



DEPARTMENT of AGRICULTURE
STATE OF MISSOURI

JEFFERSON CITY

*Serving, promoting and protecting the agricultural producers, processors
and consumers of Missouri's food, fuel and fiber products.*

MATT BLUNT
GOVERNOR

KATIE J. SMITH
DIRECTOR

September 2, 2008

Doreen Hannes
11880 Hillside Rd.
Mountain Grove, MO 65711

Dear Ms. Hannes,

Enclosed you will find the additional documents requested July 17, 2008 under the Sunshine Law, Chapter 610, Revised Statutes of Missouri. Please let me know if you have questions.

I can be reached at (573) 751-8596 or Misti.Preston@mda.mo.gov.

Sincerely,.

A handwritten signature in blue ink that reads "Misti Preston".

Misti Preston
Public Information Administrator

Missouri
FY 2008 NAIS Implementation Cooperative Agreement Work Plan
to Advance Animal Disease Traceability

Plan Administrator: Dr. Taylor Woods, Acting State Veterinarian
Name: Missouri Dept of Agriculture
Address: PO Box 630, 1616 Missouri Blvd
City, State, Zip: Jefferson City, MO 65102
Office Phone: 573-751-3377
Cell Phone: 573-690-2831
Fax: 573-526-0745
Email: Taylor.Woods@mda.mo.gov

These funds may only be used to implement and accelerate the process of premises registration and other activities that are, in the opinion of the AVIC and Regional Directors, aligned with the strategies defined in the NAIS business plan (November 2007) to advance animal disease traceability. Special field trials, demonstration projects, or research projects which attempt to address problems or questions about NAIS implementation must be funded through a separate application to an announcement specific for that funding.

Signature of Plan Administrator: Taylor Woods, Dr.

Date: 7-15-08

Overview of NAIS Implementation Accomplishments by Funding Year to Date

- CCC Funds in FY2004 – 04 9100 0919
 - \$433,064.00 Obligated
 - \$270,260.75 Expenditures
 - \$162,803.25 De-obligated
 - Accomplishments:
 - Staff in place
 - Website and print materials developed
 - Demo equipment purchased
 - Portable and Stationary readers
 - Electronic Tags
- FY2005 – 05 9729 1423
 - \$561,000.00 Obligated
 - \$496,972.85 Expenditures
 - \$64,027.15 De-obligated
 - Accomplishments

1 _____
RCAMS approved work plan printed 6/5/2008
Reviewed 06/05/2008 by Honstead, John

AVIC print and sign name here ==>

John Honstead

John

- Continue with premises registration
 - Staff in place
 - Outreach campaign
- FY2006 – 06 9729 1423
 - \$237,000.00 Obligated
 - \$72,931.35 Expenditures
 - \$164,068.65 De-obligated
 - Accomplishments
 - Staff in place
 - Mass mailing
 - Premises promotion through radio ads
 - Issues:
 - Missouri Legislature restricted the use of funds toward the end of the cooperative agreement period.
- FY2007 – 06 9729 1423
 - \$514,800.00 Obligated
 - \$ 0.00 Expenditures
 - \$514,800.00 De-obligated
 - Accomplishments:
 - Issues:
 - Missouri Legislature restricted the use of funds.

NAIS Outreach Plan

Preface to work plan and budget: The department worked with industry partners, on legislation and action that kept Missouri from prohibiting NAIS in any form. Legislation passed allowing for only a voluntary system.

Stakeholder Participation

Stakeholder participation will involve consultation, outreach assistance, and project assistance.

1. Producer/processor/marketing organizations involved include American Industry Association, Livestock Marketing Association, Missouri Deer Breeders, Missouri Elk Breeders, Missouri Meat Processors Association, Missouri Cattlemen's Association, Missouri Dairy Association, Missouri Pork Producers, Missouri Sheep Producers, Missouri Livestock Marketing Association, Missouri Equine Council, Missouri Farm Bureau and the Poultry Federation. Outreach will be done through these organizations, as several are engaged in promoting premises registration through their conferences, county meetings and websites. Many of these also have resolutions that support a voluntary premises registration program. These organizations reach a high percentage of producers in the state.

