

Dairy Grazing to Reduce Feed Costs and Environmental Risk

Project Overview (200 words)– Describe: (i) the risk management education subject topic(s) the proposed project will cover; (ii) the methods used to deliver the project; (iii) the target audience, including the geographical location; (iv) the number of workshops or educational activities; (v) the risk management results producers are expected to achieve through participation in the project; and (vi) the estimated number of producers who will achieve these results. It is critical that there is a logical connection between the Project Overview and the Proposed Results section of your application.

We will showcase ten case studies of dairy farmers who incorporate forages and grazing in their farming operations in the Upper Mississippi River Basin. Dairy farmers in that region are under financial stress due to milk prices that are often below their cost of production. This project will cover financial risk by demonstrating how on-farm forage resources can reduce feed costs and improve profitability. The project will cover legal risk related to environmental regulation by demonstrating an economically viable use for perennial forage crops that reduce soil erosion and nutrient loss into surface waters. Methods used to deliver the project include intensive interviews and financial analyses of ten farms already using grazing, followed by field days to reach more farmers with information gained from case studies. The target audience is conventional dairy farmers in Minnesota, Wisconsin, Iowa and Illinois. Six field days are expected to draw an audience of 300 farmers. We expect 80 of the farmers who attend a field day to analyze their monthly feed costs and estimate potential savings from grazing. We expect 30 of those farmers to establish a three-year goal for incorporating grazing and reducing their feed bill. (193 words)

Producer Demand (200 words) – Demonstrate the willingness of producers to participate in your project. The applicant must provide specific indicators that demonstrate participants will be attracted to the program, including but not limited to: benchmark information on participants’ knowledge level and attitude that support the proposed risk management education; follow-up evaluations from prior workshops that document interest in topics for future workshops; and farmer or rancher contributions to the proposed program content that demonstrate their interest in the risk management topics being offered. Secondary census data from USDA does not demonstrate producer demand, but may be of value in supporting the demand statement.

There have been few field days specifically on dairy grazing in the region, but many on grazing in general. The project team believes dairy grazing is gaining interest as more producers struggle with low milk prices. Producers are voting with their feet to attend field days.

- MPFWG and Pasture Project grazing educator five-webinar series, summer 2015: 152 participants. Two webinars involving dairy grazing had 41 and 32 participants.
- Sustainable Farming Association holds an annual forages & grazing workshop with 60-80 attendees. Grazing is always one of the top 3 requests for future workshops based on evaluations.
- U of MN-Morris has around 30-40 people attend their annual organic dairy day held every August.
- UW-Extension offers pasture walks for dairy producers in three southwest WI counties, which regularly attract 50 people per event; attendance increased in 2016
- Two grazing cover crops field days in southwestern MN in August 2016, co-sponsored by Sustainable Farming Association, Land Stewardship Project, and Pasture Project. 90 participants.
- Dairy Grazing field day in Meadowlands, MN in September 2016, sponsored by Northeast MN Forage & Grassland Council. 100 participants.
- Evaluation comments from “Moo U” dairy farm tours in central MN in October 2016 included multiple requests for grazing information. (200 words)

Proposed Results for Dairy Grazing Case Studies Project

Proposed Result	Topic	Producer Action	When measured	Est. #	How will you verify?
Case study subjects will state they have learned how grazing impacts their profits and cash flow	Financial – cost of production & farm financial benchmarking	Understand	Conclusion of interview	10	Interview evaluation

Case study subjects will chart their annual grazing use on a per-month basis, compared to monthly feed bill	Cost of production & farm financial benchmarking	Analyze	During financial analysis	10	Submission of chart to financial analyst
Case study subjects will test the dairy grazing calculator developed with case study data	Financial - Economics of input decisions	Analyze	After development of calculator	10	Submission of their analysis results to case study editor
Case study subjects will create 3-year plan for increasing, maintaining or decreasing grazing based on calculator results	Financial – Business & strategic planning	Develop	After testing of calculator	10	Submission of 3-year plan to case study editor
Case study subjects will implement first year of their grazing plan	Financial – business & Strategic planning	Implement	During 2017 growing season	8	Follow-up phone interview in fall 2017
Field day participants will state they have learned the potential of grazing to improve their profits and cash-flow	Financial – economics of input decisions	Understand	End of field day	200	Survey evaluation
Field day participants will state they have learned potential of grazing to protect environment and reduce their compliance risk (soil, water)	Legal – environmental regulations	Understand	End of field day	200	Survey evaluation

Field day participants will state they have tested potential impact of grazing for their farm, using the calculator	Financial - Economics of input decisions	Analyze	End of field day	100	Survey evaluation
Field day participants will construct their own monthly feed bill chart	Financial – cost of production & Farm financial benchmarking	Analyze	Three months after field day	80	Survey evaluation
Field day participants will set goals for adding grazing and reducing their feed bill	Financial – business & strategic planning,	Analyze	Three months after field day	30	Survey evaluation

Project Steps for ERME Dairy Grazing Case Studies project

What Project Team Does	What Participants Do	Est. #	Date Completed
Project team in-person meeting to identify potential case study subjects, do detailed planning on interview protocols, data collection, etc.			April 15, 2017
Identify 10 dairy farmers who use grazing and are willing to be case study subjects			April 15, 2017
Conduct interviews of the 10 case study subjects	Participate in the interviews and provide relevant information about the farm's use of grazing	10	May 1, 2017
Complete financial analysis of case study farms, focusing on impact of grazing on their cash flow and feed costs.	Supply farm financial data and chart of monthly grazing use and feed costs	10	May 15, 2017
Provide farm financial data to creator of dairy grazing calculator			May 15, 2017
Complete draft write-ups of 10 case studies	Review draft write-ups of own farm	10	June 15, 2017
Develop dairy grazing calculator based on existing tools and new data from case study subjects, showing financial effect of adding grazing acres to farm			June 15, 2017
Assist with case study subjects' test of grazing calculator	Test grazing calculator using farm's information	10	June 30, 2017
Collect 3-year plans for addition to case study write-ups	Create 3-year plan for increasing, maintaining or decreasing grazing based on calculator results	10	July 15, 2017
Revise dairy grazing calculator based on case study subjects' feedback	Provide feedback on dairy grazing calculator	10	July 30, 2017
	Implement first year of grazing plan	8	June through October 2017
Complete MS Excel-based interactive interface for dairy grazing calculator			August 15, 2017
Compile, edit, and do design & layout on case studies			August 15, 2017
Complete project website			August 15, 2017

