Tests Published in NMDRD

<u>Fiscal Year</u>	<u>Percent Positive</u>
1995	0.144
2006	0.054
2007	0.042
2008	0.040
2009	0.035
2010	0.032
2011	0.028

Current Information from the Dairy and Egg Branch (DEB)

CHECK RATINGS PLANTS, RS/TS AND BTU's 2000-2011

- Average FY Total Number = 338

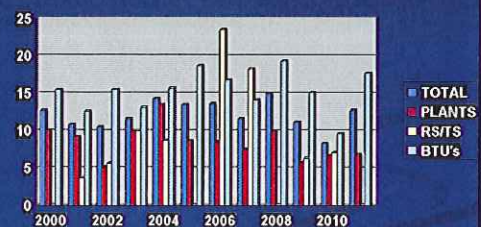


Grade "A" CHECK RATINGS FY'11

<u>REGION</u>	<u>BTU's</u>	<u>PLANTS</u>	<u>RS/TS</u>	<u>TOTAL</u>	<u>Single Service</u>
NE	25	17	1	43	7
CEN	53	37	1	91	14
SE	25	16	0	41	17
SW	42	20	5	67	10
PAC	30	42	0	72	11
TOTALS	175	132	7	314	59

TOTAL ADVERSE ACTION RATES (%) -CHECK RATINGS 2000-2011

AVERAGE OF TOTAL FOR THIS TIME PERIOD - 12.1%



TOTAL ADVERSE ACTION RATES (%) -CHECK RATINGS

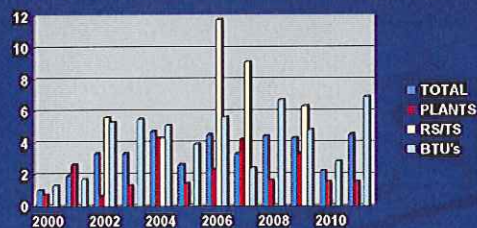
FY	PLANTS	RS/TS	BTU's	ALL
2011	6.8%	0.0%	17.7%	12.7%
2010	6.7%	7.1%	9.6%	8.3%
2009	5.7%	6.3%	15.1%	11.1%
2008	8.3%	0.0%	16.8%	12.7%
2007	7.5%	18.2%	14.1%	11.6%
2006	8.5%	23.5%	16.8%	13.6%
2005	8.6%	0.0%	18.7%	13.5%
2004	13.5%	8.7%	15.7%	14.3%
2003	10.0%	10.0%	13.1%	11.6%
2002	5.1%	5.6%	15.5%	10.5%
2001	9.2%	3.7%	12.6%	10.8%

AVERAGE ADVERSE ACTION RATES (%) -CHECK RATINGS (2000-2011)

PLANTS	8.3%
RS/TS	6.9%
BTU's	15.1%
OVERALL	12.1%

WITHDRAWAL RATES (%) CHECK RATINGS 2000-2011

■ AVERAGE OF TOTAL DURING THIS TIME PERIOD - 3.2%



TOTAL WITHDRAWAL RATES (%) -CHECK RATINGS

FY	PLANTS	RS/TS	BTU's	ALL
2011	1.5%	0.0%	6.9%	4.5%
2010	1.5%	0.0%	2.8%	2.2%
2009	3.3%	6.3%	4.8%	4.3%
2008	1.6%	0.0%	6.7%	4.4%
2007	4.2%	9.1%	2.4%	3.3%
2006	2.3%	11.8%	5.6%	4.5%
2005	1.4%	0.0%	3.9%	2.6%
2004	4.3%	4.3%	5.1%	4.7%
2003	1.3%	0.0%	5.5%	3.3%
2002	0.6%	5.6%	5.3%	3.3%

AVERAGE WITHDRAWAL RATES (%) -CHECK RATINGS (2000-2011)

PLANTS	2.1%
REC/TR	3.1%
BTU's	4.3%
OVERALL	3.2%

RECENTLY ISSUED CODED MEMORANDA:

IMS-a-45 (Supplement 2)

Issued 6/7/2011

Implementation Date: 6/15/2011

ACTIONS FROM THE 2005 NCIMS
CONFERENCE RELATED TO PROPOSAL
126 and PROPOSAL 117 FROM THE 2011
NCIMS CONFERENCE

**RECENTLY ISSUED CODED
MEMORANDA:**

IMS-a-45 (Supplement 2)

COLD FILLED COTTAGE CHEESE

c. Cultured cottage cheese at all milkfat levels with a pH of 5.2 or below* and:

(3) The addition of potassium sorbate at a minimum concentration of 0.06% and filled at 13°C (55°F) or less*; cooled to 10°C (50°F) or less within twenty-four (24) hours of filling**; and cooled to 7°C (45°F) or less within seventy-two (72) hours of filling**; or



**RECENTLY ISSUED CODED
MEMORANDA:**

IMS-a-45 (Supplement 2)

COLD FILLED COTTAGE CHEESE

(4) The addition of one (1) of the specified microbial inhibitors and/or preservatives, at the specified concentration as addressed in M-a-97; filled at 13°C (55°F) or less*; cooled to 10°C (50°F) or less with twenty-four (24) hours of filling**; and cooled to 7°C (45°F) or less within seventy-two (72) hours of filling**.



**RECENTLY ISSUED CODED
MEMORANDA:**

IMS-a-45 (Supplement 2)

COLD FILLED COTTAGE CHEESE

*Critical factors including, but not limited to, pH, filling temperature, cooling times and temperatures, and potassium sorbate concentration or specified microbial inhibitors and/or preservatives, at the specified concentration as addressed in M-a-97, if applicable, shall be monitored and documented by the processing facility for verification by the Regulatory Agency. pH limit with a pH variance of + 0.05 units to account for reproducibility and inaccuracies in pH measurements. Formulation or processing changes that affect critical factors shall be communicated to the Regulatory Agency.



**RECENTLY ISSUED CODED
MEMORANDA:**

IMS-a-45 (Supplement 2)

COLD FILLED COTTAGE CHEESE

NOTE: Microbial inhibitors and/or preservatives and all of their individual components shall have GRAS status; and pathogen inhibition shall be supported by documented challenge study results that are acceptable to the Regulatory Agency and FDA.



**RECENTLY ISSUED CODED
MEMORANDA:**

IMS-a-45 (Supplement 2)

COLD FILLED COTTAGE CHEESE

** Cooling temperatures monitored at the slowest cooling portion, i.e., in the middle of the container, of the slowest cooling container, i.e., in the middle of the pallet.



**RECENTLY ISSUED CODED
MEMORANDA:**

M-a-97

- ISSUED 6/7/2011
Implementation Date: 6/15/2011
- **SPECIFIED MICROBIAL INHIBITORS AND/OR PRESERVATIVES ACCEPTED BY FDA FOR USE IN THE PRODUCTION OF COLD FILLED COTTAGE CHEESE**



**RECENTLY ISSUED CODED
MEMORANDA:**

M-a-97

PRODUCT BRAND NAME	FOOD INGREDIENTS	SPECIFIED CONCENTRATION	MANUFACTURER
Sea-i®	Glucose (common name is corn sugar, also call D-glucose), Glucose Oxidase, Whey (Lactoperoxidase, Lactose, and Casein)	0.03% Bioactive Protein I Or 0.04% Bioactive Protein I	Bienca Products

**RECENTLY ISSUED CODED
MEMORANDA:**

M-a-97

PRODUCT BRAND NAME	FOOD INGREDIENTS	SPECIFIED CONCENTRATION	MANUFACTURER
MicroGARD 430	Cultured Skim Milk Blend, NFD Mand Maltodextrin	0.15% Fermentate D	Danisco

**RECENTLY ISSUED CODED
MEMORANDA:**

M-a-97

PRODUCT BRAND NAME	FOOD INGREDIENTS	SPECIFIED CONCENTRATION	MANUFACTURER
DURAFresh™ 5015 And DURAFresh™ 5015 + Fargo 763	Cultured Skim Milk and Skim Milk Powder Cultured Skim Milk and Skim Milk Powder and Lactic Acid Starter Culture or Starter Culture	0.1% Fermentate E 0.1% Fermentate E + 0.1% Culture	Kerry Ingredients & Flavours

**RECENTLY ISSUED CODED
MEMORANDA:**

M-a-97

PRODUCT BRAND NAME	FOOD INGREDIENTS	SPECIFIED CONCENTRATION	MANUFACTURER
Pura Q™ Safe-RS20P	Cultured Whey and Calcium Lactate	0.15% To 0.5% Fermentate	Purac

**RECENTLY ISSUED CODED
MEMORANDA:**

IMS-a-48

Issued 11/7/2011

Implementation Date: 11/7/2012

*States that can legal enforce the new regulations
based on the issuance of*

IMS-a-48

**ACTIONS FROM THE 2011 NCIMS
CONFERENCE**

**RECENTLY ISSUED CODED
MEMORANDA:**

M-b-347 (Supplement 1)

ISSUED 9/21/2011 (AMDERC)

**SUDMO BAA S400FDV-IT SELECT
FLOW DIVERSION VALVE,
SIZES DN 1", 1.5", 2.0", 2.5", 3.0",
AND 4"**

RECENTLY ISSUED CODED MEMORANDA:

- M-I-11-4 (TEAT PREPARATION PROTOCOL GEA FARMS TECHNOLOGIES, INCORPORATED Mione USA ROBOTIC MILKING SYSTEM) - 9/21/2011
- M-I-11-5 (2011 REVISION OF THE PROCEDURES) - 10/28/2011
- M-I-11-6 (2011 REVISION OF THE METHODS) - 11/30/2011



RECENTLY ISSUED CODED MEMORANDA:

- M-I-11-7 (2011 REVISION OF THE PROCEDURES ON FDA's WEB SITE) - 12/20/2011
- M-I-12-1 (2011 REVISIONS OF THE INDEXES OF CODED MEMORANDA) - 1/4/2012
- M-I-12-2 (2011 REVISION OF THE PMO) - 1/19/2012



RECENTLY ISSUED CODED MEMORANDA:

- M-I-12-3 (CHARM SCIENCES, INC. CHARM FLUNIXIN AND BETA-LACTAM TEST) - 2/3/2012
- M-I-12-4 (APPLICATION AND STANDARD OPERATING PROCEDURES (SOP) FOR THE INSTALLATION AND USE OF AN ACCEPTABLE ASEPTIC SAMPLER FOR THE COLLECTION OF "UNIVERSAL" DAIRY FARM MILK SAMPLES FROM FARM BULK MILK TANKS AND/OR SILOS FOR ACCEPTANCE UNDER SECTION 6 OF THE PMO) - 2/7/2012
- M-I-12-5 (2011 REVISION OF THE EML) - 2/16/2012



RECENTLY ISSUED CODED MEMORANDA:

- M-I-12-6 (2011 REVISION OF THE PMO ON FDA's WEB SITE) - 3/21/2012
- M-I-12-7 (2011 REVISION OF THE METHODS ON FDA's WEB SITE) - 3/21/2012
- M-I-12-8 (2011 REVISION OF THE EML ON FDA's WEB SITE) - 3/21/2012



RECENTLY ISSUED CODED MEMORANDA:

- M-I-12-9 (QUESTIONS AND ANSWERS RECEIVED FROM THE FIELD; REGIONAL MILK SEMINARS; AND FDA TRAINING COURSES HELD DURING FYs 2010 AND 2011) - 3/21/2012
- M-I-12-10 (TEAT PREPARATION PROTOCOL INSENTEC B.V. GALAXY ASTREA 20.20 USA AUTOMATIC MILKING SYSTEM) - 9/21/2011



RECENTLY ISSUED CODED MEMORANDA:

- M-I-96-10 (REVISION #8) (DRUG RESIDUE TEST METHODS FOR CONFIRMATION OF PRESUMPTIVE POSITIVE RESULTS AND INITIAL PRODUCER TRACE BACK) - 3/22/2012
- M-a-85 (REVISION #14) (BETA LACTAM TEST METHODS FOR USE UNDER APPENDIX N AND SECTION 6 OF THE PMO) - 3/22/2012



CODED MEMORANDA
WORKING ON:

M-a-98 (??) (OFFICIAL REGULATORY TESTS FOR GRADE "A" MILK AND MILK PRODUCTS)-Following recommendations from the NCIMS Laboratory Committee.



CODED MEMORANDA
WORKING ON:

M-I-12-2 (INDUSTRY AND REGULATORY AGENCY OBLIGATIONS UNDER THE PMO RELATED TO THE SCREENING OF BULK MILK PICKUP TANKERS FOR DRUG RESIDUES THAT ARE CONDUCTED IN ADDITION TO THE REQUIRED BETA LACTAM TESTING)

M-I-12-2 (QUESTIONS AND ANSWERS RECEIVED FROM THE FIELD; REGIONAL MILK SEMINARS; AND FDA TRAINING COURSES HELD DURING FY 2012)



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

■ **IMS LIST**

SEPARATE SECTION FOR IMS LISTED SHIPPERS FROM FOREIGN COUNTRIES

6-CANADA

- 4 PLANTS (3 -ONTARIO AND 1-BRITISH COLUMBIA)
- 2 BTUs (1-ONTARIO AND 1-BRITISH COLUMBIA)

1 ADDITIONAL PLANT REGULATED BY THE STATE OF VERMONT



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

■ **IMS LIST**

2-SPAIN

- 1 PLANT AND 1 BTU

3-MEXICO

- 2 PLANTS (same plant-aseptic and PMO listings) AND 1 BTU



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

■ **IMS LIST**

2-GREECE

- 1 PLANT AND 1 BTU

1 ADDITIONAL PLANT AND BTU REGULATED BY THE STATE OF NEW YORK

2-ROMANIA

- 1 PLANT AND 1 BTU



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

■ **IMS LIST**

2-GERMANY

- 1 PLANT AND 1 BTU



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

CHECK RATINGS CONDUCTED

1 PLANT AND BTU IN CANADA
(ONTARIO)
1 PLANT AND BTU IN SPAIN
1 PLANT AND BTU IN MEXICO
1 PLANT AND BTU IN GREECE



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

CHECK RATINGS PLANNED OVER THE
NEXT FISCAL YEARS

FY 12:
3 PLANTS AND 2 BTUs IN CANADA
(ONTARIO AND BRITISH
COLUMBIA)
1 PLANT AND BTU IN SPAIN



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

CHECK RATINGS PLANNED OVER THE
NEXT FISCAL YEARS

FY 13:
1 PLANT AND BTU IN ROMANIA
1 PLANT AND BTU IN GERMANY



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

THIRD PARTY CERTIFIERS (TPCs)

KEN ANDERSON (HAROLD WAINESS &
ASSOCIATES):

3 PLANTS AND 2 BTUs IN CANADA (1 OF
EACH-ONTARIO, ANOTHER PLANT ONLY
IN ONTARIO AND 1 OF EACH-BRITISH
COLUMBIA)

1 PLANT AND BTU IN SPAIN
1 PLANT AND BTU IN SPAIN



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

THIRD PARTY CERTIFIERS (TPCs)

LYNN YOUNG (MILK REGULATORY
CONSULTANTS):

1 PLANT IN CANADA (ONTARIO)
1 PLANT AND BTU IN GREECE
1 PLANT (2 LISTINGS) AND BTU IN
MEXICO
1 PLANT AND BTU IN ROMANIA



INTERNATIONAL
CERTIFICATION PILOT
PROGRAM

THIRD PARTY CERTIFIERS (TPCs)

JOE SMUCKER (SMUCKER &
ASSOCIATES):

NO LONGER A PART OF THE
PILOT PROGRAM



2013 NCIMS CONFERENCE



**INDIANAPOLIS MARRIOTT
DOWNTOWN**

INDIANAPOLIS, IN

April 17-25, 2013



2012 FDA COURSES

***SPECIAL PROBLEMS IN MILK
PROTECTION-PRATTVILLE,
ALABAMA - 8/13-17/2012***



FY 2013 and 2014 FDA COURSES

FY 2013

***SPECIAL PROBLEMS IN MILK
PROTECTION- PACIFIC (6/3-7/2013-CA)
AND SOUTHWEST REGIONS***

FY 2014

***SPECIAL PROBLEMS IN MILK
PROTECTION- CENTRAL REGION
(EAST AND WEST LOCATIONS)***



SUCCESSFUL PARTNERSHIP

■ We have come a long way together since:

- The first PMO issued by the Public Health Service (November 1924)
- The first National Conference on Interstate Milk Shipments (June 1950)
- Formalization of the Memorandum of Understanding (August 1977)





FUTURE DIRECTIONS

- A positive spirit continues to grow between the FDA and the NCIMS.
- FDA is committed to this cooperative spirit.
- FDA continues to seek science-based regulatory solutions towards protecting the nation's food supply.