2. Academia and Extension involvement will include Adult Agriculture Educators, Lincoln University Small and Minority Farms, and the University of Missouri Outreach and Extension.
3. Service providers include feed companies, veterinarian clinics, farm supply companies, tag vendors. The acting state veterinarian in conjunction with the Federal AVIC will work with the Missouri Veterinary Medical Association in educating and promoting premises registration to practicing veterinarians. These activities will include e-mail reminders, letters and attendance at regional and statewide conferences and meetings.

4. Missouri Animal Identification Committee following:

Sal	Last Name	Last Name	Title	Company	Address	City & State	ZIP	Telephone & E-Mail
Dr.	Taylor	Woods	Assistant State Veterinarian	Missouri Dept of Agriculture	1616 Missouri Blvd	Jefferson Ci MO	65102	(573) 751-5610 Taylor.woods@mda.mo.gov
Mr.	Dan	Cassidy	Chief Administrative Officer	Missouri Farm Bureau	P.O. Box 658	Jefferson Ci MO	65102	(573) 893-1405 Dcassidy@mofb.com
Mr.	Don	Nikodim	Executive Vice President	Missouri Pork Association	6235 West Cunningham Dr.	Columbia, MO	65201	(573) 445-8375 don@mppa.net
Mr.	Jeff	Petree	Vice President	Missouri Equine Council, Inc.	1520 Ebenezer Rd.	Leslie, MO	63056	573-819-0240 Jeff_petree@cargill.com
Mr.	Brent	Bryant	Executive Vice President	Missouri Cattlemen Association	2306 Bluff Creek Drive, Suite 100	Columbia, MO	65201	(573) 499-9162 Brent@mocattle.com
Dr.	Kent	Haden	Director of Livestock Operations	MFA, Inc.	201 Ray Young Drive	Columbia, MO	65201	(573) 876-5489 khaden@mfa-inc.com
Dr.	David	Hopson	Area Vet In Charge	USDA	P.O. Box 1044	Jefferson Ci MO	65110	(573) 636-3116 David.e.hopson@aphis.usda
Mr.	Doug	Gehring	Executive Director	Missouri Sheep Producers Inc.	1371 Dozier Station Rd.	Columbia, MO	65202	(573) 886-9417 Dougkg@earthlink.net
Mr.	Dave	Drennar	Executive Director	Missouri Dairy Association	1954 Sumter Ridge Court	Chesterfield	63017	(636) 519-9300 Dairystl@aol.com
Mr.	John	Bryan	Executive Director	Poultry Federation	225 East Capitol Avenue	Jefferson Ci MO	65101	(573) 761-5610 poultry@socket.net
Mr.	Dale	Postma	Producer		1881 W. Blue Springs Rd	Nixa, MO 65714		(417) 725-4236
Dr.	Rex	Ricketts	Commercial Agriculture	University of Missouri	S-102A ASRC	Columbia, MO	65211	(573) 882-4553 Rickettsr@missouri.edu
Mr.	Mark	Sullivan	Secretary/ Treasurer	Missouri Livestock Marketing Assoc	10510 NW Ambassador Drive	Kansas City MO	64153	(816) 891-0502 msullivan@lmaweb.com
Mr.	Kelly	Smith	Director of Marketing & Commodities	Missouri Farm Bureau	P.O. Box 658	Jefferson Ci MO	65102	(573) 893-1416 Kesmith@mofb.com
Mr.	Richard	Antweil	Executive Director	Missouri Veterin	2500 Country	Jefferson Ci	65109	(573) 636-8612

				Medical Association	Club Drive	MO		
Ms.	Rose	Foster	Poultry Health Program Coordinator	Missouri Dept of Agriculture Laboratory	216 El Mercado Plaza	Jefferson Ci MO	65109	rantweiler@mvma.us (573) 522-3377
Mr.	Michael	Muenks	Producer, Exhibition Poultry	DESE		Jefferson Ci MO		Rose.foster@mda.mo.gov (573) 751-4267
Ms.	Sharon	Mehler	Producer		5756 Newton	Odessa, MO 64076		