Organize 6 on-farm dairy grazing field days	Host on-farm dairy grazing field days	6	July and August 2017
Promote on-farm dairy grazing field days to organizations, grazing educators, subscribers to listservs, etc.	View promotional materials and decide whether to attend	>2500	July through October 2017
Conduct 6 on-farm dairy grazing field days	Attend on-farm dairy grazing field days	300	August through October 2017
Assist with use of the dairy grazing calculator at field days	Input own farm's information into dairy grazing calculator and receive analysis	100	August through October 2017
Send reminder and sample chart of monthly feed bills to all workshop participants	Construct own farm's chart of monthly feed bills	80	December 2017
Send reminder and sample goal statements to all workshop participants	Set goal for adding grazing to dairy operation and reduction of monthly feed bill	30	February 2018
Conduct follow-up evaluation survey	Participate in follow-up evaluation survey	50	March 2018
Compile evaluation data and complete final project report			May 2018

Project Results Narrative (400 words) – Describe the risk management issue(s) this project addresses and how it will help producers improve their economic viability. It is critical this section: (i) identifies the primary source(s) of risk for the target audience; (ii) demonstrates the education and/or training methods are appropriate; and (iii) discusses the potential and/or anticipated economic impact of this project upon the producers being trained.

A major source of risk for dairy farmers in the Upper Mississippi River Basin is the combination of low milk prices and high input costs, particularly feed costs. Since 2014, milk prices have declined by nearly 35%. This prolonged price decline has contributed to a loss of 1555 dairy farms in Wisconsin alone. With feed accounting for over 26% of production costs, the best performing farms are those that can minimize this expense. Well-managed pasture is the lowest cost source of feed for dairy farmers, averaging \$0.21 per CWT of milk produced versus \$5.75 for homegrown harvested feed and \$8.04 for purchased feed. About 20% of dairies in the region utilize managed pasture as a major source of feed. Detailed financial analyses of managed grazing farms have documented profitability but farmers want to understand how such a change will affect their whole system. This project will increase awareness and utilization of this low-cost, flexible production system utilizing two effective farmer education tools that are seldom used in financial contexts: case studies and field days. The case studies we develop will allow successful dairy graziers to share their stories directly with their peers. Field days will allow farmers to verify for themselves how addition of managed grazing plays out in a real dairy operation. Peer-to-peer learning has been demonstrated effective in many contexts. What is innovative about this project is the

direct connection between the peer stories in the case studies, the visual verification in the field days, and the calculating tool based on financial data from the case study farms. The simple, ‘quick and dirty’ calculator focusing on milk income over feed costs will give producers an easy-to-use tool to, first, help them envision the financial impact of a shift toward managed grazing; and, second, monitor their financial performance as they transition. For dairy farms that add a managed grazing component, we anticipate they will see a drop in their monthly feed bill during the pasture growing season. Farmers implementing grazing may see a drop in their milk production during some of those months. We expect the drop in production to be more than offset by the drop in feed costs, resulting in net gain to the farmers.

(Data from USDA National Agricultural Statistics Service and Economic Research Service.)

Audience Emphasis – Identify the farmer and rancher audiences the project will **intentionally** target. Check up to 3 primary audience groups to whom the project will be delivered.

	Audience
	Small farms or ranches
	Women producers
	Beginning producers
X	Retiring/transitioning producers
	Socially disadvantaged producers
	Limited resource producers
	Immigrant producers
	Organic producers
	Specialty crop producers
	Sustainable producers
	Value-added producers
X	Traditional commercial producers
	Producers converting production & marketing systems to pursue new markets

Review of Past Projects (200 words) – Identify and review **two** ERME past projects to show how the proposed project can build upon or collaborate with previously funded projects, or alternatively, how the project is unique and innovative. Reviewing a previously funded project(s) from applicant organization will not satisfy the requirements for this section. You can review all previously funded Extension Risk Management Education projects at the following website:
<http://extensionrme.org/Projects/CompletedProjects.aspx?e=0&i=0>

Past Projects: “A Sustainable Wisconsin Dairy Farm Financial Management Model.” University of Wisconsin -Center for Dairy Profitability. 2010.

“Managing Risk using a Planned Grazing Chart and Biological Monitoring for Practical Management Decision Making.” Pennsylvania Certified Organic. 2013.

The Wisconsin project addressed dairy financial issues similar to ours: management of input costs and income. It promoted a complex financial analysis tool, and failed to attract many farmers. We believe our project will succeed because it is based on case studies of real farmers; it presents grazing for reducing input costs and for achieving environmental compliance; and will feature a simple tool for estimating feed savings from grazing. The Pennsylvania project achieved better-than-expected adoption of grazing management through offering on-farm field days, mentoring, and a simple grazing management chart. We believe on-farm field days are important and will offer six. While we do not propose formal mentorships, the project will identify ten dairy farmers with grazing expertise and raise dairy farmers’ awareness of expert help available for grazing planning. We would like to build off the Pennsylvania work by offering their grazing chart at our field days. (185 words)

Organizational Capacity (250 words) – Describe your organization’s history and experience delivering risk management education programs to producers. Describe your organizational capacity to lead results/outcome-based projects; include the skills, knowledge and experience of your team members. Indicate the capability of the Project Director (Co-Project Director) to achieve the program purpose and priorities stated in this funding announcement, including evidence of solid working relationships within the agricultural community. Applicants demonstrating experience in providing agriculture training with the capacity to lead a program on risk management education for the target audience are preferred.

This project is a collaboration between the Midwest Perennial Forage Working Group (MPFWG), a part of the Green Lands Blue Waters organization; and the Dairy Grazing Apprenticeship (DGA). The MPFWG is a network of agricultural professionals from non-profits, state and federal agencies, and universities in the upper Midwest. Collectively, members bring to the project not only risk management expertise, but deep connections within the farming communities in their states. Member organizations in Iowa, Minnesota and Wisconsin have committed to identifying a case study farmer and conducting one or more field days.

The lead organization, DGA, is a two-year registered Apprenticeship program that trains beginning dairy farmers on working farms in seven states. With a combination of 3712 paid, on-the-job-training hours and 288 hours of classroom instruction, a DGA Apprenticeship provides skill-building in all areas of dairy farming and risk management. Topics covered include cattle health, milking operations, dairy nutritional needs, pasture management, managing soil and water resources, effective decision-making, and financial management. Based in Wisconsin, the program has approved over 70 grazing based dairy farms in the upper Midwest to serve as mentors for Apprentices.

