

Report and Recommendations

NORTHEAST MULTISTATE ACTIVITIES COMMITTEE MEETING

The Admiral Fell Inn - Board Room [5th Floor]
Historic Fell's Point, 888 South Broadway, Baltimore MD 21231

March 21, 2011
1:00pm to 4:00pm

Chair, Jon Wraith (NH)

Members: Kirby Stafford III (CT-NH), Tim Phipps (WV), Stephen Herbert (MA), Bob Schrader (NEED) and Dan Rossi (NERA)

1. National Multistate Research Award Nomination
[2011 Experiment Station Section \[ESS\] Award Description and Guidelines](#)
 - o [NE1025: Biology, Ecology and Management of Emerging Pests of Annual Bluegrass on Golf Courses](#)

Action: Recommends approval.

2. Request to approve the proposal, [NE TEMP1721: Management of Annual Bluegrass on Golf Courses: Improved Practices for Maintenance, Pest Control, and Viable Techniques for Transition to More Desirable Grasses \[10/2011-2016\]](#), currently NE1025.

Action: Recommends approval contingent upon MAC receipt of satisfactory response to the peer reviews.

3. Request to approve the proposal, [NE TEMP1701: Northeast Pasture Consortium \[10/2011-2016\]](#), currently NEERA1000.

Action: Recommends approval.

4. Request to approve the Request to Write a Proposal for [NE1028 - Mastitis Resistance to Enhance Dairy Food Safety \[10/2012-2017\]](#) and consideration of [Midterm Review](#)

Action: Recommends approval.

5. Request to approve the Request to Write a Proposal for [NE1030 - Strategies to Evaluate and Mitigate Ozone Impacts on the Structure and Function of Vegetation \[10/2012-2017\]](#)

Action: Recommends approval and MAC suggests strengthening the research component to justify a multistate research project. Otherwise, MAC recommends forming a Coordinating Committee.

6. Request to approve the Request to Write a Proposal for [NE1026 - Weed Management Strategies for Sustainable Cropping Systems \[10/2011-2016\]](#)

Action: Recommends approval.

7. Request to approve the Request to Write a Proposal for [NECC63 - Research Committee on Commodity Promotion \[10/2011-2016\]](#)

Action: Recommends approval. A request to keep the old number, NECC63, will be submitted with the proposal.

8. Request to approve the Request to Write a Proposal for [NEERA1001 - Northeast Research and Extension IPM Program Committee \[10/2011-2016\]](#)

Action: Recommends approval.

9. Request to approve the Request to Write a Proposal for a new multistate research project, entitled [Northeast Sustainable Wood Energy \[10/2012-2017\]](#)

Action: Recommends approval.

10. Request to approve the Request to Write a Proposal for a new Coordinating Committee [ERA], entitled [Examining The Potential to Incorporate Social Entrepreneurship in Developing Innovative 4-H Programs in the Northeastern Region \[10/2011-2016\]](#)

Action: Recommends approval.

11. Discussion of NE1037 - Wood Utilization Research : Biofuels, Bioproducts, Hybrid Biomaterials Composites Production, and Traditional Forest Products [8/2009 to 9/2014] with Advisor Fred Servello

Action: Advised Dr. Servello to proceed with the Midterm Review and make the appropriate recommendation.

12. Consideration of [Midterm Review of NE1020 - Multistate Evaluation of Winegrape Cultivars and Clones \[10/2004 to 9/2017\]](#)

Action: Commends Advisor for submitting the midterm review to update the Directors, and the technical committee for their accomplishments under the multistate project. The next midterm review will be expected in 3 years.

13. Request for off-the-top funding for FY11-12 for Northeast Multistate Projects:

[Summary of NE-9 and NE-59 requests from FY2007 to FY2012](#)

- o NE9: Conservation and Utilization of Plant Genetic Resources
Funding requested is \$224,973.

[NE9 FY2011 Budget Request and Impact Statement](#)

- NE59: Multistate Research Coordination, Northeastern Region
Funding requested is 40,788.
The funding requested is to support the Northeastern Regional Center for Rural Development.
[NE59 FY2012 Budget Request](#) and [2010 NERCRD Annual Report](#)

Action: Defer MAC action for discussion at the NERA Meeting.