Schedule of MAIP Advisory Committee Meetings

Friday	January 14, 2008	Missouri Dept of Agriculture
Friday	March 14, 2008	Missouri Dept of Agriculture
Friday	September 12, 2008	Missouri Dept of Agriculture
Friday	December 12, 2008	Missouri Dept of Agriculture

The committee is charged with assisting in the development and giving recommendations to the Missouri Department of Agriculture in relation to implementing a National Animal Identification System. Committee members may assist in educating producers in the use of components of a system in relation to voluntary use as well as use in animal disease programs. They will also be instrumental in providing feedback to the department with producer and industry concerns and how to address those concerns and issues.

The Missouri Department of Agriculture website includes dedicated pages for the MAIP. Producers are able to find resources and links in relation to the plan. On-line premises registration is also offered from this website.

MDA will also continue to be involved in national meetings and input as needed throughout the cooperative agreement period. Funds for supplies, travel, which includes regional and national meetings, phone, mileage and other day to day expenses, are outlined in the budget.

Constraints to NAIS Implementation

The department is applying for FY 2008 funds and will continue to work with the legislature to gain additional support for the program. Legislation passed and is being sent to the governor's office for signature that restricts the department from mandating or otherwise forcing NAIS premises registration in Missouri unless the Missouri General Assembly authorizes it. Missouri will not be able to mandate premises registration for disease control or monitoring programs under this legislation.

Reducing the Traceability Risk of Insufficient NAIS Premises Identification

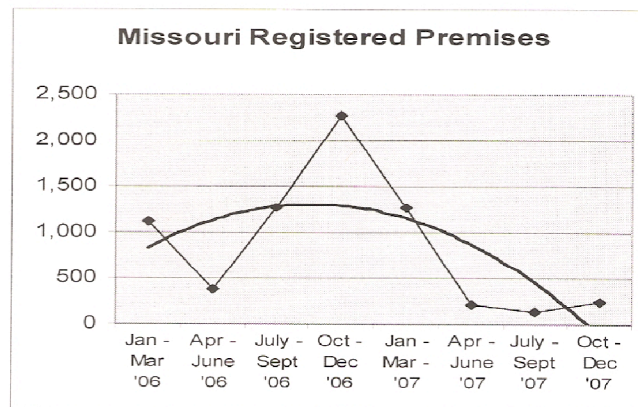
The structure is in place to continue registering premises as done before. Staff is assigned to enter premises manually as well as assist producer with on-line registration. The Missouri Department of Agriculture hosts a website with a premises registration page

which allows registrations on-line. All accounts can be updated by the producer from this page. All new accounts can be created from the same login. The MDA will continue to maintain this page. With the funding MDA will be able to send a postcard to registered participants asking for any updated information that has changed since the premises was first registered. MDA does not plan on using any incentives for the promotion of premises registration.

With these funds, MDA will continue to promote premises registration through outreach with the partners and at select producer and industry meetings. MDA also continues to enter premises registrations sent to MDA by cooperators that have agreements with USDA. MDA also sends in the monthly report to USDA on the number of new premises registered in relation to the efforts of these partners. Although the department registered a total of 14,011, the charts below show the number of premises registered during the period of January through December 2006, and January through December 2007.

	Jan – Mar	Apr – June	July- Sept	Oct – Dec.	Total
FY 2006	1,111	378	1,259	2,268	5,016
FY 2007	1,264	206	140	240	1,850

The trendline in the chart depicts the increases in registrations in 2006 and also the regression resulting from the restrictions placed on the use of funds toward the end of 2006. Although all outreach efforts ceased beginning with the last quarter of 2006, registrations continued into the first quarter of 2007 before the number dropped.



