

Extension Program Work Area

Agriculture: Dairy

PWA1: Feed Rations

Rationale

Dairy is in the top 5 largest commodities in Oregon with a farm gate value of \$272 million. Dairy producers provide an important component of the economic base of several rural communities. Challenges include being competitive in the market place, maintaining profitability, management of waste products while preserving environmental quality.

Stake Holder Input

Stakeholder input comes from county, departmental, Agricultural Experiment Station(s), and the College of Agricultural Sciences advisory committees, industry organizations combined with numerous informal contacts between producers and county officials with faculty. Departmental stakeholder advisory committees were utilized to develop a strategic plan that identified the major areas of emphasis for research and Extension program emphasis.

How Stake Holder Input was used to create this PWA

Extension Agriculture faculty use stakeholder input to plan and implement programming based on the needs expressed by local stakeholders. At the same time, Extension Agriculture faculty inform stakeholders about pressing needs within agriculture that may not be a priority for the local community. This interaction between stakeholders and Agriculture professionals ensures that programming is relevant to the local community while reflecting the needs and concerns of producers throughout the state.

Long Term Outcome

Implementing the use of feed rations will improve profitability and decrease nutrient loading and the potential for pollution on land and in surface waters.

Indicators of Successful Achievement of this Outcome

- Number of dairies and number of dairy cows utilizing proper nutritional management.

PWA2: Waste Management Systems

Rationale

Dairy is in the top 5 largest commodities in Oregon with a farm gate value of \$272 million. Dairy producers provide an important component of the economic base of several rural communities. Challenges include being competitive in the market place, maintaining profitability, management of waste products while preserving environmental quality.

Stake Holder Input

Stakeholder input comes from county, departmental, Agricultural Experiment Station(s), and the College of Agricultural Sciences advisory committees, industry organizations

combined with numerous informal contacts between producers and county officials with faculty. Departmental stakeholder advisory committees were utilized to develop a strategic plan that identified the major areas of emphasis for research and Extension program emphasis.

How Stake Holder Input was used to create this PWA

Extension Agriculture faculty use stakeholder input to plan and implement programming based on the needs expressed by local stakeholders. At the same time, Extension Agriculture faculty inform stakeholders about pressing needs within agriculture that may not be a priority for the local community. This interaction between stakeholders and Agriculture professionals ensures that programming is relevant to the local community while reflecting the needs and concerns of producers throughout the state.

Long Term Outcome

Use of improved and science based waste management systems will decrease regulatory compliance issues and decrease some waste handling costs while protecting soil and water quality. Manure use for crop and pasture fertilization will be optimized for the beneficial use of manure.

Indicators of Successful Achievement of this Outcome

- Number of dairies with regulatory compliance issues.
- Water and soil quality parameters from participating farmers will improve.
- Substitution of chemical fertilizers used on pastures and crops with manure.

PWA3: Legislative Awareness

Rationale

Dairy is in the top 5 largest commodities in Oregon with a farm gate value of \$272 million. Dairy producers provide an important component of the economic base of several rural communities. Challenges include being competitive in the market place, maintaining profitability, management of waste products while preserving environmental quality.

Stake Holder Input

Stakeholder input comes from county, departmental, Agricultural Experiment Station(s), and the College of Agricultural Sciences advisory committees, industry organizations combined with numerous informal contacts between producers and county officials with faculty. Departmental stakeholder advisory committees were utilized to develop a strategic plan that identified the major areas of emphasis for research and Extension program emphasis.

How Stake Holder Input was used to create this PWA

Extension Agriculture faculty use stakeholder input to plan and implement programming based on the needs expressed by local stakeholders. At the same time, Extension Agriculture faculty inform stakeholders about pressing needs within agriculture that may not be a priority for the local community. This interaction between stakeholders and

Agriculture professionals ensures that programming is relevant to the local community while reflecting the needs and concerns of producers throughout the state.

Long Term Outcome

Better understanding of the costs, benefits, and potential impact of legislation on the dairy industry, and thus more economically and environmentally sustainable systems for dairy and beef production.

Indicators of Successful Achievement of this Outcome

Dairy industry leaders, policy makers and other interested stakeholders will be better informed about the science basis for policy issues under consideration.

Created 2007