

Evaluating Indicators in the Animal Production and Management and Plant Production and Management (Youth) Concentration Areas

This document contains survey statements for evaluating indicators in the Animal Production and Management (Youth) and Plant Production and Management (Youth) concentration areas addressed by the 4-H Agriculture & Animal Sciences Core Program Area. *Extension agents should contact specialists/state contacts in this concentration area for guidance on how to evaluate learning opportunities in this area.*

The indicators for this concentration area consist of short-term and medium-term outcomes as indicated in Table 1.

- **Short-Term Program Metrics (PM):** Indicators designated as short-term program metrics (PM) do not require a survey and are typically measured using program data and other program evaluation/process monitoring information (e.g. attendance/sign in sheets, participant records, participatory evaluation).
- **Short-Term Outcomes (ST):** Indicators designated as short-term (ST) represent expected **immediate** outcomes of UK Extension Agriculture & Animal Sciences (Youth) programs. These indicators are measured using post-participation evaluation tools/surveys.
- **Medium-Term Outcomes (MT):** Indicators designated as medium-term (MT) represent expected **behavior change** outcomes of UK Extension Agriculture & Animal Sciences (Youth) programs. Behavior change typically requires time to mature. Hence, these indicators are measured using follow-up evaluation tools/surveys.

Table 1: Indicators and Survey Statements

Concentration Area: Animal Production and Management (Youth)			
KERS Indicator #	Indicator	Statements (Y/N)	Timeline for Evaluation
101.1	Number of youth who reported that they have realized the impact animal production has in daily life.	Since participating in [XYZ-Name of Program], I have realized the impact animal production has in daily life.	ST

101.2	Number of youth who reported that they have taken steps to pursue gaining more knowledge for a job in animal production based on their interests.	Since participating in [XYZ-Name of Program], I have taken steps to pursue gaining more knowledge for a job in animal production based on my interests.	MT
101.3	Number of youth who reported that they used knowledge and/or skills gained in animal production to complete a project.	Since participating in [XYZ-Name of Program], I have used knowledge and/or skills gained in animal production to complete a project.	MT
101.4	Number of youth who reported that they adopted/applied one or more animal production practices.	Since participating in [XYZ-Name of Program], I have adopted or applied one or more animal production practices.	MT
101.5	Number of youth who reported that they have an interest in animal production.	Since participating in [XYZ-Name of Program], I have an interest in animal production.	ST
101.6	Number of youth who reported that they have identified at least one job/career in animal production and management that fits their interest.	Since participating in [XYZ-Name of Program], I have identified at least one job/career in animal production and management that fits my interest.	ST
101.7	Number of youth who reported that they understand animal production concepts and ideas.	Since participating in [XYZ-Name of Program], I understand animal production concepts and ideas.	ST

Concentration Area: Plant Production and Management (Youth)

KERS Indicator #	Indicator	Statements (Y/N)	Timeline for Evaluation
102.1	Number of youth who reported increased understanding of the	Since participating in [XYZ-Name of Program], I have realized the impact plant production has in daily life.	ST

	impact (or role) of plant production in their daily lives.		
102.2	Number of youth who reported an increased interest in plant production and management.	Participating in [XYZ-Name of Program] increased my interest in plant production and management.	ST
102.3	Number of youth who reported that they understand plant production concepts and ideas.	Since participating in [XYZ-Name of Program], I understand plant production concepts and ideas.	ST
102.4	Number of youth who reported that they have identified at least one job/career in plant production and management that fits their interest.	Since participating in [XYZ-Name of Program], I have identified at least one job/career in plant production and management that fits my interest.	ST
102.5	Number of youth who reported that they have used the knowledge and skills gained in plant production to make informed decisions.	Since participating in [XYZ-Name of Program], I have used knowledge and/or skills gained in plant production to make informed decisions.	MT
102.6	Number of youth who reported that they have used the knowledge and/or skills gained in plant production to complete a project.	Since participating in [XYZ-Name of Program], I have used knowledge and/or skills gained in plant production to complete a project.	MT
102.7	Number of youth who reported that they have taken steps to pursue gaining more knowledge for a job in plant production based on their interests.	Since participating in [XYZ-Name of Program], I have taken steps to pursue gaining more knowledge for a job in plant production based on my interests.	MT