The department will continue to offer access to on-line premises registration and to accept and process registration forms received from industry partners. The budget also allows funding for a web design update as well as the printing of promotional material and registration forms.

Premises update information can be done online as mentioned previously. Department staff notifies those registered to keep the account current. Each registered contact receives a letter confirming the registration and advising them to maintain the account with the current information.

Measuring Traceability for Prioritized Species

Table 1: Premises Identification Goals for Achieving PIN Critical Mass by December 2009

Primary Species at Premises	Estimated # of Total Premises	# of Premises with PIN as of 12/1/07	Total Premises Registration Goal for 12/31/08	Total Premises Registration Goal for 12/31/09	Estimated # of Premises with ≥70% of Animals	Critical Mass Premises Registration Goal for 12/31/08	Critical Mass Premises Identification Goal for 12/31/09
Tier 1							
Beef Cattle*	64,000	12,533	19,000	25,000	23,976	8,000	16,000
Dairy Cattle*	4,000						
Chickens**	615	869	700	869	800	750	800
Turkeys**	300	196	250	300	300	250	300
Swine	3,000	1,320	2,000	2,500	706	706	706
Sheep	2,000	576	800	1,000	800	400	560
Goats	2,200	779	900	1,100	1,500	1,000	1,200
Equine***	30,000	2,583	3,000	3,500	25,000	5,000	7,500
Tier 2****							

Table 2: Premises Identification Goals for Achieving PINs for Critical Location Points by December 2008 and 2009

Type of Location	Estimated Number	Business Plan Goal	# Possessing PIN as of 12/1/07	Projected Goal for Possessing PIN as of 12/31/08
Exhibition and Sporting Venues	200	>90% by September 2009	155	180
Import/Export Facilities	1	100% <i>See individual target dates in Business Plan</i>	0	1
★ Markets & Dealers	390	70% by October 2009	56	150
Harvest facilities (Federal)	50	100% by July 2009	16	35
Harvest Facilities (State)	14	>90% by January 2009	10	14
Semen Collection and Embryo Transfer Facilities	5	100% by January 2009	2	5
Veterinary Clinics	1000	>90% by October 2008	94	900
Licensed Food Waste Swine Feeding Operations	1	100% by October 2008	0	1
Veterinary Diagnostic Laboratories	5	100% by October 2008	2	5
Renderers	2	100% by July 2009	2	2
Appropriate University or Government Research Facilities	15	100% by January 2009	10	15

**Table 3: Animal Identification Goals for Achieving USDA Official Identification
Critical Mass by December 2009**

Primary Species at Premises	Estimated # of Animals	Critical Mass Estimate (≥70%) of Animals	Estimated # of Animals Officially ID'ed as of 12/1/07	Estimated # of Animals Officially ID'ed to a Birth Premises as of 12/1/07	Goal for # of Animals Officially ID'ed by 12/31/08	Goal for # of Animals Officially ID'ed to a Birth Premises by 12/31/08	Goal for # of Animals Officially ID'ed by 12/31/09	Goal for # of Animals Officially ID'ed to a Birth Premises by 12/31/09
Tier 1								
Beef Cattle*	4,460,495	3,800,000	700,000	100,000	1,000,000	150,000	1,250,000	250,000
Dairy Cattle*								
Chickens**	102,781,102	71,000,000	N/A	N/A	N/A	N/A	N/A	N/A
Turkeys**	7,193,751	4,900,000	N/A	N/A	N/A	N/A	N/A	N/A
Swine***	9,288,986	6,300,000	N/A	N/A	N/A	N/A	N/A	N/A
Sheep	76,015	52,000	10,000	10,000	15,000	15,000	20,000	20,000
Goats	100,000	70,000	5,000	5,000	7,000	7,000	10,000	10,000
Equine****	30,000	21,000	1,000	1,000	2,000	2,000	2,500	2,500
Tier 2*****								