Questions



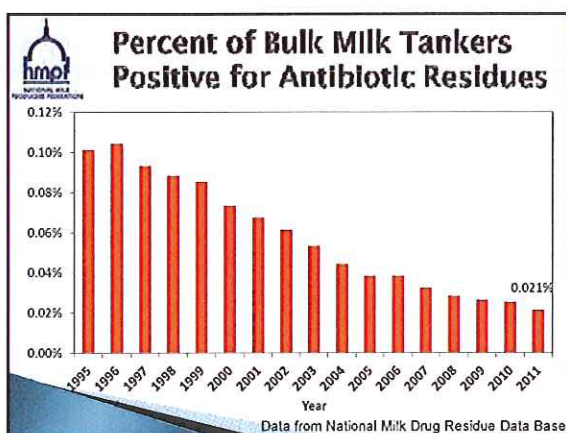




Grass to Glass: NMPF Updates

Jamie Jonker




Drug Residues: Milk and Cull Dairy Cows

TISSUE RESIDUES in Dairy Cull Cows (FDA Data, 2007-2011)

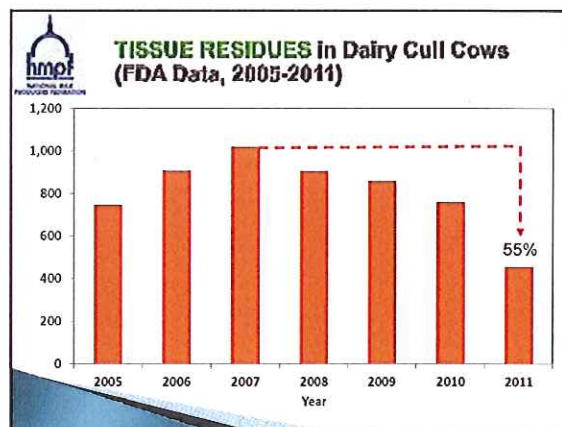
DRUG	2007	2008	2009	2010	2011	Total	Percent
Amikacin	0	1	0	0	0	1	0.03%
Ampicillin	13	8	14	10	9	54	1.36%
Ceftiofur	*	71	116	70	44	301	7.55%
Dihydrostreptomycin	8	3	1	1	6	19	0.48%
Fenbendazole	0	0	1	0	0	1	0.03%
Florfenicol	0	0	0	1	0	1	0.03%
Flunixin	262	233	182	167	69	913	22.91%
Furazolidone	0	0	1	0	0	1	0.03%
Gentamicin	58	50	66	55	28	257	6.45%
Lincomycin	1	0	0	0	0	1	0.03%
Neomycin	23	21	15	19	13	91	2.28%
Oxytetracycline	21	32	9	21	9	92	2.31%
Paromomycin	0	0	0	0	1	1	0.03%



TISSUE RESIDUES in Dairy Cull Cows (FDA Data, 2007-2011)

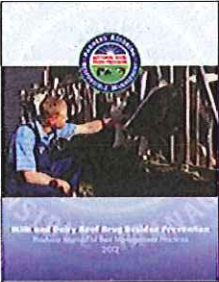
DRUG	2007	2008	2009	2010	2011	Total	Percent
Penicillin	413	304	267	210	180	1374	34.48%
Phenylbutazone	4	3	2	0	0	9	0.23%
Sulfadiazine	0	0	0	1	0	1	0.03%
Sulfadimethoxine	159	135	114	124	54	586	14.71%
Sulfadoxene	0	0	0	0	3	3	0.08%
Sulfamethazine	33	22	37	28	18	138	3.46%
Sulfathiazole	0	0	0	1	0	1	0.03%
Tetracycline	7	15	6	15	4	47	1.18%
Tilmicosin	14	4	22	33	14	87	2.18%
Tulathromycin	0	0	2	0	0	2	0.05%
Tylosin	1	1	0	1	1	4	0.10%
Total	1017	903	855	757	453	3985	100.00%

* Prior to July 26, 2008, USDA could not quantify Ceftiofur.



MILK AND DAIRY BEEF Drug Residue Prevention

- ✓ Revised educational manual available online
- ✓ Developed by NMPF technical writing group
- ✓ Covers best management practices for use of animal drugs
- ✓ Not produced with check-off funds

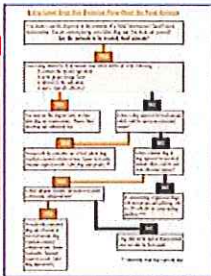


EXTRA-LABEL Use

Antibiotics not allowed by law:

Chloramphenicol	Clenbuterol
Diethylstilbestrol	Dimetridazole
Iprnidazole	Furazolidone
Nitrofurazone	Other Nitroimidazoles
Sulfonamide drugs*	Phenylbutazone **
Fluoroquinolones	Glycopeptides


*except approved use of sulfadimethoxine, sulfabromothiazine, and sulfathiazopyridazine
**in female dairy cattle 20 months of age or older



Milk Residue Sampling


CVM Residue Testing Project

- ▶ Hypothesis: The same practices associated with tissue residues in culled dairy cattle may also result in drug residues in milk.
- ▶ With industry cooperation, 1800 samples are being collected at central milk laboratories.




CVM Residue Testing Project

- ▶ Continual NMPF monitoring and feedback
 - Identified inconsistencies with sample collection protocol
 - CVM has clarified instructions with FDA field personnel
- ▶ End 2012: Complete sample analysis and begin discussions of results
 - Remaining concerns: data presentation and communications




Additional Sampling Project

- ▶ 2010 Audit by the EU identified recommendations for additional residue monitoring
 - Included monitoring for non-beta-lactam drugs and chemical contaminants (environmental pollutants, pesticides, mycotoxins, heavy metals, etc.)
- ▶ No immediate impact on trade



Additional Sampling Project

- ▶ FDA plans to address residue monitoring both short- and long-term
 - Short-term sampling project
 - Samples from 320 random producers
 - Collected at the farm-level and blinded
 - Non-regulatory survey
 - Data will inform a risk profile for long-term




BSE and Animal ID



4th U.S. BSE Confirmed


- ▶ April 24th – USDA confirms 4th U.S. BSE case
 - 10yr 7mo old dairy cow with "atypical" BSE
 - At rendering plant in CA, did not enter food supply
 - Offspring tested free of BSE
- ▶ Trade Implications
 - No change in BSE status for U.S. from World Animal Health organization (OIE)
 - Minimal trade disruption (business-to-business only)

Veterinary Services
APHIS • USDA



"Atypical" vs. "Classical" BSE

- ▶ "Atypical" BSE
 - Three U.S. Cases – two beef and one dairy cull cow
 - Hypothesized to occur spontaneously, not spread through feed
 - Much rarer than "Classical" BSE – about 60 cases reported worldwide
- ▶ "Classical" BSE
 - One U.S. Case – dairy cow imported from Canada
 - Amplified through feeding practices that are now banned
 - Over 190,000 cases reported worldwide




Animal ID


- ▶ USDA Proposal – August 2011
 - NAIS becomes Animal Disease Traceability
 - Some separation of requirements between beef and dairy
- ▶ What This Means For dairy
 - USDA Approved ID device to be required for all dairy animals in interstate movements; RFID is one option
 - Health Certificate (ICVI) must include official ID#
- ▶ When? "Soon" according to USDA

DAIRY
2013 U.S. Dairy Farm Income Report

UNITED TOGETHER
MOVING FORWARD



EPA Air Emissions Analysis – NAEMS Update



Air Regulations


Chemical Compound / PM	Statute	Threshold	Regulatory Requirement
Ammonia	CERCLA/EPCRA	100 lb per day	Reporting
Hydrogen sulfide	CERCLA/EPCRA	100 lb per day	Reporting
Volatile Organic Compounds*	Clean Air Act	250 ton per year	Permitting (mitigation)
PM10*	Clean Air Act	150 µg/m ³ per 24 hr	Permitting (mitigation)
PM2.5*	Clean Air Act	35 µg/m ³ per 24 hr	Permitting (mitigation)
PM2.5*	Clean Air Act	15 µg/m ³ per year	Permitting (mitigation)

*Threshold may be reduced in areas designated as "non-attainment" for air quality.




2005 Air Consent Agreement

- ▶ Negotiated between livestock sectors and EPA
 - Industry funded research (NAEMS)
 - "Safe Harbor": Protection from Federal lawsuits and regulatory action during lifetime of agreement
- ▶ 572 dairy producers participated
 - Still receiving benefits of "Safe Harbor"
 - Will be subject to regulations upon completed EPA analysis





NAEMS Research Timeline

- ▶ 2004/2005 – Measurement protocol development approved by EPA
- ▶ 2006 – Site selection; Data Quality Assurance Plan approved by EPA
- ▶ 2007 – Monitoring equipment site set-up
- ▶ 2008/2009 – Data collection, analysis and reporting
- ▶ 2010 – Data and final reports submitted to EPA



NAEMS Updated Timeline



- ▶ EPA Scientific Advisory Board (SAB) Review Panel
 - Summer 2012 – final report on Lagoon document
 - Fall 2012 – SAB reviews final report & sends to EPA Administrator
 - Winter 2012/13 – review of additional Barn documents?
- ▶ Public Review and Comment
 - June 11, 2012 – NMPF comments on Lagoon document
 - Sometime 2012/13 – additional comment on Barn document
- ▶ Winter 2012/13 – EPA publishes "look up charts"
 - *Can EPA adhere to this timeline?*

SAB Review Panel Criticisms

Public Meeting Held March 14–16, 2012

- ▶ Not following National Academy of Sciences recommendations (i.e. process-based model)
- ▶ Combining swine and dairy lagoon data not appropriate
- ▶ Exclusion of some NAEMS data without apparent statistical basis
- ▶ Exclusion of data from other sources

FARM Animal Care Program



FARM Update

Participation

- › 5586 number of farms in the database (as of 5/29)
- › 35 cooperatives and processors

Training

- › 451 evaluators
- › Almost 100 trainers
- › Train-the-trainer workshop held in April at ISU



PARTICIPATING Cooperatives and Proprietary Processors

- › Agri-Mark, Inc.
- › Arkansas Dairy Coop
- › Associated Milk Prod., Inc.
- › California Dairies Inc.
- › Calhoun Creamery
- › Clarco Farmers Cooperative
- › Cooperative Milk Producers Assn
- › Dassel Coop. Dairy Assn.
- › Elmdale Creamery
- › Ellsworth Cooperative Creamery
- › Family Dairies Cooperative
- › Farmer's Co-op Creamery Co. (MN)
- › First District Association
- › Foremost Farms USA
- › Gilman Cooperative Creamery
- › Hilmar Cheese Co.
- › HP Hood Booth Bros.
- › Hoard's Dairyman Farm
- › Lanco-Pennland



PARTICIPATING Cooperatives and Proprietary Processors

- › Land O'Lakes, Inc.
- › Lone Star Milk Prod.
- › Maryland & Virginia Milk Producers Coop.
- › Michigan Milk Producers Association
- › National Farmers Organization
- › Nelson Creamery Association
- › Osakis Creamery Association
- › Plainview Milk Products Coop.
- › Prairie Farms
- › Premier Milk, Inc.
- › Pro-Ag Farmers Cooperative
- › Springfield Creamery
- › St. Albans Cooperative
- › Sunrise Creamery
- › Swiss Valley Farms Co.
- › Valley Creamery



FARM Third-Party Verification

Verification Process

- › September 2011 – Begun by Validus
- › December 2011 – 84 on-farm verifications completed
- › March 2012 – data reviewed by NMFP statistician
- › April 2012 – Final report complete

Will Conduct Again In Fall 2012



2011 Verification Results

Results at 95% Confidence

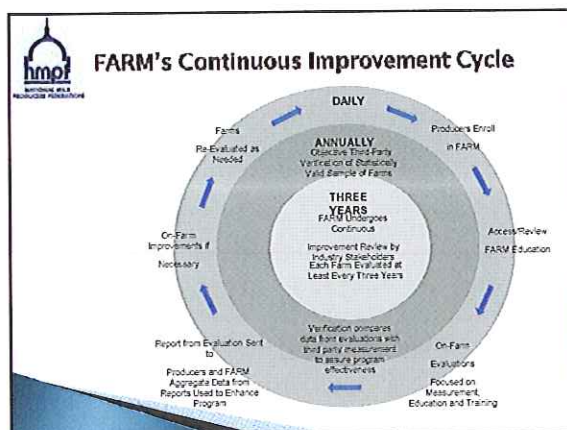
- › No differences detected due to:
 - herd size, second-party evaluator experience, and facility type*Confirmed statistical verification strategy is sound*
- › No difference between Second Party Evaluator findings and Third-Party Verifier observations
 Confirmed overall consistency of data collected during Second-Party evaluations



Additional Analyses

- › Question Cluster Analysis
 - Eight clusters of highly correlated questions
 - Potential to streamline questionnaire
- › Individual Question Analysis
 - Identify questions with largest deviation between Second-Party Evaluation and Third-Party verification
 - Improve question wording and/or evaluator training





FARM Revision Process

Timeline


- › Fall 2009 – original FARM guidelines published
- › May 2012 – Review of FARM guidelines
 - NMPF Animal Health & Wellbeing Committee
 - Outside animal care experts
- › Summer 2012 – Industry-wide review
- › Fall 2012 – FARM guidelines 2.0 published
- › 2013 – Implementation via Second-Party evaluations

Latest Research Incorporated In Version 2.0

Food Safety

Raw Milk

- › Foodborne illness outbreaks
 - Since 2010, 23 raw milk outbreaks and 300 illnesses
- › CDC: Raw milk is 150 times more likely to cause illness than pasteurized
- › Demand for raw milk continues (state/local efforts)



FSMA

- › FSMA Regulations
 - Everything is late
 - Its an election year!!

FDA FOOD SAFETY MODERNIZATION ACT

Focus on Preventive Controls for Facilities

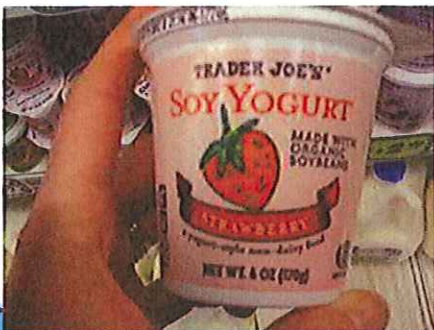
Product Integrity

Product Misbranding

› Muscle Milk warning letter




Product Misbranding



Real® Seal

› In March 2012, the management of the Real® Seal was transferred from the United Dairy Industry Association to NMPF.