Project director Laura Paine is DGA’s Program Director, as well as co-chair of the MPFWG. She has more than 20 years’ experience working with livestock and dairy farms in Wisconsin and the region through employment with University of Wisconsin College of Agriculture; UW Extension; WI Department of Agriculture, Trade, and Consumer Protection; Southwest Badger RC&D; and since June 2015 with DGA. (246 words)

Project Team – List the Project Director, (Co-Project Director) and project team members (team members are people who will actively participate in the development, delivery and management of the project, whether from your organization or not). List: (i) each person’s name; (ii) organization; (iii) email address; (iv) telephone number; and (v) their role and responsibility in the project.

Project Team				
Name	Organization	Email	Telephone #	Role & Responsibility
Laura Paine	Dairy Grazing Apprenticeship	laura@dga-national.org	608-338-9039	Oversight of project and fiscal management of grant funds; oversight of case study writing and financial analysis conducted by DGA personnel, assist with identification of case study subjects in Wisconsin, organize at least one field day, promotion of field days, co-manage evaluations

Raylene Frankhauser Nickel	Dairy Grazing Apprenticeship	fivepenny@srt.com	701-626-7183	Interviewing dairy farmers and coordinating with financial advisor to summarize operational and financial information for case studies.
Tom Cadwallader	Dairy Grazing Apprenticeship	tkcadwallader@gmail.com	(715) 218-7388	Financial analysis for dairy farmers and coordinating with case study writer to summarize operational and financial information for case studies.
Jane Jewett	Minnesota Institute for Sustainable Agriculture	Jewet006@umn.edu	218-845-2832	Coordination of collaborators, editing and publishing of case studies in print and online, development of regional resource person lists, promotion of field days, co-

				manage evaluations.
Rebecca Wasserman-Olin	Land Stewardship Project	RebeccaW@landstewardshipproject.org	612-722-6377	Develop Feed Bill Reduction Calculator

Project Collaborators – Collaborators are outside people or organizations who will bring expertise or provide access to your target audience, but who are not involved in the day-to-day management of the project. List: (i) each collaborator name; (ii) organization; (iii) email address; (iv) telephone number; and (v) their role and responsibility in the project.

Project Collaborators				
Name	Organization	Email	Telephone#	Role & Responsibility
Meghan Filbert	Practical Farmers of Iowa	meghan@practicalfarmers.org	515-232-5661	Assist with identification of case study subjects in Iowa; organize at least one field day; promotion of field days; review project publications
Kent Solberg	Sustainable Farming Association of MN	kent@sfa-mn.org	844-922-5573 ext. 701	Assist with identification of case study subjects in Minnesota; organize at least one field day; promotion of field days; review project publications
Caroline Van Schaik	Land Stewardship Project	caroline@landstewardshipproject.org	507-523-3366 (ext. 102)	Assist with identification of case study subjects in MN; organize at least

				one field day; promotion of field days; facilitate presentation of LSP Cropping System Calculator at field days; review project publications
Gene Schriefer	University of Wisconsin Extension	gene.schriefer@ces.uwex.edu	608-930-9850	Assist with identification of case study subjects in WI; organize as least one field day; promotion of field days; review project publications
Tom Gervais	USDA-NRCS	Thomas.Gervais@mn.usda.gov	 (218) 720-5308 x 110 	Assist with identification of case study subjects in MN; assist with field day organization as needed; promotion of field days; review project publications

Tools and Curriculum (I checked with the ERME office and they said there’s no word limit for this section.) Describe the educational tools and/or curriculum your project will utilize to train producers; include software, manuals, worksheets, notebooks and/or other educational resources and tools that you will use or develop for this program. Describe the delivery methodology and why it is appropriate for your audience.

We intend to use tools specific to the central issues for this project: improving dairy farm finances through managed grazing to reduce feed costs; and reducing negative environmental impacts of dairy farms through establishment of perennial forages.

- Set of 10 case studies of dairy farms in IA, IL, MN and WI that use grazing in their operations; including financial analysis of the operations.
- Feed Bill Reduction Calculator: “quick-and-dirty” tool developed using data from the 10 case studies. The calculator will focus on milk income over feed costs. It will require only a few readily

available inputs from the farmer: number of cows, farm size in acres, monthly feed bill, and milk production. It will allow farmers to test income and feed cost scenarios for their farms with different acreages devoted to managed grazing.

- Managed grazing chart developed by ERME-funded project in Pennsylvania in 2013.
- Cropping system calculator developed by Land Stewardship Project and in process of being updated to include dairy grazing options. This will be introduced at field days and made available to farmers who are interested in more in-depth exploration of cropping system changes than is possible with the Feed Bill Reduction Calculator.
- Information on establishment of perennial forage acres for maximum environmental benefit and compliance:
 - Continuous Living Cover manual from Green Lands Blue Waters
 - Prairie STRIPS project handouts from Iowa State University
 - NRCS information on perennial forage establishment
- List of regional contact persons who can assist with grazing plans, use of the calculators, etc.

All of these tools will be available online on a website set up for this project by the Midwest Perennial Forage Working Group, and will be announced to the Working Group’s subscriber list of 160 regional educators, as well as lists maintained by Working Group members that collectively reach >1500 subscribers. This mode of delivery will make materials easily accessible to farmers who are comfortable with Internet use, and to farm advisors and educators who have direct farmer contact.

Case studies including financial analyses, the managed grazing chart, and information on perennial forage establishment for environmental benefits will be provided as handouts to field day participants. An in-print mode of delivery is appropriate for many dairy farmers who may not take time to access materials online, or who may lack good Internet access.

The Feed Bill Reduction Calculator and the LSP Cropping System Calculator will be delivered electronically, linked on the website and available at field days. As these are interactive tools, it would not be feasible to deliver them in print. Collaborating organizations will provide staff at field days to assist farmers with using the Feed Bill Reduction Calculator during the field day. Farmers will be provided with lists of contact people in their region who can assist them after the field day, with calculator use or development of grazing plans. (472 words)

Draft Budget for Extension RME Grant -- I’m keeping this in here because it might be helpful to refer to later on, but the application requires the ERME budget form instead of this table format.

