Agriscience Research Proficiency 2025

Performance Review A	High Points	Mid Points	Low Points
SAE Description & Explanation Performance Review A, Question 1 Score: _____	**3** Clearly and specifically describes what the project is and how member started it. If project involves non-cash exchanges or trades they are specifically explained.	**2 to 1** Provides a basic explanation of the project but lacks clear and specific detail of what project is and how member started it. If present non-cash or trade arrangements are mentioned but lack specific details.	**0 to -1** Provides a vague/unclear understanding of what the project is and/or how member started it. If present, non-cash or trade arrangements are mentioned but do not provide enough detail to be clearly understood.
Roles, Responsibilities and/or Management Decisions Made Performance Review A, Question 2 Description Score: _____	**1** Response demonstrates a clear description of roles, responsibilities and/or management decisions made related to their SAE program.	**0.5** Response demonstrates a limited description of roles, responsibilities and/or management decisions made related to their SAE program.	**0** Response demonstrates little or no description of roles, responsibilities, and/or management decisions made related to their SAE program.
Roles, Responsibilities and/or Management Decisions Made Performance Review A, Question 2 Change or progression (growth) Score: _____	**2** Response demonstrates significant change or progression (growth) of roles, responsibilities and/or management decisions made over time period represented.	**1.5 to 0.5** Response demonstrates limited change or progression (growth) of roles, responsibilities and/or management decisions made over time period represented.	**0 to -1** Response demonstrates no change or progression (growth) of roles, responsibilities and/or management decisions made over time period represented.
Challenges Performance Review A, Question 3 Explanation Score: _____	**1** Response demonstrates a complete explanation of the challenge and steps utilized to address the challenge.	**0.5** Response demonstrates a limited explanation of the challenge and steps utilized to address the challenge.	**0** Response demonstrates little or no explanation of the challenge and steps utilized to address the challenge.
Challenges Performance Review A, Question 3 Involvement Score: _____	**2** Response demonstrated candidate's complete involvement in addressing the challenge.	**1.5 to 0.5** Response demonstrated candidate's limited involvement in addressing the challenge.	**0 to -1** Response demonstrated no involvement in addressing the challenge.
Performance Review B	High Points	Mid Points	Low Points
Progress - Accomplishments & Awareness Performance Review B, Question 1 Score: _____	**3** Response clearly identifies and describes a measurable accomplishment that influenced the growth and success of the project.	**2 to 1** Response identifies and describes an accomplishment that influenced the growth and success of the project but provides little clarity, detail or measurability.	**0 to -1** Response identifies and describes an accomplishment that had little or no influence on the growth and success of the project or provides no clarity, detail or measurability.
Progress - Accomplishments & Awareness Performance Review B, Question 2 Score: _____	**3** Response clearly identifies and describes a measurable accomplishment that influenced the growth and success of the project.	**2 to 1** Response identifies and describes an accomplishment that influenced the growth and success of the project has little clarity, detail or measurability.	**0 to -1** Response identifies and describes an accomplishment that had little or no influence on the growth and success of the project or provides no clarity, detail or measurability.