2013 NCIMS Conference

Somatic Cells

› At the 2011 National Conference on Interstate Milk Shipments (NCIMS), a proposal to lower SCC regulatory limit to 400,000 was defeated by one vote

› European Health Certification Program instructions finalized

◦ Transition: January 1 – March 31, 2012

2012 Farm Bill

Role of Land Grant Institutions In Meeting Global Food Demand

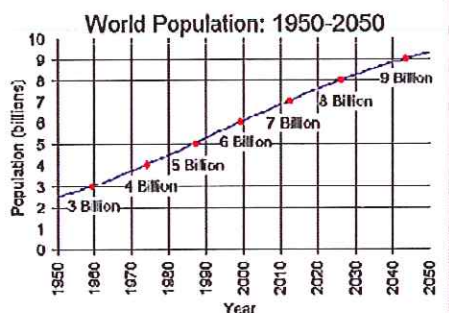
Dr. Bill Batchelor
Dean, College of Agriculture
Director, Alabama Agricultural Experiment Station
Auburn University



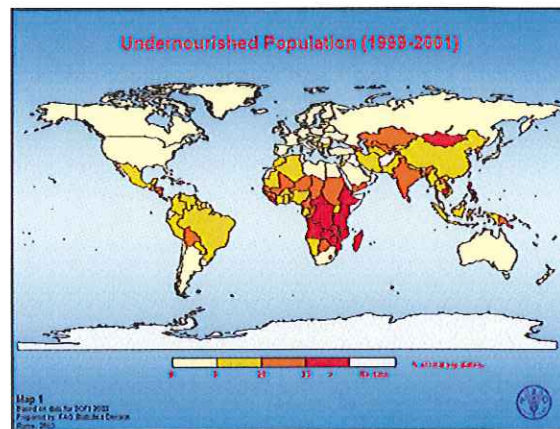
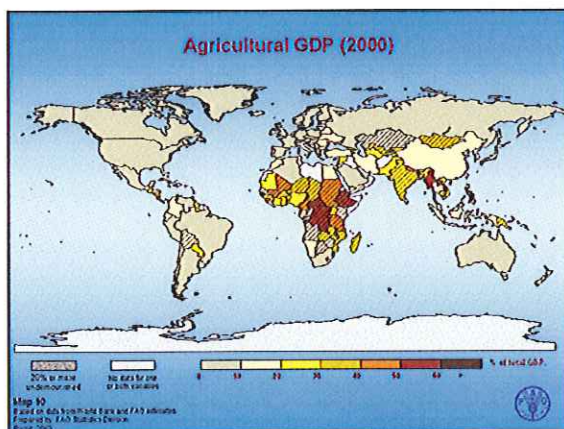
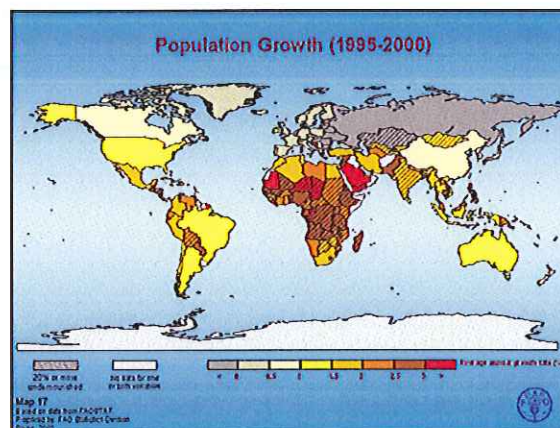
WORLD POPULATION
7,000,000,000



November 1, 2011



By 2050, 70% of world will live in cities



Global Statistics

- 40% of population work in agriculture
- 70% of poorest billion work in agriculture
- ½ of world lives on \$2.50 per day (1/2 are farmers)
- Food as percent of household budgets
 - 10-20% in developed countries
 - 20-40% in rapidly developing countries
 - Over 50% in developing countries

Challenges Facing the World

By 2050...

- Global middle class projected to grow from 1 billion to 3 billion
- 70% of population living in cities
- Global food demand will double

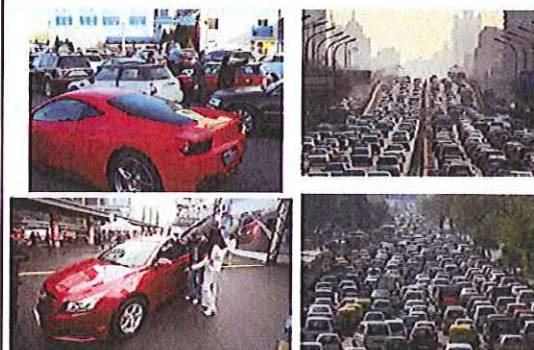


Free trade is the driver of global economics

Beijing China, 2001



Beijing China, 2011



Moving into the Middle Class

- Change diet
- Buy a car
- Lifestyle impacts the environment
- Demand better health care



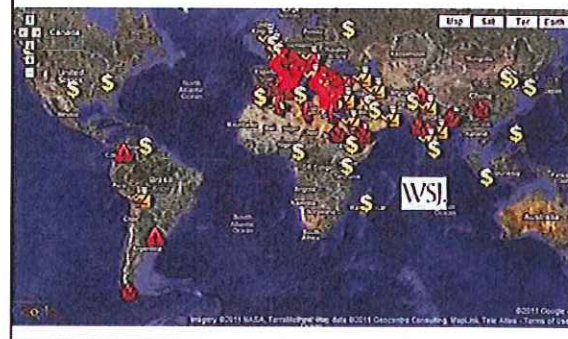
Middle Class Drives Food Demand

- From 2002-08, China added the consumer equivalent of Europe to global food demand
- China demand for meat tripled during past 15 years
- Food demand is rising 2% per year
- Food production is rising 1% per year

Increasing Middle Class Effect on Food Prices



High Food Prices Causes Conflict



Grand Challenges Facing the World

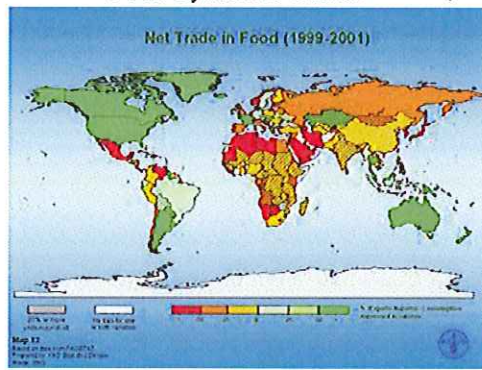


Agriculture is critical to the future!

Global Ag and Economic Players

- **5 countries account for**
 - 50% of world's GDP
 - 40% of world's agricultural GDP
 - 65% of world's agricultural population
 - 50% of world's food production (calories)
 - 50% of world's food consumption (calories)
 - 40% of world's agricultural exports
 - 40% of world agricultural imports
- **China, USA, India, Brazil, France, Germany** are among the key players.

Food System Is Global



Global Food System

- Free trade increases food exchange
- Developing retail chains **source** food around the world (Wal Mart, Carrefour, Tesco, Metro Group)
- Multi-national companies **produce** food around the world (Tyson, Nestle, JBS)
- Food Safety becoming increasingly important



How to Double Food Production?

- Breakthrough technology
- Incremental technology improvements
- Localized applied research
- Extension programs
- Policies to support food production
- Public research funding

That's the Land Grant Strategy!

History of Land Grants

- 1860 approximately 70% of US citizens lived and worked on farms in US
- 1862 Morrill Act established Land Grant Universities (30K acres per representative)
- By 1900, 28% lived and worked on farms
- Today, <1.5% live and work on farms

Commitment of All Branches of Science

- Basic science
- Applied science
- Classical genetics
- Biotechnology
- Other areas such as nanotechnology

29

Examples of Problems to Be Solved

- Enabling C_3 plants to utilize the C_4 photosynthetic pathway
- Nitrogen fixation in non-legumes
- Improving Drought and salt tolerance
- Improving pest resistance in plants
- Improving energy efficiency of plants

27

Research Strategies

Incremental changes in technology

- Genetic improvement
- Precision agriculture
- Irrigation management
- Production management
- Nutrient management
- Animal management
- Disease management
- Food safety (AUFISI)
- Aq. & Fish Business Institute



Research Strategies

Breakthrough Technology

- New system to triple catfish production
- Development of hybrid catfish
- Development of the US catfish industry
- Development of the tilapia industry
- Developed vaccines for poultry
- Development of fruit and vegetable varieties
- Renewable energy

Agricultural Research

In 2000, only \$23 Billion spent globally on agricultural research (\$1.5 trillion spent on armaments)

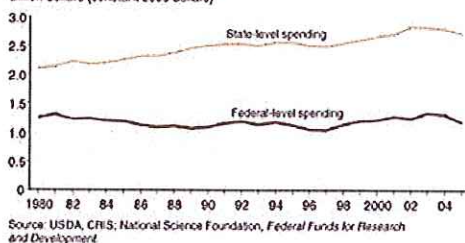
Real public and private agricultural R&D expenditures in the U.S. since 1970
Billion dollars (constant 2000 dollars)



Source: National Science Foundation, USDA, Current Research Information System (CRIS), ERS

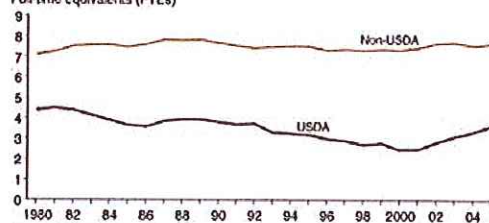
**\$8 Billion in US
40-50% ROI**

Figure 6
Public agricultural research spending, 1980-2005
Billion dollars (constant 2000 dollars)



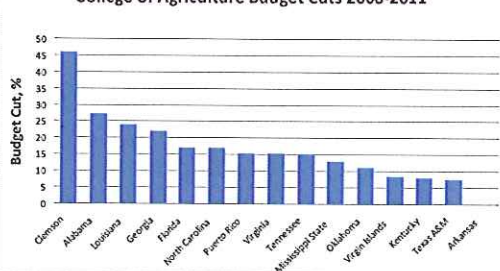
Source: USDA, CRIS; National Science Foundation, *Federal Funds for Research and Development*.

Figure 15
Research scientist years at USDA and State-level Institutions
Full-time equivalents (FTEs)



Source: USDA, CRIS.

College of Agriculture Budget Cuts 2008-2011



16.7% Average Reduction

What If We Fail?



- Since 2007, food riots in 40 countries

Federal Government:
\$714 per farmer for Ag research
\$325,000 per farmer for defense

Summary

- Middle class will triple by 2050
- Agricultural research funding is declining
- Must double food production in 38 years
- World must increase investment to increase rate of technology development



What if we fail?



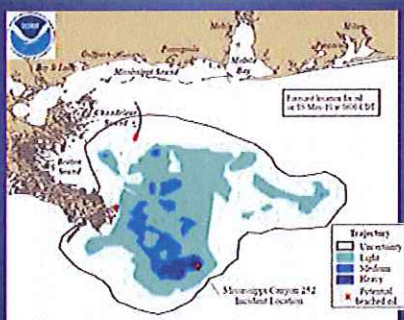


Gulf Oil Spill Response: Alabama Department of Public Health

Deep Water Horizon Oil Spill

- Explosion and well collapse on April 20, 2010
- 11 men killed, 17 injured
- Estimated release of 53,000 barrels of crude oil a day into the Gulf of Mexico
- Total of approximately 4.9 million barrels released
- Well capped on July 15, 2010
- Well declared "effectively dead" on September 19, 2010

Trajectory Forecast for 05/05/10



Near Shore Surface Oil Forecast for 07/05/10



Public Health Response

- ADPH activated its Incident Command Structure on April 30, 2010
- Beginning April 30, two to four ADPH staff daily in the Unified Command ESF-8 Health and Medical Desk and the Alabama Forward Operation Center in Mobile
- August 3, 2010, ADPH recalled last employee from the Unified Command
- Continued work from Montgomery as well as Baldwin and Mobile Counties

Public Health Response

- Multi-State Coordination
- Seafood Safety
- Health Messaging
- Swimming and Beach Advisories
- Environmental Activities
- Surveillance Activities

Gulf State Health Official Calls

- Worked with Association of State and Territorial Health Officials
- Twice weekly calls with State Health Officials and senior staff
- Importance of common message and approach
- Federal partners – CDC/ATSDR/EPA/NOAA/FDA especially, also NIOSH/OSHA

Region IV ESF-8 Coordinating Cell

- Coordinated the activities of Mississippi, Alabama, and Florida at the staff level
- Ensured a consistent response and message among the states
- Alabama represented other states' health and medical interests when they could not be present

Seafood Safety

- Opening/Closing shell fish harvesting areas
- NOAA testing protocol challenges
- Need for baseline testing as well as on-going testing
- Current need for on-going monitoring and marketing

Health Message

- If you see oil, stay out of it.
- If you get oil on you, wash it off.
- If you have a reaction to the oil, seek medical attention.
- If you have seafood which looks, smells, or tastes oily, do not eat it.

Oil on the Beach



Sheen/Tarmat Line 13 Miles SSE of Fort Morgan, AL



Swimming and Beach Advisories

- Major impact for tourism and local public concern
- Need for consistent message across states
- Impact very difficult to predict
- Closure/Advisory/Caution
- When to issue – When to lift

PUBLIC HEALTH PRECAUTIONS

This beach has been impacted by the oil spill in the Gulf of Mexico. Oil may come and go at any time and it may not be visible. If you see oil in the water, you are cautioned not to enter.

- Do not handle tar balls.
- Avoid contact with the oil.
- If you get oil or tar balls on your skin, wash with soap and water.
- If you get oil on your clothing, launder as usual.
- Do not use harsh detergents, solvents or other chemicals to wash oil from skin or clothing; they may promote absorption of the oil through the skin.
- If the odor causes nausea, vomiting, headache or breathing problems, leave the affected area.

FOR MORE INFORMATION CONTACT:

Alabama Department of Public Health 1.866.264.4073
Report oil in life 1.866.557.1401
Report odor 1.800.424.8802

ADPH.ORG

ADVISORIES WILL BE POSTED AS NECESSARY.

NOTICE: PUBLIC HEALTH ADVISORY

This beach has been impacted by the oil spill in the Gulf of Mexico. Please be aware that oil may not be visible from shore. Oil in the water or on the beach poses little risk to the health of the general public if they remain out of the water and on the shore. Contact with oil may pose a risk of skin and eye irritation.

YOU ARE ADVISED TO:

- Avoid contact with the water (no wading, swimming or entering the water)
- Avoid contact with oil or oily materials in the water or on the beach
- Avoid contact with dead or dying fish or other wildlife
- Leave the area and contact your physician as you deem necessary if experiencing respiratory difficulty (breathing) or other health problems

FOR MORE INFORMATION CONTACT:

Alabama Department of Public Health 1.866.264.4073
Report oil in life 1.866.557.1401
Report odor 1.800.424.8802

ADPH.ORG

ADVISORIES WILL BE POSTED AS NECESSARY.

Environmental Activities

- Waste disposal from clean up
- Food outbreaks from congregate feedings
- Floatels, especially in Louisiana
- Testing coordination and interpretation

ADPH Surveillance Activities

- Acute Health Effects Surveillance
 - May 15 to October 1, 2010
 - Urgent Care Clinics and Emergency Departments in Baldwin and Mobile Counties
- Poison Control Center Calls
 - Reports of oil spill related calls from Alabama
- BioSense
 - Syndromic surveillance anomalies reported by Department of Defense facilities to CDC

Sample Health Surveillance Report

Visit dates	5/24-5/31	6/3-6/10	6/18-6/25	6/25-7/2	7/2-7/9	7/9-7/16	7/16-7/23	7/23-7/30	7/30-8/6	Total
Patient visits	9,319	13,759	11,361	12,361	12,361	12,361	11,861	12,411	8,551	114,138
Patients reporting exposure	8	22	30	16	36	40	34	40	27	243
% patients reporting exposure	0.08%	0.21%	0.27%	0.13%	0.29%	0.33%	0.29%	0.32%	0.32%	0.21%
# of facility reports	179	181	187	202	210	210	210	210	210	1,708

Age Group, %	
20-49	136 (47.4%)
50-64	44 (22.5%)
65-84	55 (11.3%)
85+	11 (0.7%)
0-4	11 (1.9%)

Exposure, %	
Indirect	179 (14.4%)
Occupation	57 (29.6%)
Contact	31 (11.2%)
Multiple Exposures	5 (1.2%)
Ingestion	5 (1.8%)

Health Effects, %	
Respiratory	127 (14.6%)
Other	50 (14.4%)
Headaches/Flu	17 (5.4%)
Nausea/Vomiting	10 (3.3%)
Rash/Irritation	10 (3.3%)
Other Symptoms	11 (3.3%)
Multiple Symptoms	11 (3.3%)
None Reported	11 (3.3%)

• Residents: 8,551 patient visits (21.3%) reported exposure to oil spill in the community of Mobile
 • Oil Spill Response Workers: 11,361 patient visits (21.3%) reported exposure to oil spill in the community of Mobile

ADPH Surveillance Findings

- Acute Health Effects
 - 2.74/1,000 patient visits reported exposure
 - Respiratory symptoms were the most common
 - 44.6% (127)
- Poison Control Center Calls
 - Majority of calls received weeks ending 6/5 to 8/28
 - Oil spill related call per 1,000 total calls peaked at 37.4/1,000 calls the week of 7/17
- BioSense
 - No anomalies were reported in Alabama facilities

Community Assessment for Public Health Emergency Response (CASPER)

- Goal – to determine the general and mental health needs of the community during and one year following the oil spill
 - August 2010 and August 2011
 - South of Hwy 98 and Point Clear in Baldwin and communities of Bayou La Batre, Coden, and Dauphin Island in Mobile
 - Collaboration among ADPH, CDC, and ADMH

CASPER – Key Findings

- Overall, physical health symptoms did not differ significantly between 2010 and 2011 CASPER surveys
 - Suggests baseline symptoms in these communities
- Mental health symptoms decreased slightly
 - Remain higher than state and national rates
 - Significantly higher among households reporting decreased income since the oil spill
- Continuation of public health and community outreach programs, such as Project Rebound, were recommended

Response Challenges

- Limited information
- Difficult to confirm information
- Collaboration with state partners – ADEM, DCNR, and EMA
- Coordinated messages across states
- Lack of data astounding
- Simple messages with what we do know
- Major community concerns – both oil and dispersants
- Need for long term health effects studies and research

Now and in the Future

- Seafood safety – testing and monitoring
- Health effects studies
- Water/Sand/Sediment quality
- Community concerns
- Mental health
- Ongoing academic studies of the environment and health of residents and workers



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USDA Dairy Programs

■ Mission:

- To facilitate the efficient marketing of milk and dairy products.