14. Request for off-the-top funding for FY11-12 for NRSPs

[Summary of NRSP requests](#)

- NRSP-3 The National Atmospheric Deposition Program (NADP), 2009-2014
[\[FY2012 Budget Request\]](#)
- NRSP-4 Enabling Pesticide Registrations for Specialty Crops and Minor Uses, 2010-2015
[\[FY2012 Budget Request\]](#)
- NRSP-6 The US Potato Genebank: Acquisition, Classification, Preservation, Evaluation and Distribution of Potato (Solanum) Germplasm, 2010-2015
[\[FY2012 Budget Request\]](#)
- NRSP-7 A National Agricultural Program for Minor Use Animal Drugs, 2009-2014
[\[FY2012 Budget Request\]](#)
- NRSP-8 National Animal Genome Research Program, 2008-2013
[\[FY2012 Budget Request\]](#)
- NRSP-9 National Animal Nutrition Program, 2010-2015
[\[FY2012 Budget Request\]](#)
- NRSP_temp1 National Information Management and Support System, (NIMSS), 2011-2016
[NRSP temp1 Proposal and FY2012 Budget Request](#)

Action: Recommends approval of the requested level of funding for FY2011-12 for NRSP3, NRSP4, NRSP6 and NRSP8. The requested amounts are in line with the 5-year budgets that were submitted and approved with their proposals.

MAC denies approval of the \$100,000 ‘floor amount’ funding requested by NRSP7 in case the federal budget approval is delayed. Recommends continuing the same level of funding at \$325,000. If funds equal to or less than this amount become available to NRSP-7 through a Congressional special grant or equivalent funding mechanism during FY2011-12, that amount will not be distributed to NRSP-7 from Hatch MRF.

The recommendation for NRSP9 is to approve \$175,000 FY2011-12 budget from Hatch MRF off-the-top funds, with the expectation that at least \$175,000 is raised from other sources during the 2010/11 and 2011/12 fiscal years.

Recommends approval of the NRSP_temp1 – NIMSS proposal and off-the-top funding for FY2011-12 of \$50,000.

15. NERA Planning Grant Discussion

MAC held a teleconference on January 10, and their recommendation to award the grant to the following proposal was approved by NERA on January 26, 2011.

- NE1104-Evaluating, Maintaining and Enhancing Managed Honey Bees and Bumble Bees in Insect-Pollinated Specialty Crops in the Northeast (\$9,900)

How can we improve the quality of planning grant proposals?

Attachments:

- [2011 NERA Planning Grants Program Description](#)
- [2011 Evaluation Criteria](#)
- [NERA Planning Grant Reports](#)
- [NERA Planning Grant Budget Update](#)

Action: MAC recommends –

- including a copy of the assessment sheet that MAC uses in evaluating the proposals along with the RFP.
- clarify that these are research projects/funds and the extension aspect applies to stakeholder input and subsequent application aspects of the research project.

16. Other business:

- Discussion of *Halyomorpha halys* Stinkbug infestation. What collaborations are in place? Is there a need to create a 500-series Rapid Response Multistate Research Project?

Action: Dr. Stafford III will give an update on work being done to address this problem. MAC encourages the group to form a 500-series Rapid Response Multistate Research Project.

FY2012 Northeast Region Off-the-Top Funding Requests

1	2	3	4	5	6	7
Project	Final for FY2007	Final for FY2008	Final for FY2009	Final for FY2010	Approved for FY2011	Request for FY2012
NE-9	145,000	176,000 ¹	200,000 ²	208,000	216,320	224,973
NE-59	40,788	40,788	40,788	40,788	40,788	40,788

NE-9, Conservation and Utilization of Plant Genetic Resources

NE-59, Multistate Research Coordination, Northeastern Region (The funding requested is to support the Northeastern Regional Center for Rural Development.)

¹ NERA approved an increase for FY2008.

² NERA approved an increase for FY2009 with a 4% increase for each of the next four years until FY2013 subject to review each year, based on annual accomplishments report and availability of federal multistate funds.

FY 2011-2012 Requests for Off-the-Top Funding

Project	Request FY 2009	Authorized FY 2009	Request FY 2010	Authorized FY 2010	Request FY 2011	Approved By ESCOP FY 2011	Request FY 2012	Action Requested
NRSP-1/ NRSP_TEMP1	346,829	346,829	356,427	356,427	0	0	50,000	Request to approve revised proposal and budget
NRSP-3	50,000	50,000	50,000	50,000	50,000	50,000	50,000	1 year budget request
NRSP-4	481,182	481,182	481,182	481,182	481,182	481,182	481,182	1 year budget request
NRSP-6	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1 year budget request
NRSP-7	325,000	325,000	325,000	325,000	325,000	325,000	325,000	1 year budget request
NRSP-8	400,000	500,000	500,000	500,000	500,000	500,000	500,000	1 year budget request
NRSP-9					350,000	175,000	175,000	1 year budget request
NRSP_TEMP261							150,000	Request to approve new proposal and budget [deferred]