Amount requested: \$49,500

Additional/Outside/Pending funding: None

Item	Amount
Indirect costs: 10% of total award	\$4,500
Writing of 10 case studies at 2,000 words each: 10 x \$2,000	\$20,000
Stipend to case study subjects	\$3,000

10 x \$300	
Financial analysis of 10 case studies at 3 hours each: 10 x 3 x \$50/hour	\$1,500
Development of calculator from existing tools plus data input from case studies: <ul style="list-style-type: none"> ■ Financial interpretation at \$50/hour x 20 hours = \$1,000 ■ Testing and verifying at \$50/hour x 20 hours = \$1,000 ■ Building producer interface = \$2,000 	\$4,000
Coordinating/editing/publishing/mgmt. of evaluation	\$5,300
Delivery of 6 field days 6 x \$1,600 Includes: <ul style="list-style-type: none"> ■ Travel & honorarium support for speaker(s) ■ Local organizations' staff time for organizing field day, providing expert help with calculator ■ Stipend to host farmer ■ Refreshments/other venue-related expenses 	\$9,600
Materials & Supplies <ul style="list-style-type: none"> ■ Printing case study handouts for field day attendees 6 field days x 50 attendees x \$2/handout 	\$600
Travel for in-person meeting of project team & project co-leaders to attend field days	\$1,000

Budget Narratives (see documents)

APPLICATION FOR FEDERAL ASSISTANCE
SF 424 (R&R)

2. DATE SUBMITTED 11/17/2016		Applicant Identifier 	
3. DATE RECEIVED BY STATE 		State Application Identifier 	
1. * TYPE OF SUBMISSION <input type="checkbox"/> Pre-application <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application			
4. Federal 			
5. APPLICANT INFORMATION * Organizational DUNS: 078823103 * Legal Name: Dairy Grazing Apprenticeship Department: Division: * Street1: 7234 Gad Road Street2: * City: Medford County: Taylor * State: WI * ZIP Code: 54451 * Country: USA			
Person to be contacted on matters involving this application Prefix: * First Name: Middle Name: * Last Name: Suffix: Laura Paine * Phone Number: 608-338-9039 Fax Number: Email: laura@dga-national.org			
6. * EMPLOYER IDENTIFICATION (EIN) or (TIN): 46-2694047		7. * TYPE OF APPLICANT: M Other (Specify): Small Business Organization Type <input type="checkbox"/> Women Owned <input type="checkbox"/> Socially and Economically Disadvantaged	
8. * TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission <input type="checkbox"/> Renewal <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, mark appropriate box(es). <input type="checkbox"/> A. Increase Award <input type="checkbox"/> B. Decrease Award <input type="checkbox"/> C. Increase Duration <input type="checkbox"/> D. Decrease Duration <input type="checkbox"/> E. Other (specify) * Is this application being submitted to other agencies? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> What other Agencies?		9. * NAME OF FEDERAL AGENCY: USDA NIFA 10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 10.500 TITLE: USDA NIFA	
11. * DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Dairy Grazing to Reduce Feed Costs and Environmental Risk			
12. * AREAS AFFECTED BY PROJECT (cities, counties, states, etc.) Minnesota, Wisconsin, Iowa, Illinois,			
13. PROPOSED PROJECT: * Start Date * Ending Date April 1, 2017 September 30, 2018		14. CONGRESSIONAL DISTRICTS OF: a. * Applicant b. * Project WI-7 WI-7	
15. PROJECT DIRECTOR/PRINCIPAL INVESTIGATOR CONTACT INFORMATION Prefix: * First Name: Middle Name: * Last Name: Suffix: Laura Paine Position/Title: Program Director * Organization Name: Dairy Grazing Apprenticeship Department: Division: * Street1: N893 Kranz Road Street2: * City: Columbus County: Columbia * State: WI * ZIP Code: 53925 * Country: USA * Phone Number: 608-338-9039 Fax Number: Email: laura@dga-national.org			

<p>16. ESTIMATED PROJECT FUNDING</p> <p>a. * Total Estimated Project Funding <input style="width:150px;" type="text" value="49,500"/></p> <p>b. * Total Federal & Non-Federal Funds <input style="width:150px;" type="text"/></p> <p>c. * Estimated Program Income <input style="width:150px;" type="text"/></p>	<p>17. * IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</p> <p>a. YES <input type="checkbox"/> THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE: <input style="width:150px;" type="text"/></p> <p>b. NO <input checked="" type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372; OR <input type="checkbox"/> PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW</p>
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18. By signing this application, I certify (1) to the statements contained in the list of certifications* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances * and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

* I agree

* The list of certifications and assurances, or an Internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

19. Authorized Representative

Prefix: * First Name: Middle Name: * Last Name: Suffix:

* Position/Title: * Organization:

Department: Division:

* Street1: Street2:

* City: County: * State: * ZIP Code:

* Country:

* Phone Number: Fax Number: * Email:

* Signature of Authorized Representative * Date Signed

20. Pre-application

Dairy Grazing to Reduce Feed Costs and Environmental Risk

Budget Narrative – Subaward -- MISA

The total budget for this subaward is \$5,300.

A. Senior/Key Person: Salary = \$5,300

Jane Grimsbo Jewett will serve as coordinator, editor and publisher of the case studies. She will devote 7% (0.07 FTE) to this project at \$4,021. Majority of the time spent will be during the first four months of the project. Her responsibilities will include coordinating with project team members and collaborators to identify case study subjects, reviewing and editing case studies, arranging for design and layout of case studies, collecting information about regional contact people and resources, arranging print publication of case studies and other field day handout documents, creating a website to house project materials, coordinating with project collaborators to schedule field days, compiling project evaluations and assisting with project reporting.

Fringe Benefits: 31.8% rate = \$1,279

Budget narrative sections B through H: Not applicable.



November 16, 2016

Brad Lubben, Director
North Central Extension Risk Management Education Center
303 Filley Hall
Lincoln, NE 68583

Dear Dr. Lubben,

Dairy Grazing Apprenticeship (DGA) is excited to collaborate with the Green Lands Blue Waters Perennial Forage Working Group on this regional project to address financial and environmental risk in dairy farming. This project will use farmer-friendly approaches to help struggling dairy farmers investigate managed grazing as a low-cost forage production system. Changes that affect financial status are difficult to make. Using case studies of the financial performance of grazing-based farms and field days where farmers can learn from their peers, we will make the information they need more accessible so that decisions can be made with reduced risk.

