



PREQUALIFYING RUBRIC:

Student Researcher(s):

Pathway:

State:

Grade Level:

Area	High Points	Medium Points	Low Points	Points Possible	Points Earned
Abstract	Abstract is brief and concisely describes the purpose, methods, results and conclusions. Abstract does not include cited references. Abstract is no longer than one page. Arrangement makes the purpose, procedure, results and conclusions clear. (3 points)	Abstract describes the purpose, methods, results and conclusions. Abstract does not include cited references. Abstract is longer than one page. Arrangement makes the purpose, procedure, results and conclusions vague. (1 point)	Abstract poorly describes the purpose, methods, results and conclusions. Abstract includes cited references. Abstract is longer than one page. Arrangement makes the purpose, procedure, results and conclusions unclear. (0 points)	3	
Introduction	Introduction answers the question "Why was the work done?" It clearly states the problem that justifies conducting the research, the purpose of the research, its impact on agriculture, the findings of earlier work, and the general approach and objectives. (10-7 points)	Introduction answers the question "Why was the work done?" It vaguely states the problem that justifies conducting the research, the purpose of the research, its impact on agriculture, the findings of earlier work, and the general approach and objectives. (6-4 points)	Introduction does not answer the question "Why was the work done?" It does not state the problem that justifies conducting the research, the purpose of the research, its impact on agriculture, the findings of earlier work, and the general approach and objectives. (3-0 points)	10	
Literature Review	The literature review details what information currently exists concerning the research project. The information includes materials used in the research and material cited such as articles about similar studies, similar research methods, history of the research area and other items that support the current knowledge base for the topic and how the project might complement existing information. (10-7 points)	The literature review poorly details what information currently exists concerning the research project. The information may or may not include materials used in the research. Some materials cited include articles about similar studies, similar research methods and history of the research area. How the project might complement existing information is not clear. (6-4 points)	The literature review does not detail what information currently exists concerning the research project. There is no information included or it does not reference materials used in the research. No information cited such as articles about similar studies, similar research methods or history of the research area. How the project might complement existing information is not clear. (3-0 points)	10	
Materials and Methods	Clearly written to enable others to replicate the study and results. Section is written in third person, encompasses all materials required, states the hypothesis/research questions and explains the study design. If used, the statistical procedures are included. A narration of the steps taken to complete the experiment is included. (15-11 points)	Not written clearly to enable others to replicate the study and results. Section may or may not be written in third person, encompasses all materials required, states the hypothesis/research questions and explains the study design. The statistical procedures are included but are unclear. A narration of the steps taken to complete the experiment is included. (10-5 points)	Written poorly so others cannot replicate the study and results. Section is not written in third person, does not encompass all materials required for the research and hypothesis/research questions are not stated. The statistical procedures are not included. Steps taken to complete the experiment are listed. (4-0 points)	15	

Area	High Points	Medium Points	Low Points	Points Possible	Points Earned
Results	Written results of the project are summarized. Trends and relationships are clearly addressed. No conclusions are made in this section. Data that can stand alone in the form of tables and/or figures are included. (20-14 points)	Written results of the project are incompletely summarized. Trends and relationships are vague. No conclusions are made in this section. Data that can stand alone in the form of tables and/or figures are sometimes included. (13-7 points)	Written results of the project are poorly summarized. Trends and relationships are not addressed. Data is not appropriately included as tables and figures. (6-0)	20	
Discussion and Conclusions	Brief recap of the results is included and shows how they were the foundation of the study. Sound reasoning is shown that conclusions are based on results, incorporates previous literature and relates directly to the hypothesis. Discussion refers to or references facts and figures in results section and provides recommendations for practice, future research and the impact on the agriculture industry. (15-11 points)	Brief recap of the results is included and shows how they were the foundation of the study. Unsound reasoning is shown that conclusions are based on results, vaguely incorporates previous literature and partially relates to the hypothesis. Discussion refers to or references facts and figures in results section and provides recommendations for practice, future research and the impact on the agriculture industry. (10-5 points)	No recap of the results is included or poorly shows how they were the foundation for the study. Conclusions are not based on results, previous literature not included and do not relate directly to the hypothesis. Discussion poorly refers to or references facts and figures in the results section and does not provide recommendations for practice, future research and does not illustrate the impact on the agriculture industry. (4-0 points)	15	
Acknowledgements	Detailed list or paragraph is included acknowledging anyone who assisted with any aspect of the project and how they helped. (3 points)	A list or paragraph is included acknowledging anyone who assisted with any aspect of the project. (2-1 points)	A list or paragraph is not included acknowledging anyone who assisted with any aspect of the project and how they helped. (0 points)	3	
References	References contain significant, published and relevant sources. (2 points)	References listed are somewhat significant, published and relevant sources. (1 point)	References listed are not significant, published and relevant sources. (0 points)	2	
APA Style/Spelling	APA citation style writing is used throughout the report. No spelling or grammar errors are present. (2 points)	APA citation style writing is used. Minor spelling or grammar errors are present. (1 point)	APA citation style writing is not used. Excessive spelling or grammar errors are present. (0 points)	2	