		Project Period
NRSP-1	Research Planning Using the Current Research Information System (CRIS)	2004-2011
NRSP-3	The National Atmospheric Deposition Program (NADP)	2009-2014
NRSP-4	Enabling Pesticide Registrations for Specialty Crops and Minor Uses	2010-2015
NRSP-6	The US Potato Genebank: Acquisition, Classification, Preservation, Evaluation and Distribution of Potato (Solanum) Germplasm	2010-2015
NRSP-7	A National Agricultural Program for Minor Use Animal Drugs	2009-2014
NRSP-8	National Animal Genome Research Program	2008-2013
NRSP-9	National Animal Nutrition Program	2010-2015
NRSP_TEMP1	National Information Management and Support System	2011-2016
NRSP_TEMP261	ipmPIPE National Research Support Project [Proposal is undergoing revision.]	2011-2016

Minor Use Animal Drug Program NRSP-7

January 21, 2011

Ms. Rubie G. Mize
Assistant to the Executive Director
NERA
USDA-BARC-West Bldg. 003 Room 214
10300 Baltimore Avenue
Beltsville, MD 20705-2350



Dear Ms. Mize:

Attached please find the NRSP-7 Appendix F budget request summary for 2011-2012. Also included are the FY 2011-2012 estimated budget summaries for funding that NRSP-7 receives from other sources including FDA/CVM, individual college and state funding, and stakeholder industry support. This year the Program requests that consideration be given to awarding NRSP-7 a floor amount of \$100,000 in the event that Federal budget approval is delayed as has occurred this year. This would provide \$25,000 per region to maintain personnel and allow uninterrupted project performance.

The multi-state funds that NRSP-7 receives will be used to partially cover the salaries of support personnel in the four regions and the National Coordinator's office located in the Cornell Technology Park. Moreover, these multi-state funds represent 40% of the Program's financial support and nearly 90% of its research efforts.

In accordance with the focus of NRSPs, the mission of the NRSP-7 Minor Use Animal Drug Program is:

- i. To identify animal drug needs for minor species and minor uses in major species,
- ii. To generate and disseminate data for safe and effective therapeutic applications, and
- iii. To facilitate FDA/CVM approvals for drugs identified as a priority for a minor species or minor use.

To accomplish these goals, NRSP-7 functions through the coordination of efforts among animal producers, pharmaceutical manufacturers, Food and Drug Administration/Center for Veterinary Medicine, United States Department of Agriculture/Cooperative State Research, Education, and Extension Service, universities, State Agricultural Experiment Stations and veterinary medical colleges throughout the country.

Globalization of food markets has allowed countries with less stringent animal drug approval requirements to dominate our honey, farmed shrimp and fish, sheep, goat, venison, and game bird production industries.

- i. Nearly 70 percent of the honey consumed in the US is imported and half of that honey comes from China;
- ii. Over 90 percent of the commercially farmed shrimp are imported; and
- iii. Half of the goat meat, 33 percent of the lamb, and 82 percent of venison consumed in the US comes from Australia and New Zealand.

Agricultural production of fish, game birds, sheep, goats, honeybees and deer is critically important to numerous regional economies in the United States (see **Table 1**). This diverse aggregate of minor species represents approximately **\$4.6 billion** in food and fiber farm gate revenues annually. Processing, use, and export of minor species food and fiber products represent an additional **\$35.5 billion** economic impact to the US. These revenues are seriously threatened by the lack of appropriate drugs to treat these important species.

Since the first drug approval in 1984 under the former IR-4 program, NRSP-7 has been responsible for generating 41 New Animal Drug Applications, an average of 1.5 per year during its 29 years of funding. The mean total expenditure per completed research for a drug approval or publication of a PMF over this time period was \$440,000. Average federal expenditures per completed research for a drug approval or publication of a PMF was \$335,000. Over the last ten years, however, the cost for NRSP-7 to provide the data necessary to support a single label claim has risen *six-fold* to approximately **\$3.1 million**. This increase is due to (1) more sophisticated analytical procedures for residue analysis, (2) the need to conduct all studies under Good Laboratory Practices and auditing of projects, (3) more expensive environmental assessments, and (4) the expanded scope of requests to additional species including veal and deer. Compared to an average investment of the pharmaceutical industry of \$10 to \$25 million for adding a label claim to an existing veterinary drug, expenses for data generated for additional label claims by the NRPS-7 program are approximately 10 to 35% of pharmaceutical industry costs. With NRSP-7 current level of funding and cost per drug approval of \$3.1 million, the expected time for achieving a drug approval is over three years. Thus, it is anticipated that NRSP-7 will achieve one to two approvals over the next five years.

To date 351 drug requests have been submitted to the Minor Use Animal Drug Program for the development of data in support of the submission of a New Animal Drug Approval. Currently there are 21 active research projects involving nine animal species and 11 different drugs.