DGA is a two-year formal Apprenticeship that combines 3712 hours of paid, on-the-job learning with 288 hours of classroom education to provide a comprehensive training for beginning dairy farmers. Based in Wisconsin, we operate in eight states including WI, MN, IA, and MO. Since its founding in 2010, Dairy Grazing Apprenticeship has used case studies and financial advising as core elements of our educational program. DGA staff will provide these functions to the project. Staff who will be involved include:

Laura Paine, DGA Program Director

Paine has 20+ years as an agricultural educator specializing in livestock and dairy systems in the upper Midwest. She will be in charge of co-directing the project with Jane Jewett of the Minnesota Institute for Sustainable Agriculture. She will be responsible for providing oversight of the case study writing and financial analysis conducted by DGA staff, assist with identifying one or more farmers for a case study, and organize at least one field day in Wisconsin.

Tom Cadwallader, DGA Financial Advisor

A retired Extension Educator, Cadwallader has focused on agricultural business management and financial advising throughout his career. Since 2010, he has provided advising to many of DGA's 80+ approved Master Dairy Graziers as well as to Apprentices who are placed on their farms as they plan for succession or start up on a new farm. Tom will work with the case study writer to summarize financial information for the 10 case studies planned.

Raylene Nickel, DGA Case Study Writer

Raylene Nickel is a published author and journalist who has worked with DGA to develop six case studies of our Master-Apprentice pairs. She will work with the team to interview the participants and summarize their stories in collaboration with Cadwallader. Examples of her work can be found on the DGA website: www.dga-national.org.

As co-chair of the GLBW Perennial Forage Working Group since 2011, I have significant relationships with all partners in the project. On behalf of both DGA and GLBW, I encourage you to fund this worthwhile project. Please contact me if you have any further questions.

Kindest regards,

Laura Paine

ERME Budget Form

		Totals (\$)
Section A, Senior/Key Person		
Section B, Other Personnel		21500
Total Number Other Personnel	2	
Total Salary, Wages and Fringe Benefits (A+B)		21500
Section C, Equipment		Not Allowable
Section D, Travel		1000
1. Domestic	1000	
2. Foreign	Not Allowable	
Section E, Participant/Trainee Support Costs		Not Allowable
Section F, Other Direct Costs		22500
1. Materials and Supplies	600	
2. Publication Costs	Not Allowable	
3. Consultant Services		
4. ADP/Computer Services	Not Allowable	
5. Subawards/Consortium/Contractual Costs	9300	
6. Equipment or Facility Rental/User Fees		
7. Alterations and Renovations	Not Allowable	
8. Other 1	3000	
9. Other 2	9600	
10. Other 3		
Section G, Direct Costs (A thru F)		45000
Section H, Indirect Costs		4500
Section I, Total Direct and Indirect Costs (G + H)		49500
Section J, Fee		Not Allowable



Iowa County UW-Extension

303 W Chapel Street
Dodgeville WI 53533-1557
Phone (608) 930-9850 FAX (608) 935-0328
TDD Relay 711
<http://iowa.uwex.edu>



We teach, learn, lead and serve, connecting people with the University of Wisconsin, and engaging with them in transforming lives and communities.

Brad Lubben, Director
North Central Extension Risk Management Education Center
University of Nebraska – Dept. of Agricultural Economics
303 Filley Hall
Lincoln, NE 68583-0922

Iowa County is located in the Driftless Region in southwestern corner of Wisconsin and is dominated by a gently rolling to steep, rugged landscape, recognized for its' scenic beauty along with productive farmland. The majority of the county is underlain by highly fractured limestone and sandstone formations, soil depths range from several inches to several feet. Ground water resources are excellent and many valleys are bisected by small streams and rivers, feeding into the Upper Mississippi River basin. The topography, soil, and sub soil make this landscape fragile to degradation of soil and water quality. It is more suited to perennial forage production than annual grain crops, this has led me to become an active member of the Midwest Perennial Forage Working Group.

Grazing dairy cattle, whether milk animals or replacement heifers can have a significant impact on lowering the cost of production. Southwest Wisconsin led the dairy grazing renaissance 25 years ago in the last farm financial crisis. Myself and the past three county ag extension agents have advocated for increased dairy grazing in the region for its positive economic and environmental impacts.

For 25 years UW-Extension has led, organized and managed an active grazing network of 300 producers in the three county area. With this rich history, I've been collaborating with Dairy Grazing Apprenticeship program to integrate new producers with experience dairy grazing mentors.

Our dairy producers are aging and their children are less likely to return to the farm. Most beginning producers that do not inherit or marry into a farm do not have the equity to purchase the assets of the retiring dairy farmer. My work developing financial cash flow analysis with beginning producers demonstrate that grazing with organic production has the best likelihood of success for the new entrants, who cannot afford sustained periods of low milk prices. Grazing remains a viable path to dairy farm ownership. My dairy grazing pasture walks often have 50 interested producers attend, more so this past year with low milk prices.

With the contacts I have developed, I can identify and help recruit case study subjects within the region and organize and host a field day.

Best regards,

Gene Schriefer
Iowa County Agriculture Educator
University of Wisconsin - Extension



November 15, 2016

Brad Lubben, Director
North Central Extension Risk Management Education Center
University of Nebraska – Dept. of Agricultural Economics
303 Filley Hall
Lincoln, NE 68583-0922

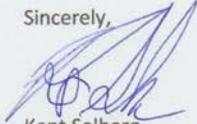
Dear Mr. Lubben,

I am writing as member of the Midwest Perennial Forage Working Group to express my willingness to be part of the collaborative team to be led by Dairy Grazing Apprenticeship to recruit and interview 10 grazing dairy farms to analysis the financial benefits of their operations that can be shared with other dairy producers. I am willing to help identify and recruit subject farms, and to help organize and co-host on-farm field events.

During this time of low commodity prices, particularly dairy, producers are looking for ways to reduce operating costs. As a member of the Midwest Perennial Forage Working Group and through my own work with the Sustainable Farming Association I have seen the need to share alternative production methods to dairy producers. I am personally aware of a grazing dairy that has been in operation for 38 years and has made money every year without being an organic producer. Farmers want real world examples. Examples, like the farm previously described and others offer struggling producers opportunities to explore production alternatives that could keep them financially viable. We have more resources than ever in the Midwest to assist farmers in transitioning their operation to utilizing grazing as a management tool. What we need at this time is the ability to show case those doing well using alternative feeding and management strategies, such as grazing, that have a positive impact on the bottom line.