■ Core values of our service to the dairy industry, the public, and within our own organization:

- Cooperation
- Fairness
- Integrity
- Objectivity
- Respect

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Federal Order Update and Southeast Overview

Chris Thompson
Associate Market Administrator
Federal Orders 6 & 7
Atlanta, GA

National Association of Dairy Regulatory Officials
Annual Meeting - Orange Beach, AL
July 16, 2012



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Why is milk unique?

■ Physiology of the Cow

- Always producing, at varying rates

■ Perishable Product

- Must move to market in 1-2 days

■ Fluid Market Necessitates Surpluses

- Variations in supply/demand (10-30%)
- Imposes costs on the fluid supplier

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What We'll Be Discussing:

■ FMMO Background

■ Fundamentals of FMMOs

- Classified Pricing
- Marketwide Pooling
- Auditing
- Market Information

■ Focus on Southeast

■ Milk Marketing Update

■ Marketing Services

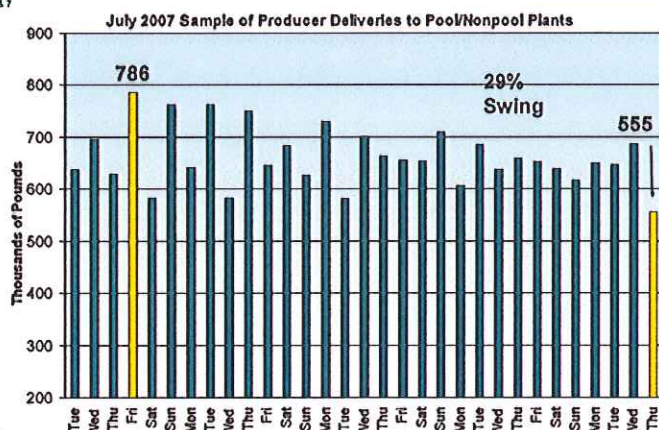
- Verification of Weights and Tests

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Daily Variation of Supply



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USDA Dairy Programs

■ One of 8 USDA AMS programs

- Dairy farmers
- Dairy processors
- Consumers
 - Stabilizing the marketing relationships between dairy farmers and processors,
 - Providing accurate, impartial and timely market information,
 - Establishing domestic and international quality standards,
 - Providing a grading service for the industry, and
 - Facilitating the promotion of milk and dairy products.

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Federal Order System

■ What is a Federal Milk Order?

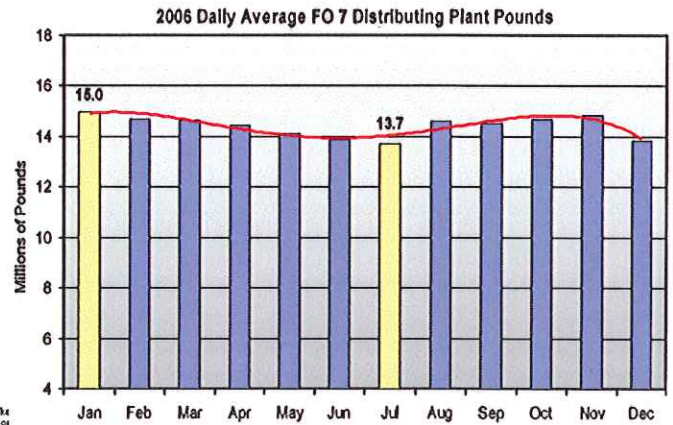
- A legal instrument issued to regulate at a minimum level pricing transactions between producers and buyers of Grade A milk in a specified geographic area.
- Value of milk as utilized by handlers is equitably distributed among Grade A producers
- Initiated and changed through a public hearing process, subject to the approval of dairy farmers.
- Funded through an assessment on handlers based on volume of pooled milk and non-member/independent producer assessment.

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Seasonality of Fluid Demand



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Federal Order System

■ Federal Orders Do:

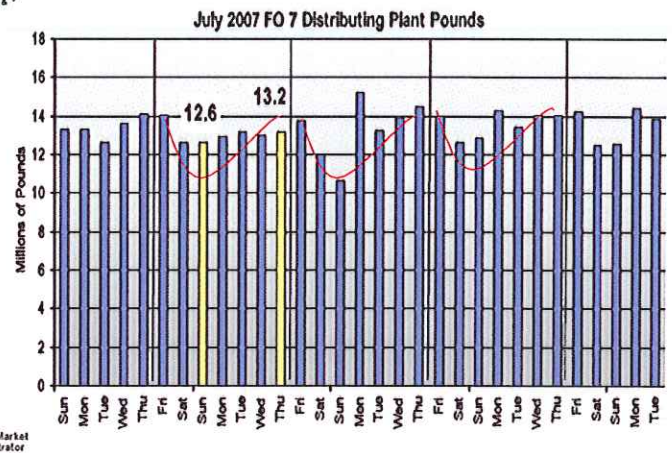
- Classify Milk According to its Use
- Establish Minimum Class Prices Monthly
- Conduct Impartial Audits
- Verify Weights and Tests of Milk
- Release Market Information to the Public

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Daily Variation of Fluid Demand



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Federal Order System

■ Federal Orders Do Not:

- Regulate:
 - Producers
 - Guarantee producers a market
 - Sanitary standards
 - From whom a plant may buy milk
 - To whom a plant shall sell milk
 - How much milk a plant shall buy or sell
 - At what price a plant may sell the milk
- Restrict milk production in any way

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History of Federal Orders

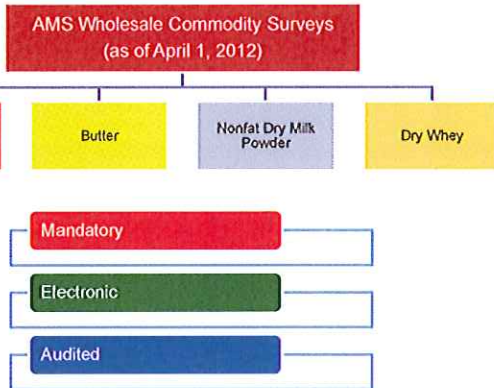
- Agricultural Adjustment Act of 1933
 - Established program of licenses
 - Federal requirement for classified pricing and pooling
- Agricultural Act of 1935
 - Established more specific requirements
 - Referenced "marketing orders" in lieu of licenses
- Agricultural Marketing Agreement Act of 1937
 - Provided foundation of current federal order program
 - This is enabling legislation: farmers may request and approve federal orders – orders are not mandatory

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Source: Dr. Bob Crupp, UW-Madison

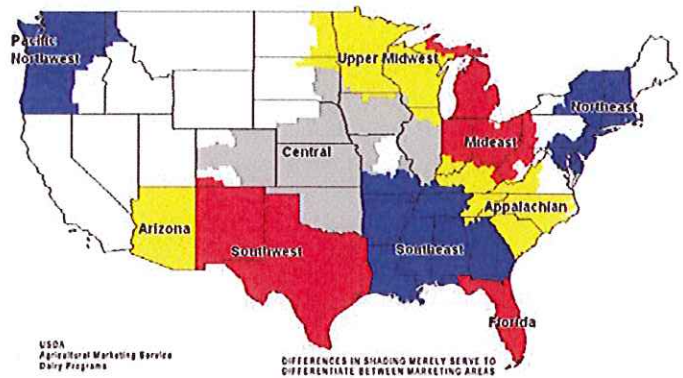


How FMMOs Set Monthly Minimum Class Prices



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Federal Milk Marketing Order Areas



Sparing the Gory Details

- Class I Price: Higher of Class III or IV + *Location Differential*
- Class II Price: Class IV Price + 70 cents
- Class III Price: Cheese and Dry Whey Reports
- Class IV Price: Butter and Powder Reports

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Classified Pricing is Based on How Milk is Used

- Class I – **Fluid Products**
- Class II – **Ice Cream, Yogurt**
- Class III – **Cheese**
- Class IV – **Butter/Powder**

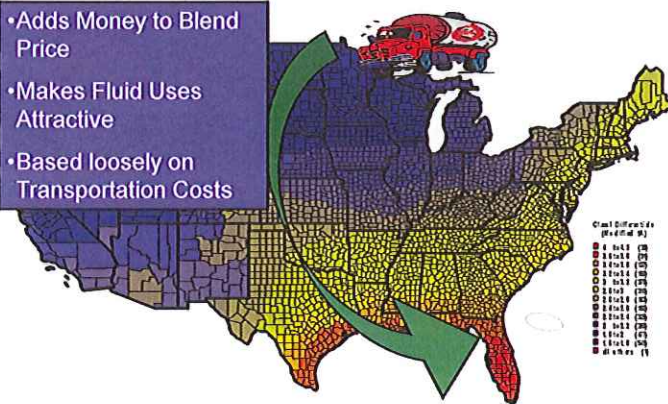
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Class I Location Differentials

- A component of the Class I price is the Class I Differential

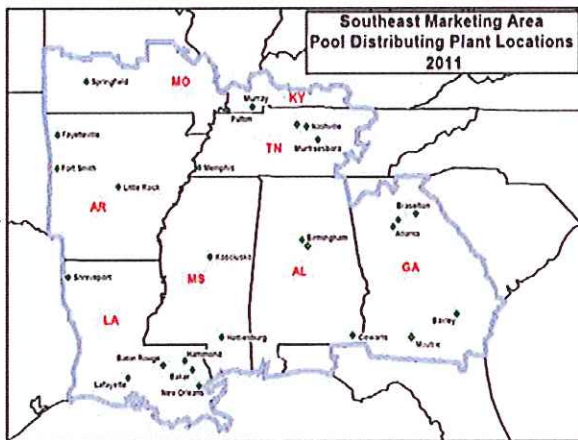
- Adds Money to Blend Price
- Makes Fluid Uses Attractive
- Based loosely on Transportation Costs





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Focus on the Southeast



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Marketwide Pooling

Producer Settlement Fund



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Focus on the Southeast



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Market Information

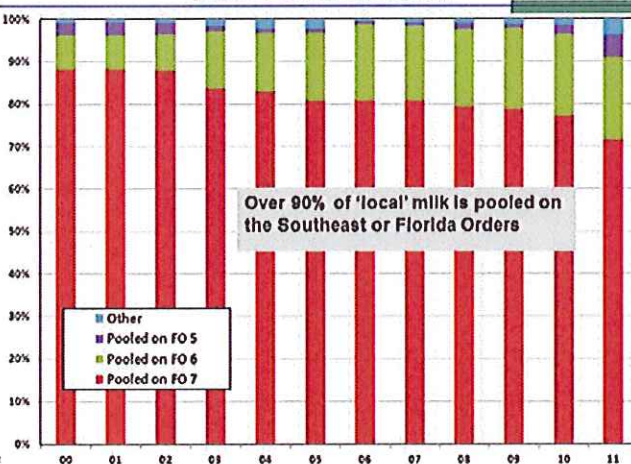
- Prices and Utilizations
- Sources of Supply
- Milk Sales
- Via:
 - Market Information Bulletins [monthly]
 - Annual Statistics
 - Website

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Where In-Area Milk is Marketed (2000-2011; billions of lbs)



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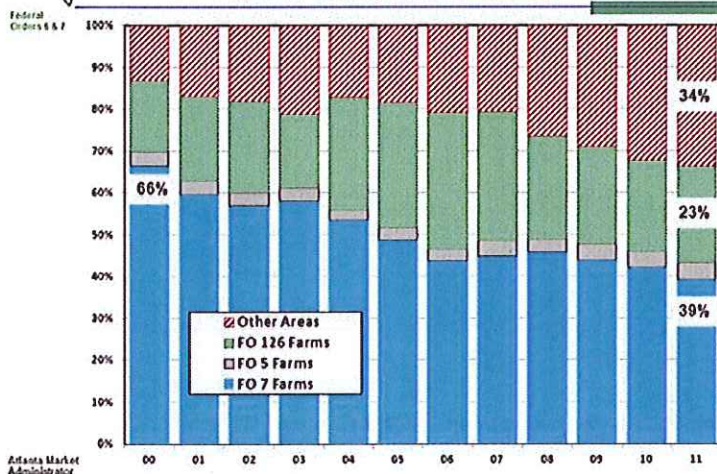
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Focus on the Southeast

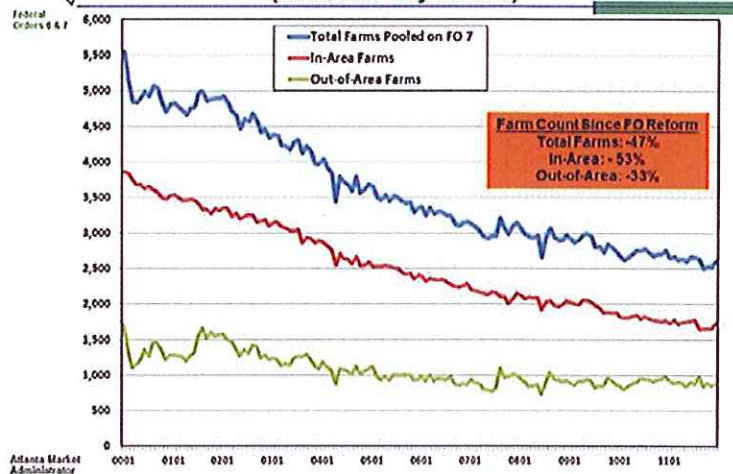


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In-Area v. Out-of-Area Share of FO 7 Pool (2000-2011, lbs in billions)



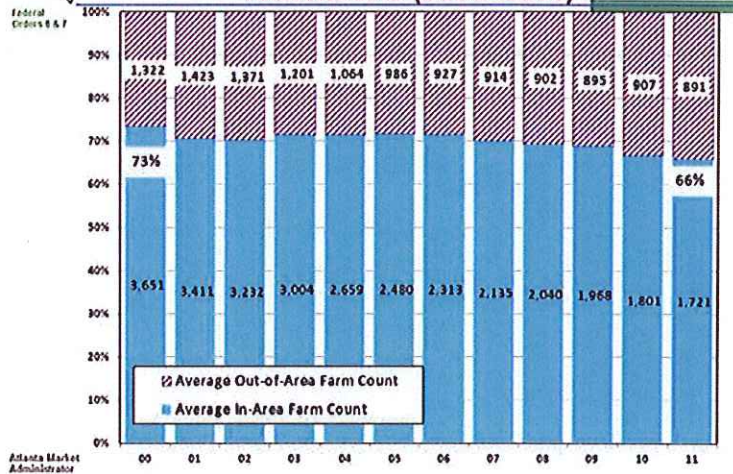
Federal Order 7 Farm Count (2000-2011 by month)