Area	Skill #	Assessment of Skill	High Points	Mid Points	Low Points	Points possible	Points Earned
Skills, Competencies and Knowledge within Primary Pathway (Score each selected indicator. No selected indicator equals zero points.)	Primary Pathway: Indicator A1	Relevance to Project	The selected indicator clearly applies to the projects detailed in the application. (max .5 pts)	Selected indicator vaguely applies to the projects detailed in the application. (max 0 pts)	The selected indicator does not apply to the project detailed in the application (Zero Score for the entire indicator)	0.5	
		Relevance of Activity to Indicator	The described activity is completely and clearly related to the selected indicator. (max .5 pts)	The described activity is vaguely related to the selected indicator. (max 0 pts)	The described activity is not related to the selected indicator. (Zero Score for the entire indicator)	0.5	
		Quality of Description	The provided description clearly demonstrates the applicant's performance indicator. (max 3 pts)	The provided description vaguely demonstrates the applicant's performance indicator. (max 1.9 - 1 pts)	The provided description is unclear and/or does not demonstrate the applicant's performance indicator. (0 pts)	3	

Area	Skill #	Assessment of Skill	High Points	Mid Points	Low Points	Points possible	Points Earned
Skills, Competencies and Knowledge within Primary Pathway (Score each selected indicator. No selected indicator equals zero points.)	Primary Pathway: Indicator A2	Relevance to Project	The selected indicator clearly applies to the projects detailed in the application. (max .5 pts)	Selected indicator vaguely applies to the projects detailed in the application. (max 0 pts)	The selected indicator does not apply to the project detailed in the application (Zero Score for the entire indicator)	0.5	
		Relevance of Activity to Indicator	The described activity is completely and clearly related to the selected indicator. (max .5 pts)	The described activity is vaguely related to the selected indicator. (max 0 pts)	The described activity is not related to the selected indicator. (Zero Score for the entire indicator)	0.5	
		Quality of Description	The provided description clearly demonstrates the applicant's performance indicator. (max 3 pts)	The provided description vaguely demonstrates the applicant's performance indicator. (max 1.9 - 1 pts)	The provided description is unclear and/or does not demonstrate the applicant's performance indicator. (0 pts)	3	
Skills, Competencies and Knowledge within Primary Pathway (Score each selected indicator. No selected indicator equals zero points.)	Primary Pathway: Indicator A3	Relevance to Project	The selected indicator clearly applies to the projects detailed in the application. (max .5 pts)	Selected indicator vaguely applies to the projects detailed in the application. (max 0 pts)	The selected indicator does not apply to the project detailed in the application (Zero Score for the entire indicator)	0.5	
		Relevance of Activity to Indicator	The described activity is completely and clearly related to the selected indicator. (max .5 pts)	The described activity is vaguely related to the selected indicator. (max 0 pts)	The described activity is not related to the selected indicator. (Zero Score for the entire indicator)	0.5	
		Quality of Description	The provided description clearly demonstrates the applicant's performance indicator. (max 3 pts)	The provided description vaguely demonstrates the applicant's performance indicator. (max 1.9 - 1 pts)	The provided description is unclear and/or does not demonstrate the applicant's performance indicator. (0 pts)	3	
Skills, Competencies and Knowledge within Primary Pathway (Score each selected indicator. No selected indicator equals zero points.)	Primary Pathway: Indicator A4	Relevance to Project	The selected indicator clearly applies to the projects detailed in the application. (max .5 pts)	Selected indicator vaguely applies to the projects detailed in the application. (max 0 pts)	The selected indicator does not apply to the project detailed in the application (Zero Score for the entire indicator)	0.5	
		Relevance of Activity to Indicator	The described activity is completely and clearly related to the selected indicator. (max .5 pts)	The described activity is vaguely related to the selected indicator. (max 0 pts)	The described activity is not related to the selected indicator. (Zero Score for the entire indicator)	0.5	
		Quality of Description	The provided description clearly demonstrates the applicant's performance indicator. (max 3 pts)	The provided description vaguely demonstrates the applicant's performance indicator. (max 1.9 - 1 pts)	The provided description is unclear and/or does not demonstrate the applicant's performance indicator. (0 pts)	3	

Area	Skill #	Assessment of Skill	High Points	Mid Points	Low Points	Points possible	Points Earned
Skills, Competencies and Knowledge within Primary Pathway (Score each selected indicator. No selected indicator equals zero points.)	Primary Pathway: Indicator A5	Relevance to Project	The selected indicator clearly applies to the projects detailed in the application. (max .5 pts)	Selected indicator vaguely applies to the projects detailed in the application. (max 0 pts)	The selected indicator does not apply to the project detailed in the application (Zero Score for the entire indicator)	0.5	
		Relevance of Activity to Indicator	The described activity is completely and clearly related to the selected indicator. (max .5 pts)	The described activity is vaguely related to the selected indicator. (max 0 pts)	The described activity is not related to the selected indicator. (Zero Score for the entire indicator)	0.5	
		Quality of Description	The provided description clearly demonstrates the applicant's performance indicator. (max 3 pts)	The provided description vaguely demonstrates the applicant's performance indicator. (max 1.9 - 1 pts)	The provided description is unclear and/or does not demonstrate the applicant's performance indicator. (0 pts)	3	
TOTAL SCORE (100 points possible) This constitutes 25% of the overall score to determine final ranking							

*In the event of a tie, qualification for the agriscience fair will be based on the scores received in the following sections in order: discussion, conclusions, results, importance, summary.