

Agriculture and Natural Resources Extension

2009-2013 Plans of Work Update

150 Iowa Pork Industry Center

Objectives:

Overarching Objectives:

1. Environmental, economic and social sustainability of the pork industry in Iowa.
2. Rural economic development for Iowa.
3. Development of the next generation of the pork industry in Iowa.

Specific sub-objectives:

- Have 10,000 premises registered in the national animal ID program.
- Expose 500 pork producers to large pen gestation systems and their management.
- Educate Iowa producers on the value of transport and aerosol transmission of disease pathogens.
- Have 60% of pork producers use manure testing information to manage their manure.
- Inform the industry building new production facilities in the state on the advantages of “low density” systems.
- Work with scientific, governmental and industry efforts to delineate the causation of odor from swine facilities.
- Install BLUP Sow Indexing systems at more than ten Iowa swine farms each year.
- Cooperate with more than 100 Iowa sow farms in their efforts to extend sow longevity.
- Create a benchmarking program of post-weaning performance from more than 50 Iowa swine farms.
- Work with more than 500 Iowa swine farms in their manure management programs.
- Conduct EMS training sessions for more than 1000 Iowa swine farms.
- Maintain and expand the cooperative work with at least three producer peer groups.
- Work with 100 producers on siting questions, business plans, production practices for the construction of new swine facilities in rural areas of Iowa.
- Cooperate with DNR in interpreting the rules and regulations pertaining to confinement animal units in rural Iowa.
- Work with five AI studs in rural Iowa on their expansion and biosecurity issues.
- Coordinate the Iowa State Fair Derby swine show with over 500 youth participating annually.
- Work with the Iowa State University Animal Science Department staff in their Roundup program for student recruitment.
- Cooperate with appropriate state staff and ISU Extension field staff to offer multiple pork-related workshops during the annual Iowa State 4-H Youth Conference.
- Have ten students complete the Swine Fellows program annually at ISU.
- Work with the IPPA in its Youth Ambassador Program with at least ten youth completing the program each year.

- Scan over 2,000 pigs at 30 county fairs around Iowa each year.
- Judge youth swine shows at more than 25 youth events annually.
- Work with 50 crop producers to broaden their agricultural enterprise to include swine production facilities in order to bring another family member into the business.
- Work with the suppliers to the packers of Iowa to meet the quality management systems requirement, such as PQA+.

Outputs:

151 – National animal ID program: Number of premises registered in the national animal ID program (cumulative).

100% of commercial swine premises in Iowa will be registered in NAID program by 2012.

152 – Animal Handling and well-being: Number of producers trained in PQA+ and youth trained in FSQA. (Selected for more comprehensive evaluation)

8,000 Iowa pork producers will be certified in PQA+ by December 2012.

153 – Manure testing and utilization: Number of pork producers using manure testing information to manage swine manure application (cumulative).

IPIC and ISU Extension field specialists will plan content for delivery of the annual confinement site manure application certification program to 70 county ISU Extension offices by 2009.

154 – Business management strategies: Number of pork production farms with accurate cost of production records. (Selected for more comprehensive evaluation)

Expose 10% of Iowa swine producers to appropriate decision-making tools for production, marketing and resource management by 2010.

155 – Quality management systems: Number of swine farms to participate in EMS training sessions (cumulative).

Four multi-county production systems in Iowa will have production-specific EMS programs in place by December 2009.

156 – Youth/consumer programs: Number of youth participating in the Iowa State Fair swine programs (annually).

Three pork related workshops for 20 participants each will be offered during the Iowa 4-H Youth Conference annually.

157 – Pork and crop farm synergies: Number of crop producers who broaden their agricultural enterprise to include swine production facilities in order to bring another family member into the business (annually).

158 – Production systems and practices: Number of pork producers who adopt more competitive production systems and practices.

Introduce a long-term program to improve economic efficiency of 8,000 Iowa swine operations through an integrated approach in an energy-deficient environment.

159 – Animal health improvement: Number of producers who adopt improved animal health protocols or procedures.

Assist state leadership facilitate an environment for disease control and eradication efforts.

Outcome Indicators: Projections for 2009-2013 POW.

- Number of premises registered in the national animal ID program.
- Pork producers exposed to large pen gestation systems and their management.
- Percent of Iowa of pork producers use manure testing information to manage their manure.
- Informational meetings held in the state on the advantages of “low density” systems.
- Number of cooperative scientific, governmental and industry efforts to delineate the causation of odor from swine facilities.
- Number of BLUP Sow Indexing systems in use at Iowa swine farms.
- Cooperative efforts with Iowa sow farms in their efforts to extend sow longevity.
- Number of herds, groups and pigs included in a benchmarking program of post-weaning performance from different Iowa swine farms.
- Number of Iowa swine farms with manure management programs.
- Attendance at EMS training sessions for Iowa swine farms.
- Number of producers seeking assistance on siting questions, business plans, production practices for the construction of new swine facilities in rural areas of Iowa.
- How many AI studs in rural Iowa we are working with on their expansion and biosecurity issues.
- Participation level at the Iowa State Fair Derby swine show.
- Attendance at the Iowa State University Animal Science Department Roundup program for student recruitment.
- Offer multiple pork-related workshops during the annual Iowa State 4-H Youth Conference.
- Number of students completing the Swine Fellows program annually at ISU.
- Cooperative efforts with the IPPA in its Youth Ambassador Program.
- Number of pigs scanned at 30 county fairs around Iowa each year.
- Number of youth swine shows judged at more than youth events annually.
- How many crop producers decide to broaden their agricultural enterprise to include swine production facilities in order to bring another family member into the business.
- Number of packing plants and their vendors who meet required quality management systems requirement, such as PQA+.