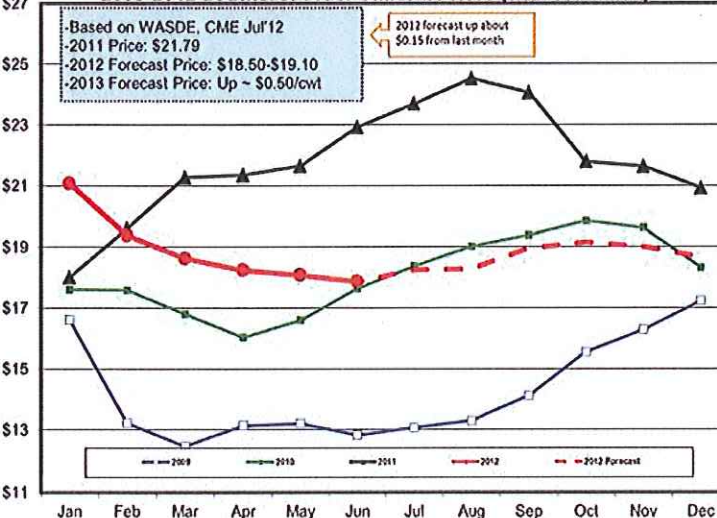
Summary of Forecast

- Supply:** ↑ 1.3% (U.S. milk production)
- Demand:**
 - Domestic: →
 - Exports: ↓ from record levels (still historically high)
- Feed Costs:** Corn, Alfalfa & Soybeans
 - (still problematically high)

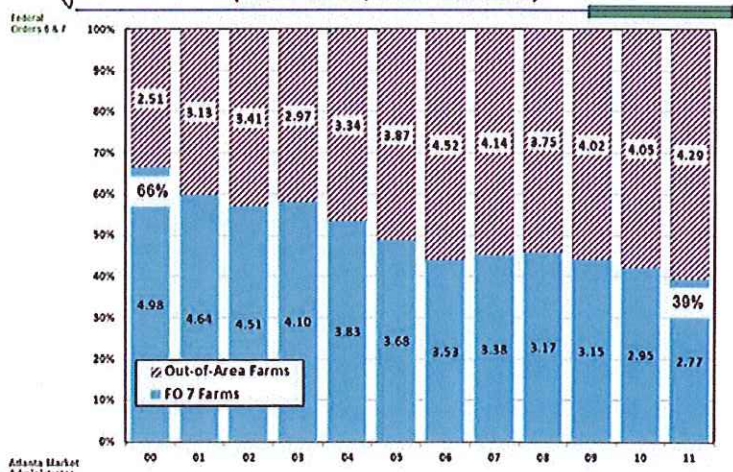
In-Area v. Out-of-Area Farm Numbers (2000-2011)



2009-2012 Southeast Order Uniform Prices (with estimates)



In-Area v. Out-of-Area Share of FO 7 Pool (2000-2011, lbs in billions)





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Marketing Services QA Programs

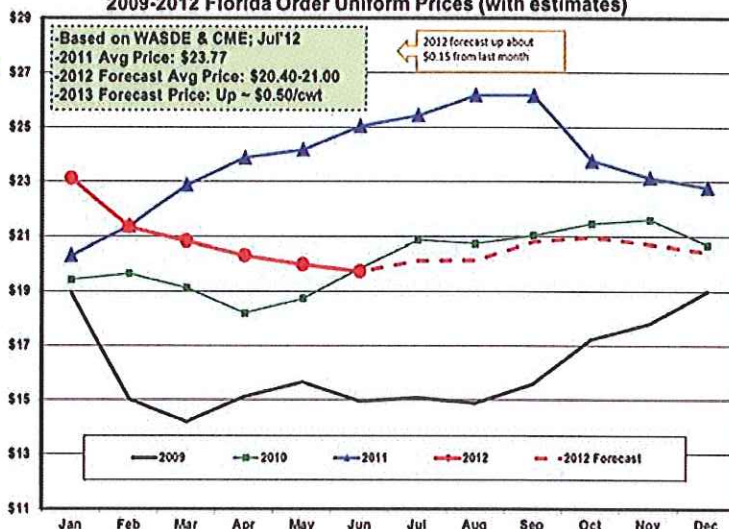
Mark Schweisthal, Quality Assurance
USDA - AMS - Dairy Programs
National QA Laboratory Consultant
Validation Sample Program Coordination

Edwin Yong, National Coordinator, Marketing Services
USDA - AMS - Dairy Programs

Scott Lough, Technical Services
USDA - AMS - Science and Technology

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2009-2012 Florida Order Uniform Prices (with estimates)



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Marketing Services QA Programs

Academic Consultation
Dr. Dave Barbano,
Cornell University, Department of Food Sciences

- Standardization and performance monitoring of chemistry analysis
- Sample preservation
- Method development

Fourier Transform Infrared (FTIR) Analysis

- Enhanced calibration



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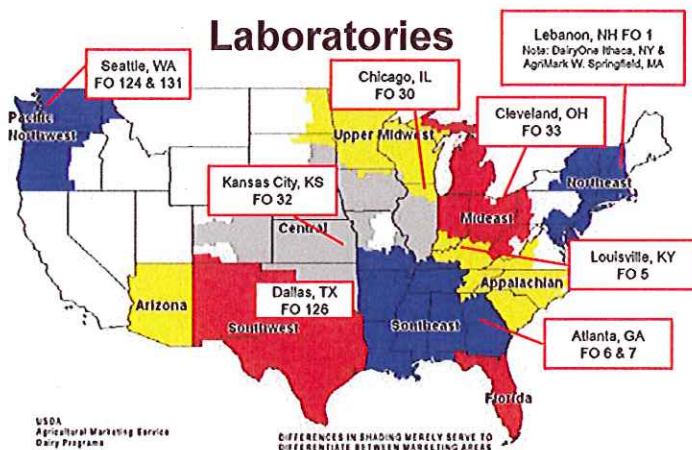
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Marketing Services



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Laboratories



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Marketing Services QA Programs

Substantial efforts to ensure repeatability and reproducibility of laboratories

Chemistry analysis

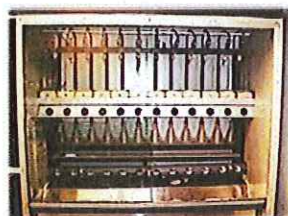
Ether Extract (Mojonnier) for milk fat
Kjeldahl for true protein
Enzymatic for lactose
Forced Air Oven for total solids

Fourier Transform Infrared (FTIR) Analysis

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Quality Control Program



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FOSS FT +

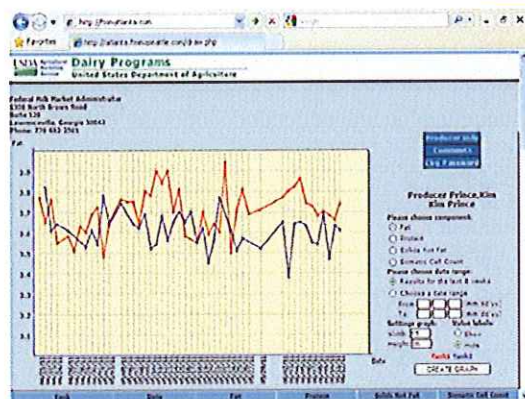
- Fat
- Protein
- Lactose
- Total Solids
- SNF
- SCC
- MUN



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Producer access to test results at the close of business...

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Responsible for verification/establishment of milk tests and weights

1. Laboratory
2. Tank Calibration

- 300 establish independent pay tests
- 333 verify independent pay tests
- 11,000 samples per month

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Atlanta Marketing Services

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Federal Order #7 - Southeast
Spring 2012
Independent Producer Affiliations

- Borden
- Dairy Marketing Services
- Dean Foods
- Kleinpeter Farms, Baton Rouge, LA
- Others...

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Atlanta Laboratory Services

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Lab Team



Rick Morse, Pat Boyd, Darryl Oliver and Mary McShane

Atlanta Market Administrator



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Contact Information

Milk Market Administrator
Federal Orders 6 & 7
1550 North Brown Road, Suite 120
Lawrenceville, GA 30043

Phone: 770-682-2501
FAX: 770-8221038
Web: www.fmmatlanta.com
Email: cthompson@fmmatlanta.com
labtests@fmmatlanta.com

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Atlanta Laboratory Services

Verification of Lab Performance

Control Samples

- "Blind" samples regularly provided to laboratories
- Labs provide us their test results
- FMMA Atlanta performs comparative analysis and provides feedback

Laboratory Audit Program

- Routine visits to laboratories
- Observe procedures
- Evaluate instrument performance
- Review records

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Farm Tank Calibration Program

John Lacey



Coordinated with producers, haulers and dairy reps
Calibrations evaluated
New charts provided

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For More Information



www.fmmatlanta.com

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National Association of Dairy Regulatory Officials

54th Annual Meeting

July 14 – 18, 2012

**Island House Hotel
Orange Beach, Alabama**

State Reports



STATE OF ALABAMA DEPARTMENT OF
PUBLIC HEALTH

Donald E. Williamson, MD
State Health Officer

**NATIONAL ASSOCIATION
OF
DAIRY REGULATORY OFFICIALS
ALABAMA STATE REPORT**

54th Annual Meeting
Orange Beach, Alabama
July 14-18, 2012

The NADRO annual meeting is one that I look forward to attending each year. This meeting provides a forum for the directors of the states' milk programs to receive updates on current and emerging issues that affect our industry.

The 2012 legislative session recently ended in Alabama and it appears that the Milk and Food Processing Branch will not know exactly what the 2013 budget will be until our new budget period begins October 1, 2013. The legislature passed a 2013 budget that is dependent upon voters passing a constitutional amendment to allow the legislature to pull monies from heritage funds such as the oil and gas lease funds. These funds were originally set up as a rainy day fund where only the interest was accessible to be used to operate state government. The health department's budget currently is at level funding from last year's level. The state health department stands to lose a significant amount of funding if the constitution amendment is not passed by the voters in September. Dr. Don Williamson, the Alabama State Health Officer, was asked by the legislature to take on the responsibility of re-directing the Alabama Medicaid program. All segments of the health department depend heavily on funds generated through the Medicaid program. Dr. Williamson and his financial staff have made significant changes to that program that will result in a much more fiscally managed program. The loss of Medicaid reimbursements combined with the non passage of the constitution amendment this fall could cause the health department's 2013 budget to be reduced by upwards of forty percent.

Alabama continues to lose dairy producers as do several other surrounding states due to producer retirements and higher producer input costs. Several dairies are rumored to either reopen or startup, but, have not done so yet. Alabama's agriculture industry this year has been hit extremely hard by drought conditions. An early spring combined with mild temperatures gave hope that we would have a very good growing season this year. Late winter and early spring rains helped to replenish the state's water table to a level that would be manageable if the rains would continue throughout the upcoming summer months. However, the rains stopped and we are now experiencing a drought in some counties combined along with record breaking temperatures. In some parts of the state timely thunderstorms may not be enough to save some of our crops that our dairies so desperately depend upon to survive without having to purchase expensive feed.

The Alabama milk processing industry continues to make capital improvements in their plants. Alabama frozen dessert plants seem to have made the most improvements facility wise in the last year. One Ice cream plant has added a new pint and three gallon machine along with six new

tanks to provide mix for the machines; added an extra one-half gallon machine; added an extra vita-line for fruit bars and added forty new employees.

Another Ice cream plant has added two new large mix silos; added new conveyor system throughout the plant; installed a new bar code scanner that will help to ensure the right product is placed in the right container and added new employees to help with increased production demand. One of our Grade A facilities has added new batch tanks, sped up their processing capability and remodeled the plant which includes a new laboratory and conference room.

The small producer processors segment of our dairy industry continues to cause an increased demand in time and travel for our staff. We are presently working with several small producer/processors that are undergoing some stage of construction. Two milk plants have just recently become IMS listed. One is a goat producer/process that also manufactures cheese. The other plant is an Organic dairy. Our largest goat cheese processor has expanded its market and is in the planning stage of purchasing property and drawing plans for a new facility in Northern Alabama. We continue to get telephone calls from small processors over the concern of why people are allowed to sell milk labeled as pet food, when they suspect the individuals buying it are using it for human consumption.

The Milk and Food Processing Branch is currently fully staffed. However, due to several recent retirements, two of our inspectors have less than two years each of total dairy experience. Mike Clinkscates, Alabama Milk Rating Officer, has worked extremely hard to get these two inspectors familiar with dairy work in both the Grade A and Manufacturing Milk programs. Also, the Atlanta FDA Regional office recognized that we were in desperate need to provide basic milk training to one-half of our milk field staff. Special thanks goes out to Laurie Farmer and Marybeth Willis for being instrumental in ensuring that we could send these inspectors to the basic farm courses in Indiana and their help in providing the inspectors with much needed field training. Alabama has been awarded an FDA 577 Special Problems in Milk Protection course that will be held in August of this year. A FDA basic pasteurization course is scheduled to be held in Alabama in the late summer or early fall of 2013.

I would like to thank NADRO for giving the Alabama Department of Public Health the opportunity to participate in this meeting. Information gained from the topics presented helps to keep our staff informed of the latest dairy information. Also, time spent at this meeting allows me the opportunity to have one on one interaction with other program managers concerning issues that affect the dairy industry and regulatory programs. Again, thank you for allowing the department to attend this most informative meeting.

Respectfully Submitted,



G. M. Gallaspy, Director
Milk and Food Processing Branch

**FLORIDA DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES
Adam H. Putnam, Commissioner**

**Division of Food Safety
Bureau of Dairy Industry**

2012 ANNUAL REPORT – NATIONAL ASSOCIATION OF DAIRY REGULATORY OFFICIALS

FLORIDA'S DAIRY INDUSTRY

The State of Florida remains an integral part of the southeastern U.S. dairy industry. There are currently 3 fewer farms in the state since our last report but the number of dairy cows has increased by 4,000. Florida did not lose any milk processors or single service container manufacturers during the past year and we continue to see an increased interest from individuals wanting to make artisanal cheeses as well as wholesale frozen desserts.

BUREAU OF DAIRY INDUSTRY

Our Bureau consists of 21 full time employees that includes 12 field inspection positions, 3 laboratory positions, 3 administrative staff members and 4 clerical staff. Three of the field inspection staff are State Rating Officers and one is a Sampling Surveillance Officer. Our Environmental Administrator that oversees the laboratory also serves as the Laboratory Evaluation Officer. Our IT staff member was transferred into the Division's IT staff and is no longer considered a position within our Bureau.

We continue to collect all routine samples from farms and processors and conduct all inspections with the exception of some bulk milk tankers. The large number of tankers in Florida requires us to utilize certified industry tanker inspectors to accomplish the task.

Our program is funded almost entirely from general revenue. There are no permit/license fees associated with any of our Grade "A" facilities. The only license fee we have are for wholesale frozen dessert manufacturers.

SEE REVERSE SIDE FOR STATISTICS

FLORIDA DAIRY STATISTICS

Milk Processing Plants	20
Wholesale Frozen Dessert Manufacturers	72
Cheese Manufacturers	9
Single Service Container Manufacturers	14
Milk & Milk Product Distributors	31
Stand Alone Wash Stations	7
Dairy Farms	136
Dairy Cows	122,000
Average Herd Size	897
Hauling Services	14
Milk Tankers	1,978
Bulk Milk Hauler/Samplers	96

OUT-OF-STATE PERMITTED FACILITIES

Milk Processing Plants	120
Wholesale Frozen Dessert Manufacturers	59



Georgia Department of Agriculture

Dairy Division – Room 316 • 19 Martin Luther King Jr Dr SW • Atlanta, Georgia 30334-4201
PHONE 404-656-3625 FAX 404-656-3723

Gary W. Black
Commissioner

National Association of Dairy Regulatory Officials Annual Report Orange Beach, Alabama July 15-18, 2012

The Georgia Department of Agriculture Dairy Division has been busy with training this fiscal year. Our new administration is much more receptive to training. We hosted the Southeast Regional/FDA Seminar in Athens in August 2011. We conducted a short training session at a producer/processor facility and some farms in southwest Georgia in September 2011. We had a specialized farm inspection training exercise in conjunction with FDA in March 2012 in Montezuma. FDA 571 course was given to our sanitarians in Atlanta in May 2012. We will be hosting the FDA plant inspection course in Atlanta in March 2013. Our dairy sanitarians that are cross-trained on food inspection have been taking advantage of many FDA training courses across the country.

Georgia farm numbers have remained steady. We have 10 farms under construction now. Production is up 9.5% for the first 5 months of the year. Our large Grade A plants continue to increase volume. We have 2 new producer/processors. Our newest facility is milking 300 sheep.

Our dairy farmers are adjusting well to the processors/co-operatives requiring 400,000 somatic cell count. Our average cell count has been below 400,000 for the first time in a number of years. We have only issued 2 warning letters this calendar year.