Thank you for considering this proposal. If you have questions, please feel free to contact me.

Sincerely,



Kent Solberg
Livestock and Grazing Specialist
Sustainable Farming Association
18618 Co. Rd. 23, Verndale, MN 56481
kent@sfa-mn.org
844-922-5573, Ext. 701

C: Laura Paine, Dairy Grazing Apprentice Program
Jane Jewett, Midwest Perennial Forage Working Group
Jerry Ford, Interim Executive Director, Sustainable Farming Association

UNIVERSITY OF MINNESOTA

Twin Cities Campus

Minnesota Institute for Sustainable Agriculture
College of Food, Agricultural and Natural Resource Sciences
University of Minnesota Extension

411 Borlaug Hall
1991 Upper Buford Circle
St. Paul, MN 55108

Ph: 612-625-8235
Fax: 612-625-1268
www.misa.umn.edu
misamail@umn.edu

November 16, 2016

Brad Lubben, Director
North Central Extension Risk Management Education Center
University of Nebraska – Dept. of Agricultural Economics
303 Filley Hall
Lincoln, NE 68583-0922

Director Lubben:

The Minnesota Institute for Sustainable Agriculture's purpose is to bring together the agricultural community and the University community in a cooperative effort to develop and promote sustainable agriculture in Minnesota and beyond.

If selected to receive Risk Management Education Center's funding, MISA's Information Exchange Program Coordinator, Jane Grimsbo Jewett, will coordinate the production and publication of ten case studies of dairy farms that use grazing. She will communicate with project collaborators to identify and recruit case study subjects; review, edit, arrange for design and layout of case studies; assist in obtaining feedback and follow-up data from case study subjects; and arrange for printing and online publication of completed case studies. Jane will assist in scheduling and promotion of field days organized by project collaborators, will compile participant evaluation results, and will assist with project reporting over the course of one year effort.

We are excited to be a part of this important work. If you have any questions please be in contact.

Regards,



Helene Murray
Executive Director

UNIVERSITY OF MINNESOTA

Twin Cities Campus

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College of Food, Agricultural and
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University of Minnesota Extension*

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Email: misamail@.umn.edu*

November 16, 2016

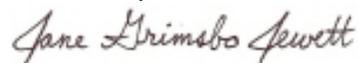
Brad Lubben, Director
North Central Extension Risk Management Education Center
University of Nebraska – Dept. of Agricultural Economics
303 Filley Hall
Lincoln, NE 68583-0922

Dear Director Lubben:

As the staff person for the Midwest Perennial Forage Working Group (MPFWG), a colleague in livestock and grazing education and outreach with the members of that group, and a lifelong livestock producer, I am excited about this opportunity to showcase successful dairy graziers in the Upper Mississippi River Basin. This project has great potential to reach a wider audience of dairy farmers with information about the benefits of grazing for their farms, and to advance the adoption of grazing. I and my MPFWG colleagues believe this is a critical step for dairy farms in our region to be able to survive low milk prices and to thrive in the future.

I am looking forward to my role in coordinating with project team members and collaborators to create the case studies and get them into accessible print and online formats, creating a website to house project materials, and assisting with field days and with evaluation and reporting on the project. This is a familiar role for me in my work with the Minnesota Institute for Sustainable Agriculture's Information Exchange, which over the past six years has produced 15 top-notch publications for farmers and rural business owners; and participated in the delivery of numerous workshops.

Yours truly,



Jane Grimsbo Jewett
Information Exchange
Minnesota Institute for Sustainable Agriculture



United States Department of Agriculture

Natural Resources Conservation Service
4915 Matterhorn Drive
Duluth, MN 55811

Telephone: 218-720-5308
Fax2Mail: 1-855-843-6839

Brad Lubbin, Director
North Central Extension Risk Management Education Center
University of Nebraska – Department of Agricultural Economics
303 Filley Hall
Lincoln, NE 68583-0922

Dear Mr. Lubbin,

This letter is being submitted in support of the “Dairy Grazing Case Studies” project proposal for the Extension Risk Management Education Competitive Grant Program. As a Regional Grazing Specialist for the Natural Resources Conservation Service in Minnesota, and member of the Midwest Perennial Forage Working Group, I see the need for small to moderate sized dairy farms to insulate themselves against low milk prices and rising input costs in order to remain economically viable. Utilizing managed grazing is an option that may address this need. The proposed project will provide valuable information, tools and resources to dairy farmers in the region who are considering managed grazing as a risk management measure. Ultimately it may result in more implementation of managed grazing on dairy farmers in the Upper Midwest.

As a project cooperator, I will collaborate with the Dairy Grazing Apprenticeship Program and other project partners to identify and recruit dairy graziers to be case study subjects. I will assist in gathering and analyzing data as needed and in the development of tools and resources to be made available as a result of the case studies. I will assist the lead organization in planning and organizing field days at case study farms to provide information to farmers and to view the impacts grazing management has made on individual farms.

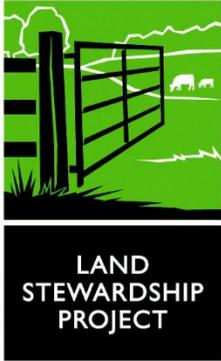
The proposed project and expected outcomes align with the needs of dairy farmer across my work area and the goals MN NRCS as well as the MPFWG. I fully support the project.

Respectfully submitted,

Thomas D. Gervais
Regional Grazing Specialist
USDA-NRCS
Duluth, MN
218-720-5308 ext 110
thomas.gervais@mn.usda.gov

Natural Resources Conservation Service
4915 Matterhorn Drive, Duluth, Minnesota 55811
Telephone: 218-720-5308 Fax2Mail: 1-855-843-6839

An Equal Opportunity Provider and Employer



November 16, 2016

Dr. Brad Lubben, Director
North Central Extension Risk Management Education Center
University of Nebraska – Dept. of Agricultural Economics
303 Filley Hall
Lincoln, NE 68583-0922

Dear Dr. Lubben:

The Land Stewardship Project (LSP) supports the project, “Dairy Grazing Case Studies.” LSP is an active leader within Green Lands Blue Waters, and through that an active participant in the Midwest Perennial Forage Working Group.

The opportunity for dairy farms to adopt rotational grazing is significant because it can reduce costs of production while also protecting natural resources on farmland marginal for row crop production. This production system also functions profitably on the best farmland. Rotational grazing is a viable avenue for managing financial, market and natural resource conservation risks. It is important to learn from the success of existing producers and the barriers faced by people considering expanding this component of their operations.

