

Outagamie County Dairy Intern

Outagamie County is a dairy rich county with 38,000 dairy cows on approximately 330 dairy farms. Producers are currently faced with high cost of protein supplements, increasing energy costs and environmental concerns with phosphorus as most of the drainage goes into the Wolf and Fox Rivers and associated Green Bay and Lake Winnebago. Producers are faced with increased environmental concerns and a milk to feed ratio that is increasingly tight. To address this issue a summer intern will be hired to work in the area of ration testing to reduce phosphorus and nitrogen waste in feeding and perform or recruit farms to save energy by having an energy audit performed to encourage reduced energy consumption.

This program will cover Outagamie County and the intern will work with Dairy/Livestock agent Zen Miller, Dairy Science Professor Michel Wattiaux and the Focus on Energy personnel. The intern will contact county farmers to encourage sampling of total mixed rations (TMR), milk, manure and energy audits. Lab work will be conducted in Madison with data collection and analyses done by the intern under the supervision of Michel Wattiaux.

Objectives:

1. Reducing ration Phosphorus to improve water quality and reduce cost
2. Improving protein utilization to reduce nitrogen waste and loss
3. Reducing milk house energy usage to improve profit and reduce energy waste.

Evaluation:

Participating farms will be surveyed to determine changes made in phosphorus and protein ration formulation. Farms who conducted an energy audit will be part of a state wide evaluation conducted by Focus on Energy.

Proposed Budget:

Salary	13 weeks @ 40 hours per week @ \$10 per hour	\$5200.00
Benefits	State Student hire 2.5%	\$ 130.00
Mileage & Expenses	4687 miles @ .32	\$1500.00
Total		\$6830.00

Possible Funding Sources

Focus on Energy	\$2000 awarded
District Resource Management	\$2000 requested
Farrington Scholarship	
Dairy Science Department	\$1500 in-kind for TMR, MUN tests ect.
Crowley Fund	