



## Individual/Program POW Logic Model Template

**Name of Program:** Dairy/Livestock/Agronomy Work Team

**CSREES Goal:** An Agricultural System that is Helping Competition in a Global Economy

**Staff Member(s):** John Porter, Pete Erickson, Tina Savage, Michael Lunac, Steve Turaj, Seth Wilner, Amy Ouellette, Tom Boub, Carl Majewski, George Hamilton, Mike Sciabarrassi

**Situation Statement:** Sustainable agriculture has been defined in current literature as involving economic, environmental and social parameters. Our programming over the next two years will focus on building producers' economic decision making capacity and also on increasing their ability to make wise and informed agronomic IPM decisions. Although we are partitioning out these two parameters, we recognize that all three elements need to be considered for sustainable farm management decision making. This three-pronged approach to sustainable agriculture will be incorporated into the farm goal and this goal will be used to drive on-farm decision making.

**External Factors:** Other sources of information being delivered to farmers, current milk price, development pressure, distance to travel,

**Assumptions:** Economic record keeping and monitoring will increase profitability, more careful pest management will lead to improved environmental quality.

**Barriers:** travel distance to programs, limited staff time, limited research on threshold levels, busy farmer schedules,

**Days Planned:** 24 days planned

Inputs	Outputs		Objectives (SMART)	Outcomes ~ Impact		
	Participants	Activities		Learning Outcomes	Action Outcomes	Impact
<ul style="list-style-type: none"> <li>Grants</li> <li>Staff time</li> <li>County mileage funds</li> <li>Professional development for staff.</li> <li>Out of state expertise.</li> <li>Other agency staff (Yankee Farm Credit, FSA, Beginner Farmers, etc).</li> </ul>	<ul style="list-style-type: none"> <li>Beginner Farmers</li> <li>Established farmers</li> </ul>	<ul style="list-style-type: none"> <li>5 three-day training sessions around the state over two years.</li> <li>Ag-Biz Course in conjunction with UVMCE.</li> <li>One-on-one farm visits.</li> <li>Development of educational tools.</li> <li>Professional development for UNHCE staff.</li> </ul>	<p><u>Statewide over 2 years</u></p> <ul style="list-style-type: none"> <li>50 farmers will increase their knowledge of financial record keeping and use.</li> <li>50 farmers will increase their knowledge in goal development and use.</li> <li>50 farmers will increase their ability to develop farm and family budgets.</li> <li>50 farmers will increase their awareness of appropriate technology for their farms.</li> <li>15 farmers will adopt new technologies on</li> </ul>	<ul style="list-style-type: none"> <li>Farmers will learn how to develop a goal that contains their desired economic, quality of life and environmental outcomes.</li> <li>Producers will learn how to use their farm goal to guide their decisions.</li> <li>Producers will learn how to develop a financial record keeping system.</li> <li>Producers will learn how to develop a farm and family budget.</li> <li>Producers will learn how to monitor their financial records to guide their decisions.</li> <li>Producers will learn about the latest appropriate technological advances to improve farm efficiency.</li> </ul>	<ul style="list-style-type: none"> <li>Farmers will develop and adopt a farm goal and use it to drive their decision-making.</li> <li>Farmers will make purchases based on economic return, quality of life and impact to the environment.</li> <li>Producers adopt technology to improve efficiency.</li> <li>Producers will adopt a record keeping system to monitor cash flow.</li> </ul>	<p>Dairy and livestock businesses remain sustainable despite rising land values and other external pressures.</p>

Inputs	Outputs		Objectives (SMART)	Learning Outcomes	Outcomes ~ Impact	
	Participants	Activities			Action Outcomes	Impact

			<p>their farms to increase farm efficiency.</p> <ul style="list-style-type: none"> <li>• 10 farmers will adopt separate farm and family budgets.</li> <li>• 10 farmers will utilize their budgets to increase farm profitability.</li> <li>• 10 farmers will adopt a financial record keeping system.</li> <li>• 10 farmers will use their farm goal to make major farm decisions.,</li> </ul>			
--	--	--	--	--	--	--

Inputs	Outputs		Objectives (SMART)	Learning Outcomes	Outcomes ~ Impact	
	Participants	Activities			Action Outcomes	Impact
<ul style="list-style-type: none"> <li>• Grants</li> <li>• Staff time</li> <li>• County mileage funds</li> <li>• Professional development for staff.</li> <li>• Out of state expertise.</li> <li>• Other agency staff (Beginner Farmers, NRCS, etc).</li> <li>• Pertinent research</li> </ul>	Beginner Farmers Established farmers	<ul style="list-style-type: none"> <li>• 5 one-day training sessions around the state over two years</li> <li>• One-on-one farm visits.</li> <li>• Development of educational tools.</li> <li>• Professional development for UNHCE staff.</li> <li>• Research on threshold levels of field crop pests.</li> </ul>	<ul style="list-style-type: none"> <li>• 100 farmers will increase their ability to scout field crops for pest damage, weeds, and nutrient deficiencies.</li> <li>• 30 farmers will use the scouting information to make crop decisions.</li> </ul>	<ul style="list-style-type: none"> <li>• Producers will learn to scout forage crops for insect pests, weeds, and nutrient deficiencies.</li> <li>• Producers will learn to use scouting information to make crop decisions.</li> </ul>	<ul style="list-style-type: none"> <li>• Producers adopt an integrated approach to forage crop pest management.</li> <li>• Producers practice effective nutrient management.</li> </ul>	Producers manage cropland in a way that results in achieving crop production goals while protecting soil and water resources.

**Evaluation Plan – ATTACH**

**Action Plan – ATTACH**