LSP commits to participating on a collaborative team led by Dairy Grazing Apprenticeship. We will help identify and recruit case study subjects. LSP will organize and co-host an on-farm field day. Our staff will help develop the Feed Bill Reduction Calculator and make our existing Cropping Systems Calculator available through LSP’s website to project participants.

This is a worthy project for funding by the North Central Extension Risk Management Education Program.

Sincerely,

A handwritten signature in black ink that reads "George Boody".

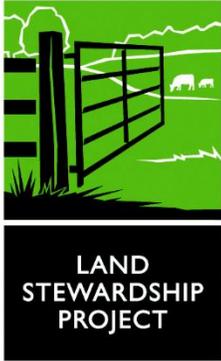
George Boody
Executive Director

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Lewiston, MN 55952
Phone: 507-523-3366

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TWIN CITIES OFFICE
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Phone: 612-722-6377

landstewardshipproject.org



November 16, 2016

Dr. Brad Lubben, Director
North Central Extension Risk Management Education Center
University of Nebraska – Dept. of Agricultural Economics
303 Filley Hall
Lincoln, NE 68583-0922

Dear Dr. Lubben:

The Land Stewardship Project (LSP) supports the project, “Dairy Grazing Case Studies.” LSP is an active leader within Green Lands Blue Waters, and through that an active participant in the Midwest Perennial Forage Working Group. LSP agrees to serve as a consultant to the project, to develop the Feed Bill Reduction Calculator.

Land Stewardship Project Economics Researcher, Rebecca Wasserman-Olin, will use financial data obtained from ten grazing dairy farms along with other relevant data sources to create a Feed Bill Reduction Calculator for this project. This effort may include but is not limited to interpretation of financial data from producer case studies, integration of new data with existing tools and procedures to develop the Calculator, testing and verifying of the Calculator, and building an MS Excel-based interface for producers’ interactive use of the Calculator.

Testing and verification of the calculator will be done in consultation with the ten farmers who supplied the data. Other project team members and collaborators will assist in facilitating the verification effort with the farmers.

Sincerely,

A handwritten signature in black ink that reads 'George Boody'.

George Boody
Executive Director

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landstewardshipproject.org



November 11, 2016

Brad Lubben
North Central Extension Risk Management Education Center
University of Nebraska – Dept. of Agricultural Economics
303 Filley Hall
Lincoln, NE 68583-0922

Dear Brad,

Practical Farmers of Iowa (PFI) is pleased to know the Midwest Perennial Forage Working Group is submitting a proposal for North Central Extension Risk Management Education Center to collect case studies and focus on the financials of grazing-based dairies in the upper Midwest. PFI supports the proposed “Dairy Grazing Case Studies Project.”

As the livestock coordinator for Practical Farmers of Iowa (PFI), I understand the importance of different types of production systems and knowing the costs of production for each system. I work with conventional producers, graziers and beginning farmers and would like to be able to better help these farmers evaluate different production systems. There is a need to document real scenarios on dairies and to demonstrating the economic importance of forage. We need to showcase how farmers are trying to stay afloat while simultaneously improving soil health and our water quality. Grass is the future.

PFI is committed to promote diverse farms, healthy food and vibrant communities with the mission “to advance profitable, ecologically sound, and community-enhancing approaches to agriculture through farmer-led investigation and information sharing.” The proposed project in question addresses these values as indicated in their objectives for the project. PFI will help find farmer cooperators and help put on field days for this project.

In summary, I believe that awarding the Midwest Perennial Forage Working Group with their requested funding for the “**Dairy Grazing Case Studies Project**” will help address the critical issues facing Iowa farms by increasing economic viability and environmental stewardship. Therefore, I strongly encourage the review committee to consider this request.

I enthusiastically endorse the proposal and look forward to working with you should this proposal be funded.

Sincerely,

Meghan Filbert
Livestock Coordinator
Practical Farmers of Iowa
meghan@practicalfarmers.com

Rebecca Wasserman-Olin

2435 1st Avenue South
Minneapolis, Minnesota 55404

612-598-2524

rebecca.wolin@gmail.com

WORK EXPERIENCE

THE LAND STEWARDSHIP PROJECT, Minneapolis, Minnesota

Chippewa 10% Project Economics Researcher

September 2015- Present

- Created an economic decision tool to be utilized by farmers to help demonstrate profit differences between conventional farming systems and alternative cover cropping systems also working to improve the watershed.
- Collaborating with farmers, community organizers, and economists to ensure tool is effective and useful.
- Presents the tool at meetings and conferences around the Midwest to allied groups interested in customizing for their own work.
- Writes communication pieces about the tool as well as on the Chippewa 10% research such as fact sheets, blogs, and newsletter articles.

MICHAEL FIELDS AGRICULTURAL INSTITUTE, East Troy, Wisconsin

Farm Apprentice

March 2015-August 2015

- Managed a three acre vegetable farm and the distributed the produce at two local farmers markets and through various wholesale accounts.
- Participated in Stateline Farm Beginnings Program with the Angelic Organic Learning Institute as part of the apprenticeship. Completed plans for ideal future farm including financials, planting schedules, and branding plan.

LAW OFFICES OF GORDON APPLE, St. Paul, Minnesota

Independent Contractor

December 2014- February 2015

- Provided administrative support for an attorney specializing in health care law.

TROY COMMUNITY FARM AT COMMUNITY GROUNDWORKS, Madison, Wisconsin

Farm Intern

May 2014 – August 2014

- Worked on a 3 acre certified organic community supported agriculture farm with 120 full share members.
- Distributed CSA shares and also managed weekly market stand.
- Assisted with sprout production.

GROWING POWER INC., Madison, Wisconsin

Youth Corps Leader

May 2013 – August 2014

- Managed 1 acre of growing area and supervised a farm stand which produced over 30 different types of fruits, vegetables, and herbs distributed in an area with limited food access.
- Managed and trained 4 at risk youth in an urban agriculture training program each summer.
- Developed successful urban agriculture techniques which can be adapted to any area including: vermicomposting, raised bed farming, and growing in greenhouses.