Strategy #1: Prioritize Species/Sectors

Missouri is still first point testing at all livestock markets. These cattle are officially identified with an official tag. Missouri is currently identifying 700,000 head annually. This remains a prioritized species. Missouri is currently streamlining this process in the markets to collect this data electronically. We are testing the use of RFID tags in this process and uploading this information electronically into the Generic Database. The majority of poultry and swine operations are contract growers. These operations already have traceability processes in place. *- Another CA?*

Strategy #2: Harmonize Animal Identification Systems

As stated in Strategy #1, Missouri is currently introducing the use of RFID technology into the Brucellosis testing program at the livestock markets. This also includes the use in dairy cattle that are marketed through some of these livestock markets. The installation of RFID readers and the use of electronic tags will increase the traceability capability that we currently have. This includes the capturing of this data electronically. Swine move in group lots in Missouri with the exception of cull sows and boars. If in some instances the need would arise, RFIDs could be placed in sows and boars. The budget includes a request for the purchase of official RFID tags from the USDA warehouse to be used in the process. The data captured through the markets will be available for download into the Generic Database (GDB). This process is currently being worked on between the software programmer and USDA in Fort Collins. This will aid in the harmonization of the Animal Identification System.

Strategy #3: Standardize Data Elements of Disease Programs to Ensure Compatibility

The streamlining project Missouri is currently utilizing and is in the process of putting in place, fits nicely into this strategy. Several livestock markets now have the capability to capture RFID tag numbers and traditional metal tag numbers electronically and transmit

that electronically to the state and the state federal office. This will continue through out the agreement period. The proposed tag purchase will be for electronic tags. The MDA is providing the hardware and software for the livestock markets under their streamlining project. The tags will be used in place of the Brucellosis silver test tag and will be placed in bovine that will be returning to the farm as replacement females and bulls.

Strategy #4: Integrate automated Data Capture Technologies with Disease Programs

The market streamlining project currently involves the placing of computers and readers to capture data at the livestock markets. This is for the Brucellosis surveillance program. The state of Missouri is currently funding this endeavor.

Strategy #5: Partner with States, Tribes, and Territories

The advisory committee includes two representatives from Lincoln University. Lincoln University is an 1890 Land Grant University. They serve a large majority of small and minority farmers in the state. Outreach and education to this population will be coordinated through the committee representatives from this University. The committee and state treats all entities the same. There are currently no tribes to serve in Missouri

Strategy #6: Collaborate with Industry

The Department of Agriculture will continue to involve industry in the development and voluntary implementation of the plan. The collective industry partners have been very helpful in legislative issues. The department will provide quarterly reports as needed and any other reports that are requested. MDA will participate in numerous meeting through out the agreement period. These will include meetings such as county cattlemen's, county Farm Bureau, accredited veterinarian meetings as well as the annual conferences of these organizations. MDA will continue dialog with the Livestock Marketing Association of Missouri and engage with the local livestock market owners. It is difficult to convey the actual date and times of these types of meetings, due to the nature of the organizations. There is no set time for these so MDA will report the dates in the quarterly reports.

Performance Measures and Outcomes

Table 5: Animal Disease Traceability Performance Measures and Outcomes

Species at Premises	% Improvement in # Premises Registered with $\geq 70\%$ of animals	% Improvement in # Critical Location Point Premises Registered	% Improvement in # Animals Officially ID'ed	% Improvement in # Animals Officially ID'ed to the Birth Premises
Tier 1				
Beef Cattle*	10	10	10	10
Dairy Cattle*	10	10	10	10
Chickens**	10	10	N/A	N/A
Turkeys**	10	10	N/A	N/A
Swine***	10	10	10	10
Sheep	10	10	10	10
Goats	10	10	10	10
Equine****	10	10	10	10
Tier 2*****				

Performance Measures and Outcomes

Measurable outcomes – Progress toward identification of livestock premises will be measured. Priorities will be for beef, dairy and swine sectors of the Missouri livestock industry. An additional measure of outreach will include the logging of meetings and activities that are attended. These will be reported in the quarterly reports.

Standardized NAIS premises identification numbers will be issued upon producer request.

Timeline – Progress will be measured on a quarterly basis.