I am retiring at the end of next month. Mitchell Martin and Bob Rogers will share the duties of the Dairy Division. Mitchell will be over plants and producer/processors. Bob will be over farms and wash stations. Curt Griner, our Rating Officer, is still in charge of sample surveillance and milk truck tanker inspections. Contact information for each of them:

Curt Griner, curtis.griner@agr.georgia.gov, 404-484-0928
Mitchell Martin, mitchell.martin@agr.georgia.gov, 404-473-1603
Bob Rogers, robert.rogers@agr.georgia.gov, 706-433-1415

On a personal note, I have loved my NADRO experiences. I am honored to have served as your president. I am thankful for the friendships I have made and continue to keep. I hope to continue to attend as a retiree.

Respectfully submitted, one last time,


Peggy S. Gates

EQUAL OPPORTUNITY EMPLOYER

GEORGIA DAIRY FACTS - 2011

- 1** Dairy cows have increased by 0.5% (78,840 January 2011 to 82,812 January 2012)
- 2** Milk per cow increased to 64 lbs./cow/day during January 2012 (up from 60 in January 2011).
- 3** Average cows per dairy increased (7.0% from 301 in January 2011 to 322 in January 2012).
- 4** Farms have decreased 1.1% from 262 (January 2011) to 259 (January 2012).

As of Dec. 31	# Farms (comp. to 2012)	PRODUCTION (comp. to 2012)
2011	259	1.440 bil. lbs.
2006	286 (down 9.4%)	1.396 bil. lbs. (up 3.2%)
2001	383 (down 32.4%)	1.417 bil. lbs. (up 1.6%)
1991	607 (down 57.3%)	1.438 bil. lbs. (up 0.1%)

As of July 1, 2012 we have
254 cow dairies
4 goat dairies
1 sheep dairy

- 5. Production increased during 2011 from 2010 by 4.2% (2010-1.383 bil. vs. 2011-1.441 bil.).
- 6. Somatic Cell average decreased from 416,369 (2010) to 373,832 (2011).
- 7. 2011 raw milk export totals increased by 25.7% over 2010. (2010-760.2 mil vs. 2011-955.5 mil.)
- 8. In 2011 66% of the raw milk produced in Georgia was exported (55% in 2010).
97.5% to Florida 1.1% to Alabama 0.6% to North Carolina 0.4% to Tennessee
- 9. Imports of raw milk increased by 3.4% over 2010 totals. (2011 - 849.9 mil vs. 2010 - 822.2 mil.)
- 10. 83% of imported milk came from states other than the southeast.
1. Indiana - 29% 2. Ohio - 12% 3. Virginia - 6%, 4. Texas - 4%, 5. New Mexico - 3%
- 11. Antibiotic violations decreased on farms during 2011 (5 in 2011 vs. 9 in 2010).
- 12. Pounds of milk dumped for antibiotics decreased: 456,331 lbs. in '10 to 249,062 lbs. in '11
5 positive tankers - up 38% from 8 in 2010 (value of the 5 tankers were \$59,158; value in 2010 - \$81,870)
- 13. 19 suspensions (other than antibiotics) were made at the farm level in 2011 (18 in 2010):

	<u>barn violations</u>	<u>somatic cell</u>	<u>bacteria</u>	<u>added water</u>	<u>well water</u>	<u>agitation</u>	<u>Aflatoxin</u>
(2010)	1	13	4	0	0	0	0
(2011)	0	10	0	3	0	3	3

- 14. 88 warning letters were generated in 2011 (115 in 2010):

	<u>Barn violations</u>	<u>somatic cell</u>	<u>bacteria</u>	<u>added water</u>	<u>well water systems</u>
(2010)	31	49	17	17	1
(2011)	23	30	9	23	3

- 15. Georgia has: 13 Grade A Processing Plants (up 1 from 2010)
33 Manufacturing Plants (up 2 from 2010)
13 Single Service Plants (up 1 from 2010)

As of July 1, 2012 we have
13 Grade A plants
33 Manufacturing plants
14 Single Service plants

- *16. Top 8 ranking dairy counties, according to number of Grade A farms (as of Jan. 2012)

1. Macon - 37	3. Morgan - 22	5. Jefferson - 11	7. Wilkes - 9
2. Putnam - 27	4. Greene - 12	6. Burke - 10	8. Brooks - 8
36 with 1 dairy, 16 with 2, 6 with 3, 5 with 4, 3 with 5.			

- *17. Top 6 ranking dairy counties, according to number of cows (as of Jan. 2012)

1. Macon - 13,508	3. Burke - 5,501	5. Morgan - 5,002
*2. Brooks - 9,836	4. Putnam - 5,173	6. Jefferson - 3,546

* Brooks has 8 dairies

18. (COW STATS)

	1996	2001	2006	2011	
# FARMS	473	378	282	252	(decrease 33.3% over 2001, 46.7% over 1996)
FARMS WITH <200 COWS	347	272	196	166	(decrease 39.0% over 2001, 52.2% over 1996)
FARMS WITH >200 <1,000 COWS	118	95	73	68	(decrease 28.4% over 2001, 42.4% over 1996)
FARMS WITH >1,000 COWS	8	11	13	18	(increase 63.6% over 2001, 125.0% over 1996)

THESE FIGURES ARE FOR JANUARY 2012

Compiled by Ga. Dept. of Agriculture/Dairy Division



Mitchell E. Daniels, Jr., Governor
Bret D. Marsh, DVM, State Veterinarian

INDIANA STATE BOARD OF ANIMAL HEALTH

Office of the State Veterinarian
Discovery Hall, Suite 100
1202 East 38th Street
Indianapolis, IN 46205
Phone: 317/544-2400

National Association of Dairy Regulatory Officials
July 14-18, 2012
Orange Beach, AL

Indiana Dairy Report

The Dairy Division of the Indiana Board of Animal Health is currently at full field staff and are in the process of hiring a Supervisor. In the past year we have hired three inspectors to replace a recent retirement and two vacancies.

Dairy Staff

Supervisors	1
Dairy Specialists Farm/Plant	11
IMS rating officers	1 full time 1 half time (Farm)
LEO	1
Administrative support	2
Director/Deputy Director	2

In December our agency moved to the Indiana State Fairgrounds. The 4-H building that had been sitting idle was completely gutted and renovated into new office space. In June we hosted the FDA 375 Dairy Farm Sanitation course on the third floor of our building. We had 58 regulators from 18 states in attendance as well three staff from the University of California-Davis. The 2012 Indiana State Fair will be the Year of the Dairy Cow so most of the staff will be busy attending booths and helping out with the promotions.

Indianapolis will host the 2013 NCIMS meeting to be held at the downtown Marriott. After successfully hosting this year's Super Bowl XLVI, Indianapolis is looking forward seeing you in April, 2013. As you will find out Indianapolis is a great city for conventions with plenty of restaurants, shopping, museums and zoo all within walking distance.

Raw Milk Study

In February our State Senate introduced Raw Milk legislation that would have allowed anyone with less than 20 cows to sell raw milk from the farm without permit or regulations. That proposal died in committee but the General Assembly passed (House Bill 1129) that directed BOAH to conduct a study to be completed by November 1, 2012.

Safeguarding Indiana's animals, food supply and citizens for over 100 years.

An equal opportunity employer and provider.

Our first meeting of the Raw Milk Advisory Panel met on June 15 with our second meeting scheduled for July 20th. The approach will be that if we are going to regulate raw milk what our plan would include. At our first meeting the 17 member panel described the requirements that the raw milk farms would follow. The panel is recommending that the Grade A requirements become the standard for farm and processing raw milk. Our dairy intern has been gathering information from all the states where raw milk is legal to find out their standards and requirements.

Farms and Plants

1267 Grade A Farms in June 2012
249 Manufacturing Farms in June 2012
55 Dairy Processing Facilities
13 Single Service Plants
569 Bulk Milk haulers
384 Bulk Milk transports

Our milk production for the past six months had been increasing 4-6% per month. Indiana's milk production for June was 327 million pounds. We are 14th in milk production.

The five consecutive 100+ degree days over the Fourth of July as greatly reduced the milk supply. The lower 2/3rd of Indiana is suffering the worst drought conditions since 1988. Central Indiana has not seen more than a quarter inch of rain since mid May. The corn and bean crop yield are projected to be down 60% or greater. With low milk prices, no second hay crop, and limited feed means there will be a lot of dairy farms selling out this fall. This is looking to be a very difficult year for dairy farmers in our area.

Indiana has four farms using the Lely voluntary robotic milking systems. The newest operation has four Lely units and is milking 210 cows as of April. Two more farms are in the process of purchasing Voluntary Milking Systems.

Over the past year I have held several information meetings for small artisan processors. In the past year we have licensed three small goat and cow milk cheese processors.

Since the first of the year FDA has stepped up the number of check ratings. Joie Navarrete is fully standardized and she is trying to get caught up on FDA check ratings in our region. Joie recently certified four of us to be Sample Surveillance Officers.

Laboratories

There are 6 full service laboratories, 5 certified industry supervisor sites, and 14 screening sites across the state.

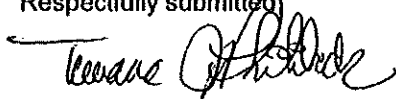
Processing

Several plants have invested in remodeling efforts in the past year. Wayne (Smith) Dairy-Richmond is spending \$40 million to basically rebuild and install new silos and ESL equipment in their bottling plant. Crossroads Dairy (Kroger) doubled the size of their ice cream processing facility alongside their bottling plant. Traders Point Creamery (Zionsville) is close to completion of their new bottling facility. They actually bottle all their fluid milk and yogurt in glass.

We have recently licensed three single service plants in Indiana producing cups, containers and film.

I am pleased with our progress with the BOAH Dairy Division as we deal with budget challenges and staffing issues similar to the rest of states. The dairy industry continues to change and be challenged as we attempt to adapt with this great industry.

Respectfully submitted



Terrance J. Philibeck
Director Dairy Division
Indiana Board of Animal Health

On a personal note, I was saddened with the loss of Gary Kuhlmann of Prairie Farms. Gary worked a lot with his field reps on farms in Indiana. I served on Council I with Gary and he regularly attended my quarterly Dairy Industry meetings. His presence in the Dairy Industry will truly be missed.



**Commonwealth of Kentucky
Annual Report to the
National Association of Dairy Regulatory Officials
Orange Beach, Alabama
July 15 – 18, 2012**

**Collaborative Report Submitted by the Kentucky Department of
Agriculture, University of Kentucky Regulatory Services and
Kentucky's Milk Safety Branch**

University of Kentucky Regulatory Services, Milk Program

The Milk Regulatory Program at the University of Kentucky has had a busy year. We had a 33% increase in milk hauler inspections in 2011. We also have increased our cooperation with our researchers in the COA. In 2011 we analyzed over 10,000 samples for research. Robert Kiser is still the Interim Coordinator of the Milk Program. Regulatory Services will be under going changes in the near future. We will be getting a new Director in August 2012. As in most all Universities the budget problems will lead to reorganization and consolidation in Regulatory Services. The implementation of this will be the new Directors first order of business. In the mean time the Milk Program will continue to strive to serve all our partners in the dairy business.

2011 Highlights:

- Reviewed and issued license to 3 transfer stations, 24 milk handlers, 20 laboratories, 77 testers, and 342 sampler-weighers (milk-haulers, receivers and samplers).
- Analyzed and administered action on over 3000 official samples.
- Administered a monthly milk lab quality control check sample program through the distribution of 2640 check samples to the 20 licensed laboratories to ensure accurate component testing procedures.
- Conducted 9 pay-records and 18 raw milk receiving manifest audits.
- Conducted 30 milk laboratory inspections.
- Trained and examined 28 new sampler-weighers and 7 new testers.
- Conducted 2 inspections of raw milk transfer stations.
- Conducted 330 sampler-weigher inspections.
- Analyzed over 10,000 research samples for U.K. COA researchers.
- Conducted quality testing for 6 small on farm processors and cheese makers.

Kentucky Department of Agriculture

The Kentucky Department of Agriculture works closely with the Kentucky Milk Commission, the Kentucky Dairy Development Council, the state dairy regulatory agencies as well as other dairy related entities.

The Kentucky Milk Commission did a test market in the fall of 2011 on a Kentucky Proud Milk. The product was source verified 100% Kentucky milk and introduced in six markets in the Louisville area. The test market ran for about eight weeks but did not do well for several reasons. The project is currently be revisited with more of a focus on marketing and better preparations.

KDA currently does the organic certification for 21 organic dairies in the state and has about five more in the transition process.

The KDDC has several programs in place including a Young Producer Program, MILK Counts – which helps producers with SCC issues and the MILK program – which provides a .50 cent incentive for quality and other requirements.

Kentucky Milk Safety Branch

July 2, 2012

Grade A Dairy Farms	838
BTUs	29
Manufacture Grade Dairy Farms	5
Milk Haulers/Samplers	341
Grade A Processing Facilities	9
Manufacture Grade Processing Facilities	17
Single Service Facilities	8
Appendix N Drug Testing Labs	13
Screening Sites	5
Confirmation Sites	8
Full Service Industry Labs	8
Official Labs	2
State Lab	1

The Kentucky Milk Safety Branch is housed under the Cabinet of Health and Family Services, Department for Public Health. We consist of ten (10) Sanitarians and three (3) Central Office personnel. As all other agencies we are experiencing more and more budget cuts. We have been at the point for the past couple of years that if we experience any additional cuts, they will be from the mandated portions of our programs. Farm numbers are slightly down along with plants. However, micro-processing and cheese production continues to expand.

We now have twelve (12) facilities permitted with 3 to 4 currently in the construction process. All these places have one thing in common, and that is they cannot produce enough product to satisfy their customers.

Our Kentucky Dairy Industry bonded together this past year to prevent raw milk legislation from passing the House once it left the Senate. As we all realize, this is a civil liberty movement not centered on public health.

Our inspection frequencies are continuing to be met in all areas. A total of two FDA Milk Specialist have been assigned to the state of Kentucky. It was determined through our FDA Program Review that we are in substantial compliance with the IMS Program.

A big concern we have is how will the Food Safety Modernization Act affect our Dairy Program? There are too many possibilities available at this time to determine how the Milk and Food Programs will interact. Time will tell.

I want to thank everyone for the help and guidance you have provided over the years. I strongly believe as time goes on, we will have to stand closer together on public health values and standards.



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT

JAMIE CLOVER ADAMS
DIRECTOR

National Association of Dairy Regulatory Officials

Orange Beach, Alabama

July 14 – 18, 2012

MICHIGAN REPORT

Introduction

The Dairy Section of the Michigan Department of Agriculture and Rural Development's Food and Dairy Division is responsible for the inspection of all Grade "A" and manufacturing dairy farms, processing plants, bulk milk hauler/samplers, and milk tank trucks. The Dairy Section also conducts the NCIMS rating program as well as the Laboratory Evaluation program. In addition, Dairy Section staff carries out USDA surveys and grading through a USDA cooperative program.

Michigan has 1,864 Grade "A" dairy farms and 288 manufacturing milk farms for a total of 2,152. Dairy has a \$5.9 billion impact on Michigan's economy and creates over 26,000 jobs. In 2011, milk production in Michigan increased 1.7% over 2010 levels. Michigan ranked 8th in the U.S. in milk production, producing 8.5 billion pounds of milk. Michigan ranked 6th in milk production per cow with an average of 23,164 pounds. Michigan continues to add milk processing capacity with new plants being built and existing plants expanding.

Dairy Section Workload

Grade A Dairy Farms	1,864
Manufacturing Milk Farms	288
Dairy Plants	84
Transfer/Tank Truck Cleaning Stations	15
Grade A Milk Distributors	13
Single Service	8
Bulk Milk Hauler Samplers	1,010
Milk Tank Trucks & Can Milk Trucks	704
Milk Transportation Companies	123
Certified Industry Fieldpersons	34
Certified Industry Laboratories	10
Approved Drug Residue Screening Sites	36

Certified Industry Field Representative Dairy Farm Inspection Program

In 2010, the Michigan Department of Agriculture and Rural Development (MDARD) began to implement the Certified Industry Field Representative Dairy Farm Inspection Program. The program was implemented because of the loss of six MDARD Dairy Section staff due to

retirement, a budget reduction accompanying these retirements, and a subsequent proposal for a further budget reduction.