UNIVERSITY OF WISCONSIN- MADISON, SCHOOL OF URBAN AND

REGIONAL PLANNING, Madison, Wisconsin

Undergraduate Research Assistant

March 2013 – May 2014

- Analyzed statistical data on harvest quantities and farming methods for multi-disciplinary study on the productivity of various organizations across the United States practicing urban agriculture.
- Researched and reviewed methods of successful business models across the country used by organizations implementing urban agriculture.
- Created an outline for a book to be published relating to the design of marketplaces in the United States to be written by supervising professor Alfonso Morales.

UNIVERSITY OF WISCONSIN - MADISON, LAW SCHOOL, LAW LIBRARY, Madison, Wisconsin

Copy Center Staff Member, Circulation Desk Assistant,

September 2010-May 2014

Periodical Assistant

- Created and sent billing invoices and scanned or copied journal articles requested by professors.
- Worked the front desk of a main library on the University campus. Checked in/out books, managed the rental of 7 study rooms, and resolved patron's issues when a librarian was not present.
- Managed monthly shipments of books to a book binding company.

Rebecca Wasserman-Olin

SLOW FOOD UW-MADISON, SOUTH MADISON

PROJECT, Madison, Wisconsin

Youth Gardening Intern

January 2012 – September 2012

Centro Hispano Development Intern

January 2013 – May 2013

South Madison Project Director

June 2013 – August 2014

- Led weekly youth gardening activities for children ages 7-12 including a group snack preparation.
- Planned and maintained garden plots at two Boys and Girls Clubs to be used with youth.
- Piloted an activity series with Latino community center to conduct cooking activities incorporating healthy ingredients into recipes from across Latin America.
- Oversaw collaborations with many community partners to implement youth cooking and gardening workshops resulting in meals being prepared and consumed by over 50 kids each week, many of whom were food insecure.
- Supervised and trained 15 interns to effectively plan weekly food activities, costing less than \$3.50 per person.
- Planned and conducted a university class for interns to examine issues relating to environmental racism, attitudes towards volunteerism, and food access to ensure appropriate attitudes during the youth workshops.
- Developed and managed an annual budget to fund the weekly workshops with the majority of the money being spent at small businesses located within one mile of the partnering community organization.
- Successfully authored University, city, and private grants to ensure the continuation of the program.

YOUTH FARM AND MARKET PROJECT, Minneapolis, Minnesota

Farm Apprentice and All About Food Leader

May 2011 – September 2011

- Managed 4 urban garden plots in South Minneapolis neighborhood for a non-profit urban agriculture summer camp.
- Worked with low income neighborhood youth to sell produce door to door and at local farmers markets.

OPPENHEIMER WOLFF & DONNELLY, Minneapolis, Minnesota

Library Services Assistant

June 2009 – August 2010

- Conducted daily library tasks such as checking in mail, sending emails, and re-shelving books.
- Processed books newly added to the catalogue and filed updates sent to keep legal books up to date.
- Obtained job after completing Step Up Job Readiness Program.

EDUCATION

Bachelor of Science: Environmental Studies & Agricultural and Applied Economics

University of Wisconsin, Madison, Wisconsin

- Areas of focus included trade economics, community economic development, food access, and environmental justice.
- Strong focus on Spanish Language study including grammar courses through level six and various cultural courses.
- Completed agricultural business plan as part of Senior Thesis Class in Agricultural & Applied Economics.

Study Abroad Program, Merida, Venezuela

University of Minnesota - Twin Cities

- Lived with a Venezuelan host family while taking classes on South American culture and history taught exclusively in Spanish at a local institution.
- Semester GPA: 3.7

OTHER ACCOMPLISHMENTS

- Community University Engagement Award- Member of three groups out of seven who received awards from the office of the Chancellor of UW-Madison for outstanding collaboration between University groups and community organizations.
- Wisconsin Idea Fellow – Applied for and received a \$12,000 grant from the University of Wisconsin-Madison and American Family Insurance to fund the Slow Food UW-South Madison Project.
- Allen Internship Award- Received a grant from the College of Agriculture and Life Sciences at UW-Madison to fund unpaid internships two years in a row while working with Slow Food UW and then Growing Power Inc..
- Wallin Scholar- Received a \$16,000 scholarship from the Wallin Foundation to help support studies at UW-Madison.

PROFESSIONAL SKILLS

- Foreign Language: Fluent in listening and speaking Spanish with advanced reading and writing. Conversational Guarani.
- Software: Advanced in MS PowerPoint, Word, and Excel, and Outlook. Intermediate in VBA programming.

ERME Budget Form

		Totals (\$)
Section A, Senior/Key Person		4000
Section B, Other Personnel		0
Total Number Other Personnel	0	
Total Salary, Wages and Fringe Benefits (A+B)		4000
Section C, Equipment		Not Allowable
Section D, Travel		0
1. Domestic	0	
2. Foreign	Not Allowable	
Section E, Participant/Trainee Support Costs		Not Allowable
Section F, Other Direct Costs		0
1. Materials and Supplies	0	
2. Publication Costs	Not Allowable	
3. Consultant Services	0	
4. ADP/Computer Services	Not Allowable	
5. Subawards/Consortium/Contractual Costs	0	
6. Equipment or Facility Rental/User Fees	0	
7. Alterations and Renovations	Not Allowable	
8. Other 1	0	
9. Other 2	0	
10. Other 3	0	
Section G, Direct Costs (A thru F)		4000
Section H, Indirect Costs		0
Section I, Total Direct and Indirect Costs (G + H)		4000
Section J, Fee		Not Allowable

ERME Budget Form

Totals (\$)

Section A, Senior/Key Person		5300
Section B, Other Personnel		0
Total Number Other Personnel	0	
Total Salary, Wages and Fringe Benefits (A+B)		5300
Section C, Equipment		Not Allowable
Section D, Travel		0
1. Domestic	0	
2. Foreign	Not Allowable	
Section E, Participant/Trainee Support Costs		Not Allowable
Section F, Other Direct Costs		0
1. Materials and Supplies	0	
2. Publication Costs	Not Allowable	
3. Consultant Services	0	
4. ADP/Computer Services	Not Allowable	
5. Subawards/Consortium/Contractual Costs	0	
6. Equipment or Facility Rental/User Fees	0	
7. Alterations and Renovations	Not Allowable	
8. Other 1	0	
9. Other 2	0	
10. Other 3	0	
Section G, Direct Costs (A thru F)		5300
Section H, Indirect Costs		0
Section I, Total Direct and Indirect Costs (G + H)		5300
Section J, Fee		Not Allowable