Through a prioritization process that has included (i) constraints imposed by concerns of antimicrobial resistance, (ii) limitations of availability of certain expensive or rare animal species, (iii) appropriate efficacy models, and (iv) high risk/benefit liabilities and lack of economic incentive for certain pharmaceutical manufacturers, the number of highest priority projects has been estimated at approximately 41. Added to our 21 current active projects, the backlog of projects represents a research commitment stretching over several decades.

In 2010 data from the NRSP-7 Minor Use Animal Drug Program was used in support of the FDA approval of lincomycin for the treatment of American Foulbrood in honey bees (6/9/2010). Finally, during 2010 the regional coordinators published three articles in peer-reviewed journals disseminating information relevant to the program's mission.

The Minor Use Animal Drug Program has greatly impacted the various minor species (**Table 1**). Without this program, American minor species producers would simply not have sufficient safe and effective products to keep their livestock healthy.

Please address your question to the John Baker or John Babish at the email addresses listed.

Sincerely,

John Baker
Chair, NRSP-7 Administrative Advisors
Baker@anr.msu.edu

John G. Babish, Ph.D.
National Coordinator,
Minor Use Animal Drug Program/NRSP-7
jgb7@cornell.edu

cc: Administrative Advisors
NRSP-7 Regional Coordinators

Attachments

Table 1. . Minor Species Industries, Leading States, Farm Gate Value and Economic Impact in the US.
Appendix F: NRSP BUDGET REQUESTS SUMMARY



Appendix F: NRSP BUDGET REQUESTS SUMMARY

NRSP 9 National Animal Nutrition Program

Summary 2010 - 2011 2011 - 2012 2012 - 2013 2013 - 2014 2014 - 2015

Appendix F: NRSP Budget Requests Summary

I. MRF Funding

Description	Proposed FY (2010)		Proposed FY (2011)		Proposed FY (2012)		Proposed FY (2013)		Proposed FY (2014)	
	Dollars	FTE	Dollars	FTE	Dollars	FTE	Dollars	FTE	Dollars	FTE
Salaries	87,500	0.65	87,500	0.65	87,500	0.65	87,500	0.65	87,500	0.65
Fring Benefits	26,250	0.00	26,250	0.00	26,250	0.00	26,250	0.00	26,250	0.00
Wages	4,000	0.35	4,000	0.35	4,000	0.35	4,000	0.35	4,000	0.35
Travel	50,250	0.00	50,250	0.00	50,250	0.00	50,250	0.00	50,250	0.00
Supplies	7,000	0.00	7,000	0.00	7,000	0.00	7,000	0.00	7,000	0.00
Maintenance	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Equipment/ Capital Improvement	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Total	175,000	1.00	175,000	1.00	175,000	1.00	175,000	1.00	175,000	1.00
Comments										

II. Other Sources of Funding

Funding Sources: Industry										
Description	Proposed FY (2010)		Proposed FY (2011)		Proposed FY (2012)		Proposed FY (2013)		Proposed FY (2014)	
	Dollars	FTE	Dollars	FTE	Dollars	FTE	Dollars	FTE	Dollars	FTE
Salaries	20,625	0.15	20,625	0.15	20,625	0.15	20,625	0.15	20,625	0.15
Fring Benefits	5,875	0.00	5,875	0.00	5,875	0.00	5,875	0.00	5,875	0.00
Wages	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Travel	5,000	0.00	5,000	0.00	5,000	0.00	5,000	0.00	5,000	0.00
Supplies	3,500	0.00	3,500	0.00	3,500	0.00	3,500	0.00	3,500	0.00
Maintenance	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Equipment/ Capital Improvement	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Total	35,000	0.15	35,000	0.15	35,000	0.15	35,000	0.15	35,000	0.15
Comments										

Funding Sources: Federal Agencies										
Description	Proposed FY (2010)		Proposed FY (2011)		Proposed FY (2012)		Proposed FY (2013)		Proposed FY (2014)	
	Dollars	FTE	Dollars	FTE	Dollars	FTE	Dollars	FTE	Dollars	FTE
Salaries	20,625	0.15	20,625	0.15	20,625	0.15	20,625	0.15	20,625	0.15
Fring Benefits	5,875	0.00	5,875	0.00	5,875	0.00	5,875	0.00	5,875	0.00
Wages	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Travel	5,000	0.00	5,000	0.00	5,000	0.00	5,000	0.00	5,000	0.00
Supplies	3,500	0.00	3,500	0.00	3,500	0.00	3,500	0.00	3,500	0.00
Maintenance	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Equipment/ Capital Improvement	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Total	35,000	0.15	35,000	0.15	35,000	0.15	35,000	0.15	35,000	0.15
Comments										