Consequently, in December 2010, the industry began to conduct official regulatory dairy farm inspections. The program was expanded to the point that the industry became responsible for inspecting 90% of Michigan's dairy farms. MDARD staff has oversight and conducts audits and Grade "A" ratings of the inspections being carried out by the industry.

Michigan has had Certified Industry Field Representative Dairy Farm Inspectors for many years who are employed by farm cooperative organizations and provide services to members. These industry farm inspectors are licensed by MDARD and comply with the requirements of Section 5 of the Grade "A" Pasteurized Milk Ordinance. MDARD staff continues to inspect Michigan's 83 milk processing plants, milk pasteurization systems, milk haulers and tank trucks as well as other dairy businesses. MDARD continues to conduct milk sanitation and enforcement ratings, license dairy establishments, evaluate milk testing laboratories and screening sites, as well as conduct other milk safety-related activities.

The proposed funding reduction was restored to the Dairy Inspection Program in the budget beginning October 1, 2011. This enabled MDARD to resume conducting inspections on 78% of Michigan's dairy farms in February 2012. The FY13 budget brought additional funding to the program. This means that MDARD will be able to replace all of the staff who retired in 2010 and resume inspections for all Michigan's dairy farms, dairy processing plants and other licensees.

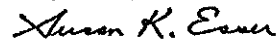
New Value-Added Milk Processing Facilities

MDARD's milk safety inspection staff continues to receive inquiries from dairy farmers and others who are interested in starting up local, value-added milk processing facilities. These facilities include manufacturers of goat, sheep and water buffalo cheese as well as on-farm milk bottling facilities. The milk safety inspection staff works with these entrepreneurs from the initial planning stage all the way through construction and start-up. A continuing inspection program of these new facilities helps assure a smooth transition from planning to the production of safe, wholesome dairy products. Dairy processing facilities continue to increase in number from 79 in FY10 to 84 in FY11.

Cow Share and Fresh Unprocessed Whole Milk Meetings

Brought together by Michigan Food and Farming Systems, this group of stakeholders including cow share farmers, MSU staff, Michigan Milk Producers Association, and MDA is considering various aspects of raw milk consumption and cow sharing to address the question, "Where do we want to be in three to five years on access to fresh unprocessed whole milk?"

Respectfully Submitted,



Susan K. Esser
Deputy Director,
Food and Dairy Division



Executive Secretary
Gene Wiseman
Phone: (573) 751-3830
Fax: (573) 751-2527

State Milk Board
PO Box 630
1616 Missouri Boulevard
Jefferson City, MO 65102

Drought

The situation in Missouri is serious for dairy farmers as they face lower mailbox prices, high commodity costs and low hay and silage yields. Farmers are feeding hay and cutting corn silage early because of deteriorating crop conditions. Reported silage yields are 1/4 to 1/2 of normal yields. Much of Missouri's carryover hay stock was sent to Texas last year to assist drought stricken farmers there. Since the first of June nineteen grade "A" dairies have exited production and total dairy cow numbers have dropped to 93,000.

Raw Milk Legislation

Senate Bill 841 would have allowed producers to sell up to 100 gallons of raw milk per day at farmers' markets. The bill was heard in committee on March 28 and died in committee without action. It likely was influenced by a raw milk related health incident that occurred within 45 miles of the state capital.

Raw Milk Health Incident

On March 29 Missouri Department of Health and Senior Services (DHSS) reported a Central Missouri child was diagnosed with hemolytic-uremic syndrome (HUS) on March 23 and dialysis starting on March 29. Health officials confirmed the child had consumed raw milk and raw milk products.

On April 2 four cases of Shiga Toxin E. coli (STEC) were reported; all had consumed raw milk or raw milk products from the same non-permitted farm. On April 9 DHSS reported raw milk was the common link in the Central Missouri health incident. In all, fourteen cases of E. coli 0157.H7 were reported. Of these two were children under two years of age.

Grade A Farms	1038
Manufacturing Grade Farms	407
Grade A Plants	21
Manufacturing Plants	30
Grade A Distributors	24
Grade A Receiving/Transfer Stations	15
Manufacturing Receiving Stations	37
Bulk Milk Haulers/Samplers	279
Bulk Trucks	190
M Transports	1618



STATE OF NEW YORK
DEPARTMENT OF AGRICULTURE & MARKETS
10 B AIRLINE DRIVE
ALBANY, NEW YORK 12235

Division of Milk Control and Dairy Services
518-457-5731
Fax 518-485-8730

**National Association of State Dairy Regulatory Officials
(NADRO) ANNUAL MEETING
JULY 14 – 18, 2012
Orange Beach, Alabama**

The dairy industry in the Empire State accounts for more than half of all agricultural products' value. Total milk production during 2011 was 12.826 billion pounds, up 0.9% from the previous year. The farm-gate value increased from \$2.2 billion in 2010 to \$2.7 billion in 2011 as a result of record high milk price. The annual average gross price received by NY dairy farmers in 2011 was \$21.44 per hundredweight, up \$3.83 or 21.7 percent from the price received in 2010. Gross price includes premiums paid above the federal order minimum blend price.

The average number of milk cows in 2011, at 610,000 head, was down fractionally from a year earlier. This slight decrease in cow numbers was offset by an increase in milk production per cow, which averaged 21,026 pounds. This represents an increase of 219 pounds per cow or 1.0% over 2010. The average number of dairy farms in 2011 was 5,246, down 2.3% from the previous year. The average number of cows per farm was 116.

Some Additional NY and US Dairy Statistics

New York ranks fourth in the nation in total cheese production and first in the production of cottage cheese and cream cheese. In 2011, New York produced 731.9 million pounds of cheese, and 191.4 million pounds of cottage cheese. Yogurt production is experiencing explosive growth, lead by popularity of Greek yogurt. In 2011, New York produced 553.7 million pounds of yogurt, up 184.2 million pounds or 49.9% from 2010. The amount of milk/cream/skim going into yogurt production is approximately 1.2 billion pounds which represents 9% of the state's total milk production.

New York is home to the two leaders in the U.S. Greek yogurt market, Chobani, with a plant in New Berlin, NY and Fage, in Johnstown, NY. Both companies are in midst of expanding their New York plant operations and Chobani is in the process of building a second plant in Idaho. In addition, Alpina Foods, based in Columblia, is currently building its first U.S. yogurt plant in Batavia, NY, scheduled for opening later this summer. Batavia has also been selected by Muller Quaker Dairy, a joint venture between German dairy Theo Muller and PepsiCo, as the location to open a yogurt plant in 2013.

Soft Cheese Study

In conjunction with our NYS Food Laboratory, the division is requesting the lab to run pH on all of the Soft cheeses (excluding Mozzarella) made in NYS when samples are submitted for the routine monthly screening. The issue came to the forefront when during an internal conversation the point regarding a live culture and acidifying agent came about and how some firms are not using either/or but in some cases only rennet to make product. When we reviewed our positive pathogen summary, none of the violative product was from a make process which contained a live culture, therefore calling into question if pH was a factor. To date, there have been six positive pathogens in non cultured cheeses (all were Spanish style cheeses) since the beginning of 2010, which contained the pathogens Staph. aureus and Listeria monocytogenes. FDA currently has one firm under a Consent Decree due to positive environmental swabbing for Listeria monocytogenes.

NY DAIRY STATISTICS

94 Certified Milk Inspectors
48 Grade A Processing Facilities
80 BTU's
5129 Grade A Dairy Farms
126 Wholesale Frozen Dessert Mfgs.
4000 Milk Receivers/Samplers
169 Manufacturing Plants
37 Raw Milk Permits

COMMISSIONER
DOUG GOEHRING



ndda@nd.gov
www.agdepartment.com

**NORTH DAKOTA
DEPARTMENT OF AGRICULTURE**
STATE CAPITOL
600 E BOULEVARD AVE DEPT 602
BISMARCK ND 58505-0020

Annual Report for NADRO

July 15-18, 2012

Wayne Carlson, Director of Dairy Department

North Dakota dairy industry has continued to decline. Producer numbers are down to 132 and cow numbers are around 18,000. We have two major fluid milk plants along with a single producer fluid milk/cheese plant. In addition, we have a USDA butter/ice cream plant.

Our staff consists of two inspectors, one survey officer, one support staff and me. The dairy department also does egg inspections, non-traditional livestock facility inspections and dairy distributor inspections. Grade A dairies are inspected on an average of 3 times a year and manufacturing farm inspections are inspected on an average of two times a year.

The good news in North Dakota is that the state is still experiencing a large surplus in the state's budget. This is due in part to its large oil activity, wind/coal energy activity and a very strong agriculture economy.

Last year at this time we were cleaning up from one of the worst floods in our state's history and this year we are experiencing a moderate drought.

Our state is still committed to expand the dairy industry with our attractive land prices, abundant/cheap feed sources and economic incentives. However, the lower milk and higher feed costs may limit any current expansion.

I would like to thank G.M. Gallaspy and the state of Alabama for the great hospitality they have provided for this meeting.

Grade A Dairy Farms	101
Grade B Farms	32
Grade A Fluid Milk plants	3
Grade B Plants	3
Distributors	213
Samplers/Haulers	94
Licensed Trucks	33

But Oper 1,000,000
To 250,000



Department of
Agriculture

Governor John R. Kasich • Lt. Governor Mary Taylor
Director David T. Daniels

Dairy Division
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-466-5550 • Fax: 614-728-2652
www.agri.ohio.gov • dairy@agri.ohio.gov

Ohio's Dairy Industry 2012 www.agri.ohio.gov/dairy

At our website you can find number of producers by county, licensed haulers, and licensed weigher samplers. One can also find all of our laws, rules and applications needed to become licensed. We license Grade A and Manufacture Grade producers and processors. In addition we license frozen dessert manufactures, milk haulers, weigher, samplers and we have a Dealer Law.

Ohio ranks #11 total milk production. 271,000 cows will produce close to 5.4 billion lbs of milk this year. Ohio is up 4% in milk production over a year ago.

Ohio is the #1 Swiss cheese producing state in the U.S. We have a plant that produces 12% of the total Swiss Cheese in the U.S.

As most states have, we have experienced growth in on-farm, small artisan milk processing. We have on-farms processing cheese, ice cream, yogurt and fluid products. We have numerous goat operations and even 2 sheep producers making cheese. One of our goat cheese manufactures won the Gallo Award a few years ago winning a trip to New York and \$5,000 cash! A recent article in U.S. News and World Report ranked ice cream manufactures and our Jeni's Ice Cream in Columbus was ranked #1. <http://travel.yahoo.com/ideas/america-s-best-ice-cream.html>

Ohio, as is the case with most states, is concerned about the proliferation of raw milk interest. Ohio has been backed into a corner relative to herd shares. We lost a court case at the local level so we are in essence taking a hands-off approach to herd shares.

The Dairy Division of the Ohio Department of Agriculture operates with a budget of \$2.8 million. We have a management staff of 3, overseeing 8 farm inspectors, 5 plant sanitarians, 2 IMS Survey Officers and 2 clerical staff.



Serving Farmers and Protecting Consumers Since 1846





State of Oklahoma
Department of Agriculture, Food, and Forestry

Mary Fallin
Governor

Jim Reese
Secretary of Agriculture

State of Oklahoma Report

The Dairy Program in the state of Oklahoma is regulated by the Oklahoma Department of Agriculture, Food & Forestry under the direction of Jim Reese our Commissioner of Agriculture and Secretary of Agriculture in the Governor's cabinet.

Our program consists of 6 employees, 1 Director, 4 inspectors and 1 sample collector. The program collects universal samples from several sites located across the state and delivers them to our State Central Milk Laboratory located in Oklahoma City at the Department of Agriculture building. We strive to sample all dairies in the state each month and we test all finished product produced in the state each month.

There are 212 dairies in Oklahoma down from 721 in 2007.

Year	State	Milk Cows (Average)	Milk Produced per Cow (lbs)	Production (pounds)
2010	Oklahoma	56,000	17,125	959,000,000
2011	Oklahoma	53,000	17,491	927,000,000

- In 2010, we have \$171 million in cash receipts for Oklahoma producers for milk production alone - 959 million pounds of milk marketed
- National rank {Oklahoma ranks 29th in the U.S. for Milk Production}
- Milk Production ranks 8th in Oklahoma in terms of "Value of Production" for ag commodities and Dairy Products (including milk) ranks 5th in Oklahoma in terms of "Cash Receipts" for ag commodities.
- Largest Dairy in Oklahoma
Braums Dairy is Oklahoma's largest dairy in Tuttle, OK with a herd size of 11,800. Followed by Vanderlaan Dairy in Frederick, OK with a herd size of 3300. Lost Trail #1 in Boise City, OK with 2600 and Lost Trail #2 in Boise City, OK with 2500. Lomah Dairy in Davidson, OK with 2200. These are our largest dairies in Oklahoma.

Smallest dairy in Oklahoma
Double S Dairy in Watts, OK with 3 cows followed by Earl Bevelhymer Dairy in Wewoka, OK with 10 cows.

Oklahoma has the following cooperatives working within the state:

Arkansas Dairy Cooperative Association
Central Equity Co-op
Dairy Farmers of America, Inc.
Dairy Marketing Services
Lone Star Milk Producers
Select Milk Producers

Oklahoma has the following processors:

Blue Bell Creameries, Inc.
Broken Arrow, OK
Borden Dairy
Tulsa, OK
Braums Milk & Ice Cream Company
Tuttle, OK
Christian Cheese
Kingfisher, OK
Federal Correctional Institute
El Reno, OK
Hardesty Cheese
Hardesty, OK
Hiland Dairy
Chandler, OK
Hiland Dairy
Norman, OK
Jackie Brannon Correction Center (State Maximum Security Prison)
McAlester, OK
Johnnie's Charcoal Broiler, Inc.
Oklahoma City, OK
K S & A Orchards
Comanche, OK
Langston University Pilot Creamery (Goats)
Langston, OK
Lomah
Wyandotte, OK
Lovera Cheese Company
Krebs, OK
Milnot Company
Oklahoma/Missouri Border
Seneca, MO (milk receiving station is in Oklahoma)
Pure Prairie Creamery LLC (Goats)
Ada, OK
Sunny Meadows Dairy and Food, Inc.
Oklahoma City, OK
Swan Brothers Dairy, Inc.
Claremore, OK
Wagon Creek Creamery
Helena, OK

Oregon Report 2012

Vance Bybee, PhD • Program Director • Food and Animal Health

Industry Numbers

276 Grade A producers
17 BTUs
16 IMS listed plants
42 non-IMS listed plants

3 single-service facilities
160 milk tankers
120 permitted milk haulers

Dairy Program Staff

The Food and Animal Health Program has 33 field staff (32 are REHS)

- 3 perform pasteurizer equipment checks (22 tests / month)
- 13 conduct dairy sampling (140 / month)
- 12 conduct farm inspections (47 / month)
- 5 inspect dairy plants (20 / month)

★ Dairy sampling and inspection assignments are in addition to the inspectors' other regular assigned duties, such as, manufacturing and retail food inspections, FDA inspections, licensing consultations, and plan reviews.

Funding

The dairy program is funded with 28% General Fund dollars and 72% Other Funds (fees). (Dairy industry license fees do not generate sufficient funds to support the Dairy Program; for that reason, the retail industry has agreed to subsidize the dairy program with a portion of its license fees.)

2012 Dairy License Fee Schedule

	0 - 5K	>5K - 50K	>50K - 500K	>500K - 1M	>1M - 5M	>5M - 10M	>10M
Most License Types	\$135	\$135	\$189	\$325	\$487	\$649	\$812
Fraz Dessert Manuf	\$60	\$60	\$60	\$60	\$60	\$60	\$60
Milk Hauler	\$25	\$25	\$25	\$25	\$25	\$25	\$25

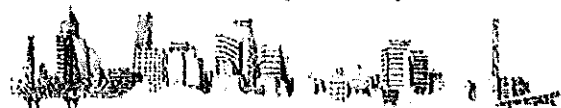
Regulatory Changes in 2012

On July 1, 2012, the somatic cell count was lowered from 750,000 to 500,000 for cows and sheep, at the request of industry. Conversely, the SCC was increased to 1,500,000 for goats to be consistent with the PMO.

Raw Milk Update



Permitted: 3 cows/2 lactating or 9 sheep or goats; on-farm sales only; no advertising Loophole: "Condo Cows"
E. coli O157:H7 outbreak at an organic "condo cow" dairy in April
40 families in "condo cow" co-op
14 hospitalized—4 resulted in complete kidney failure



Early Reminder: Oregon will host the 2015 NCIMS Conference in Portland. We look forward to welcoming you to the Rose City!



SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

DIVISION OF AGRICULTURAL SERVICES

523 East Capitol Avenue

Pierre, SD 57501

Phone: 605-773-3724 / Fax: 605-773-3481

http://sdda.sd.gov/Ag_Services

South Dakota

Report to NADRO

Orange Beach, AL

July 10, 2012

This past year has been very good for the Dairy Industry in South Dakota. Last fall, the dedication for the new Dairy Plant & Research Center at South Dakota State University in Brookings, was held in October. This was a 9.5 million dollar project with all the money donated by the Dairy Industry for the construction of the facility. Also, all the equipment is either donated or will be purchased with donated money from the Dairy Industry in the Midwest.

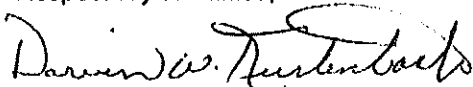
February 1, 2012 Bell Brands selected Brookings, South Dakota as the site for its third U.S. Cheese Manufacturing Plant. Construction on the 170,000 square-foot cheese production plant started July 1, 2012. The first phase will initially employ 200 people and have an employment total of 365 to 400 employees' within 2 ½ to 3 years after the plant opens in 2013. The first phase is scheduled to process 1 million pounds of milk daily into a Mini Babybell line of semi-soft snack cheeses. Phase two, when completed will require an additional 1 million pounds of milk for processing.

Total milk production increased by 5.3% last year. This increase was due to a 4.4% increase in cow numbers and an increase in milk production per cow. Also, there was an abundance of grain and forage in the State this past year. Currently some of the areas within the State are experiencing some drought conditions. Alfalfa hay is selling for over \$200 per ton and corn is about \$7/bushel at the local elevator. If these drought conditions continue it will definitely affect the dairyman's profits this next year.

Last year, 29 South Dakota dairy farms left the industry, as compared to 25 farms that left South Dakota's dairy industry in 2011. The South Dakota Department of Agriculture (SDDA) Division of Ag Development continues to work with new, larger dairies entering the State and expansion projects of our current licensed dairy farms. With the construction of the new cheese plant, the State will need an increase in cow numbers to provide milk for all the plants.

It has been a pleasure working with NADRO and the rest of the States again this past year. Also, the SDDA Staff would like to thank everyone who attended the Conference in Rapid City last year and hope you all enjoyed your stay in our State. It was a pleasure hosting this Conference. If the SDDA Dairy Staff can be of any assistance to any of you, please feel free to contact our office at (605)-773-4294.

Respectfully submitted,


Darwin W. Kurtenbach

July 10, 2012

SOUTH DAKOTA

FY 2012 STATISTICS

<u>Total Farms:</u>	Grade "A"	275
	Manufacturing	45
<u>Inspections:</u>	Plant/Rec/Transfer Station	66
	Grade "A" Farms	722
	Manufacturing Grade	63
	Pasteurization Equipment	55
	HTST Resealing	27
	Bulk Milk Haulers/Trucks	95/166
	Milk Products Tested	1631
<u>Plants</u>	Grade "A" Fluid	2
	Manufacturing Grade Cheese	7
	Manufacturing Grade Drying	6
	Receiving /Transfer Stations	6
	Single Service Fabricating	1
	Cheese Cutting and wrapping	4
	Ice Cream Plants	5
	IMS Surveys/Resurveys	22/5
	Check Ratings	4
	Powder Blending	1
<u>Licensed Sanitarians: (Fieldman)</u>		24
<u>Interstate Milk Shippers Listings:</u>		30



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of Agriculture and Food

LEONARD M. BLACKHAM
Commissioner

KYLE R. STEPHENS
Deputy Commissioner

KATHLEEN CLARKE
Deputy Commissioner

RICHARD W. CLARK
Director, Regulatory Services

NADRO

National Association of Dairy Regulatory Officials

54TH Annual Conference

Island House Hotel

Orange Beach, Alabama

July 14 – 18, 2012

UTAH DEPARTMENT OF AGRICULTURE AND FOOD
DIVISION OF REGULATORY SERVICES
DAIRY COMPLIANCE PROGRAM
2011 ANNUAL REPORT

Utah's dairy farm numbers have dropped about 100 farms since 2005 but the number of dairy cows in the State has climbed up to the 2005 number, 88,000 cows. This is due to the increase in herd size, from an average of 255 cows per dairy in 2005 to 367 cows per dairy in 2011. There was an increase in dairy farm numbers in 2011, because of new little farmstead cheese operations that started up last year, bringing the total of farmstead cheese facilities in Utah to 15.

The new European Union (EU) Somatic Cell Certification Requirements (3 month rolling geometric mean of less than 400,000 SCC per dairy), went into effect January 1, 2012, and the Utah Department of Agriculture and Food, Dairy Program, did a statistical analysis (see Table 1) to see how Utah's dairy farms would be impacted if all wanted to export to the EU. One of Utah's Co op's that has approximately 41% of the dairy producers in it has already received certification to sell to the EU based on the first quarter geometric mean of each of their producers.

The first three months of 2012, January, February, and March, Somatic Cell Rolling Average for all dairies in the two major CO-OPs in the State of Utah is in the following table:

SOMATIC CELL STATISTICS

Table 1

CO-OP	Arithmetic Mean	Standard Deviation	Geometric Mean
ABC	203,743	118,015	177,909
XYZ	192,608	111,307	169,737

Utah is participating in the FDA Extended Drug Residue testing program although not by much. Three dairy drew out to be tested but two of them are out of business so that leaves only one to participate.



Food Safety & Consumer Protection Div
Dairy Section
116 State Street
Montpelier, VT 05620-2901
www.VermontAgriculture.com

Phone: 802-828-2433
Fax: 802-828-5983

Agency of Agriculture Food & Markets

Vermont Report to NAIDRO for 2012

By Dan Scruton, Dairy Section Programs Chief

Vermont's dairy industry remains strong in spite of the economic challenges facing our farming community. The dairy staff consists of 4 farm inspectors, 2 plant inspectors, a milk quality specialist, an administrative assistant and myself with one farm inspector spending about 20% of their time on plant inspections.

The total number of dairy farms in July of 2011 was 1025 and in July of 2012 we are at 1014. Of the 1025 dairy farms; 982 are farms milking cattle, 26 are milking goats and 6 are milking sheep. We have done 2,469 farm inspections in the last year.

The processing side of the equation has been exciting with the economic drivers combined with an aggressive buy local marketing movement encouraging the development of a large number of new processing facilities. We did 239 plant inspections on 79 processing facilities. Eleven new processors have come on line since July 1 of last year and there are numerous potential plants showing significant interest. They range in size from farmstead operations with a few cows to yogurt and cheese operations that are taking multiple trailer loads of milk per day. About one half of our processing facilities are processing less than 500 pounds of milk per day. The legislature recognized these trends and approved an additional plant inspector to be starting soon.

Data record keeping issues continue to dominate our logistical concerns as the server we have our old database on has been temperamental and on some days has not worked at all. We have decided to go to Winwam for our inspection needs and are issuing tablet PC's to the inspection force. USA Herds has been selected to track counts and licensing needs. We hope to have the system running by mid 2013.

While the dairy industry is changing, I see a bright future for dairy farms that adapt to the changing markets while maintaining modern practices with the traditional hard work and diligence that has served the dairy industry so well for the past century.





Matthew J. Lohr
Commissioner

COMMONWEALTH of VIRGINIA

Department of Agriculture and Consumer Services
Division of Animal and Food Industry Services

Office of Dairy & Foods

PO Box 1163, Richmond, Virginia 23218

Phone: 800/552-9963 or 804/786-8899 • Fax: 804/371-7792 • Hearing Impaired: 800/828-1120
www.vdaacs.virginia.gov

Virginia State Report
National Association of Dairy Regulatory Officials
54th Annual Meeting
Island House Hotel – Orange beach, Alabama

As of June 30, 2012, there were 665 Grade "A" dairy farms operating in Virginia as compared to 682 last year at this time. The total number of manufacturing milk farms on June 30, 2012 remained unchanged at nine. All of our manufacturing grade dairy farms are associated with farmstead cheese production.

Dairy Services continues to be part of the Office of Dairy and Foods in the Division of Animal and Food Industry Services. The Dairy Services Program consists of one program supervisor, one program support technician, one regional manager, and 10 dairy inspectors. The Dairy Services program continues to perform all grade "A" farm inspections at a frequency of two times per year and collection of all required milk samples. The Dairy Services Program budget is 100% general funded.

Our small-scale farmstead cheese industry is continuing to grow. Virginia now has twenty-five small scale cheese makers. Eleven of these cheese makers are using cow's milk; ten are using goat's milk, and one is using sheep's milk. We also have three commercial cheese plants in Virginia. One is a maker of cheese spreads (Miss. Bonnie's), another is a processor of smoked cheeses and (Spreco Creamery) and the third makes cheese balls.

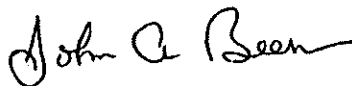
We also inspect 19 small ice cream and frozen desserts plants operating in Virginia.

Raw milk and uninspected homemade cheeses are continuing to be illegally offered for sale in Virginia at farmers markets and off the farm. There are a number of people advertising cow or goat shares also. The growing demand for these raw milk products and premium prices customers are willing to pay is enticing individuals to provide this products without checking on the regulatory requirements.

Statistical Information

Number of:	FY 06/07	FY 07/08	FY 08/09	FY 09/10	FY 10/11	FY 11/12
Full Time Insp. Positions	15	14	11	11	13	13
Grade A Dairy Farms	739	720	708	693	682	665
Grade A Farm Inspections	2002	1903	1820	1723	1592	1,763
Mfg. Milk Plants	15	21	22	26	28	28
Frozen Desserts Plants	84	85	77	79	80	80
Retail Dip Shop Inspections	373	315	259	288	283	366
Grade A Milk Samples	9173	8257	8441	8528	7793	7,982
Tank Truck Samples	159	182	176	183	123	250
Farm Water Supply Samples	598	513	392	468	400	367

Respectively Submitted,



John A. Beers
Program Supervisor
Office of Dairy and Foods



Wyoming
DEPARTMENT OF Agriculture

Matthew H. Mead, Governor
Jason Fearneyhough, Director
2219 Carey Ave. • Cheyenne, WY 82002
Phone: (307) 777-7321 • Fax: (307) 777-6545
Web: agriculture.wy.gov • Email: wda1@state.wy.gov

The Wyoming Department of Agriculture is dedicated to the promotion and enhancement of Wyoming's agriculture, natural resources and quality of life.

WYOMING STATE REPORT
NADRO
ORANGE BEACH, ALABAMA
JULY 14 – 18, 2012

Wyoming dairy numbers are continuing to go down. There are a total of 14 dairies, of those 6 are Grade A and 8 manufacturing producers. Two of the Grade A are organic certified and the milk is shipped to Colorado for processing.

Currently the Wyoming Food Rule is being updated and is out for public comment.

There was a statement added that a sole owner of dairy animal may provide milk to their family, non-paying guests and employees. This caused some issues with raw milk advocates. There have been 3 public meetings in Wyoming with a lot of emotion at the meetings. It appears that during the legislative session in 2013 there will be a raw milk bill introduced. The Dept. of Agriculture prefers that this issue go to the legislature rather than by rule from the department to allow the sale of raw milk or animal shares to the final consumer.

Wyoming is also going through a drought, 22 of the 23 counties has been submitted by Governor Mead to the U.S. Secretary of Agriculture Vilsack for drought assists.

Respectfully Submitted
Dru Haderlie
Inspection Specialist II
Consumer Health Services

Equal Opportunity In Employment and Services
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National Association of Dairy Regulatory Officials

54th Annual Meeting

July 14 – 18, 2012

**Island House Hotel
Orange Beach, Alabama**

2012 Sponsors

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IDFA	Cary Frye	1250 H. St, NW Suite 900 Washington, DC 20005	202-220-3543	cfrye@idfa.org
Williams Dairy & Trucking	Ricky Williams	4019 Red Oak Road Baxley, GA 31513	912-367-9160	williamsdairy@bellsouth.net

**National Association of Dairy Regulatory Officials (NADRO)
53rd Annual Meeting**

Frequently Asked Questions (FAQs)

New Name, Same Mission: *Protecting public health and promoting regulatory uniformity and efficiency in the dairy industry.*

For 50 years, the Dairy Division of the National Association of State Departments of Agriculture has worked diligently to address concerns of the dairy industry and to make recommendations to relevant federal agencies and national organization. However, our organization recognized that each state's dairy regulatory structure can be unique. Many states have dairy regulatory units administered within departments of agriculture, others in departments of health. Furthermore, in other states, dairy regulators reside in specialized units or may be housed in multiple state agencies, sharing responsibilities within the state. Due to these diverse arrangements, we embarked on establishing a new name for our organization to more clearly identify our members and our goals. In December 2008, we became officially known as the *National Association of Dairy Regulatory Officials*.

The questions and answers below provide more information about our organization and our name change.

Q: Why did DDNASDA pursue a name change?

A: The driving force behind the name change was the desire to have a name to more clearly identify our organization's goals and to be more inclusive of the diverse dairy regulatory agencies across the US. While DDNASDA meetings have regularly been attended by representatives from departments of agriculture, health and other agencies; the name seemed to convey exclusiveness to only departments of agriculture. Our new name is intended to be inviting to the breadth of dairy regulatory agencies across the US.

Q: How did the organization reach a decision on the name change?

A: A committee was formed in 2007 to consider possible names. The committee made a recommendation at our July 2008 meeting. Per our Constitution and By Laws, the appropriate changes were communicated to our membership and the document revisions were unanimously approved during special December 5, 2008 conference call meeting.

Q: What are the rights and privileges of NADRO member states?

A: Each member state is provided one vote on questions brought before the members at our annual or special meetings. Members may also bring up items of business for discussion at meetings. This is particularly important when a member state desires to make recommendations to federal agencies or national organizations.

Q: What if a state has multiple agencies involved in dairy regulatory matters? Who is assigned to vote at NADRO meetings?

A: Each member state has one vote. Per the Constitution, a delegate designation form is submitted to NADRO prior to the annual meeting. The form provides for specification of one delegate and an alternate. Each state should determine these representatives prior to submitting these forms.

Q: What is the relationship between NADRO and the NCIMS?

A: Many NADRO members are also delegates and participants in the NCIMS, however, these organizations should not be confused. The NCIMS convenes biannually in odd years to discuss items relevant to the Pasteurized Milk Ordinance (PMO) and supporting documents. While the PMO is regularly discussed at NADRO meetings, our meetings tend to have a broader context. NADRO meetings also tend to be smaller and conducted in a less formal manner.

Q: Who attends NADRO meetings?

A: NADRO meetings are attended by a wide range of professionals involved with the dairy industry. As stated above, each member state is provided with one vote, however, a number of state agencies regularly send multiple representatives to the annual meeting. Federal agency and industry representatives for producers, processors and allied industries are also regular participants at the annual meeting.

A: What is the normal composition of the NADRO meeting program?

NADRO meetings are conducted in a relaxed manner and provide many networking opportunities for representative to become better acquainted with colleagues from across the US. A member of each state in attendance is provided the opportunity to brief the audience on news regarding their home state's dairy industry. The formal program regularly includes speakers from FDA, USDA, National Milk Producers Federation, International Dairy Foods Association and groups such as the American Dairy Products Association. Additionally, the host state typically arranges for speakers to address topics relevant to their state's or region's dairy industry. These speakers are often industry and university leaders from the area.

Also, each meeting typically includes a brief tour of a unique aspect of the host state's agriculture. A banquet is scheduled on the last evening of the meeting. Each attendee brings a gift to the banquet representative of their home state or organization. At the conclusion of banquet, gifts are exchanged among attendees. The banquet provides a nice opportunity for fun and camaraderie.

Q: How can I find out more about NADRO?

A: Please feel free to contact any of our current officers about NADRO. Their contact information can be found in the registrant section of this report.