Progress - Accomplishments & Awareness - Issue/Trend/Tech/Policy Impact Performance Review B, Question 3 Score: _____	**3** Response clearly identifies one issue, trend, technology or public policy that impacted the project. Describes the specific & measurable impact in detail. .	**2 to 1** Response identifies an issue, trend, technology or public policy that impacted the project. Describes the impact vaguely and/or impact description is not specifically measurable.	**0 to -1** Response does not identify a relevant issue, trend, technology or public policy that impacted the project. Impact is poorly or not at all described or understood or had no measurable impact.
Performance Review C	High Points	Mid Points	Low Points
Career Exploration & Development Performance Review C, Question 1 Score: _____	**2** Career objective is clear and in a specific career field. Career exploration and research steps to research this choice are described in detail. **NOTE:** *Career objective does not have to be related to agriculture or natural resources.*	**1** Career objective is vague and is more of a general field rather than a specific career. Exploration and research steps are not clear or specific. **NOTE:** *Career objective does not have to be related to agriculture or natural resources.*	**0 to -1** Career objective is missing or not well defined. Little to no exploration or career research is described. **NOTE:** *Career objective does not have to be related to agriculture or natural resources.*
Career Exploration & Development Performance Review C #2 Opportunity 1 Score: _____	**3** Experience/activity/opportunity described is clear and specific. Convincingly describes how the activity provided preparation for named career.	**2 to 1** Experience/activity/opportunity is vaguely described. How the activity provided preparation for named career is only vaguely shown or is unrealistic.	**0 to -1** Experience/activity/opportunity is missing or not well described. How the activity provided preparation for named career is not established or is wildly unrealistic.
Career Exploration & Development Performance Review C #2 Opportunity 2 Score: _____	**3** Experience/activity/opportunity described is clear and specific. Convincingly describes how the activity provided preparation for named career.	**2 to 1** Experience/activity/opportunity is vaguely described. How the activity provided preparation for named career is only vaguely shown or is unrealistic.	**0 to -1** Experience/activity/opportunity is missing or not well described. How the activity provided preparation for named career is not established or is wildly unrealistic.
SAE Agriscience	High Points	Mid Points	Low Points
Research Projects: Information, Financials and Summary (Aspect 1) One per project reported. Score: _____	**2 to 1.5** Candidate clearly describes hours and expense records for each of the research projects reported over the time period represented.	**1** Candidate vaguely describes hours and expense records for each of the research projects reported over the time period represented.	**0.5 to 0** Candidate minimally or does not describe hours and expense records for the research projects reported.
Research Projects: Information, Financials and Summary (Aspect 2) One per project reported. Score: _____	**4 to 2.5** Expense records or justification for no expenses are reasonable for the agriculturally related research projects.	**2 to 1** Expense records or justification for no expenses are somewhat reasonable for the agriculturally related research projects.	**0.5 to 0** Expense records are not reasonable or no expense justification is provided for the agriculturally related research projects.
Research Projects: Abstract (Aspect 1) One per project reported. Score: _____	**4 to 3.5** Candidate provided a well written abstract for each of the research projects reported over the time period represented.	**3 to 2** Candidate provided a vague abstract for research projects reported over the time period represented.	**1.5 to 0** Candidate provided an inadequate or lacks an abstract for the research projects reported over the time period represented.
Research Projects: Abstract (Aspect 2) One per project reported. Score: _____	**6 to 4.5** Abstracts clearly describe the purpose of each research project.	**4 to 2** Abstracts partially describe the purpose of each research project.	**1.5 to 0** Abstracts vaguely describe the purpose of each research project.
Research Projects: Procedure One per project reported. Score: _____	**10 to 8** Candidate clearly identifies the procedure used to conduct each research project reported.	**7 to 4** Candidate partially identifies the procedure used to conduct each research project reported.	**3 to 0** Candidate vaguely identifies the procedure used to conduct each research project reported.
Research Projects: Conclusion One per project reported. Score: _____	**10 to 8** Candidate clearly reports outcomes in the conclusion for each research project reported.	**7 to 4** Candidate partially reports outcomes in the conclusion section for each research project reported.	**3 to 0** Candidate vaguely reports outcomes in the conclusion for each research project reported.
Learning Outcomes & Efficiency Factors	High Points	Mid Points	Low Points

Learning Outcomes & Efficiency Factors Score: _____	**8 to 6** 4 or more responses reflective of SAE. Each clearly demonstrates measurable improvement of efficiencies over time period reported, or clearly identifies how poor efficiencies led to decision improving overall SAE enterprises or activities.	**5 to 3** 2-3 responses, or listed responses are not clearly measurable or only partially demonstrate improvements of efficiencies over time period reported, or partially identifies how poor efficiencies led to decision improving overall SAE enterprises or activities.	**2 to 0** 2- 0 responses or responses are not measurable or do not demonstrate or relate improvements of efficiencies to the SAE over time period reported, or does not identify how poor efficiencies lead to decision improving overall SAE enterprises or activities.
Primary Pathway Indicator - A1	High Points	Mid Points	Low Points
Relevance to Project - A1 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - A1 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire indicator)*
Quality of Description - A1 If Relevance to Project - A1 or Relevance of Activity to Indicator - A1 is zero, score the entire Indicator - A1 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Primary Pathway Indicator - A2	High Points	Mid Points	Low Points
Relevance to Project - A2 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - A2 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire indicator)*
Quality of Description - A2 If Relevance to Project - A2 or Relevance of Activity to Indicator - A2 is zero, score the entire Indicator - A2 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Primary Pathway Indicator - A3	High Points	Mid Points	Low Points
Relevance to Project - A3 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*

Relevance of Activity to Indicator - A3 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire indicator)*
Quality of Description - A3 If Relevance to Project - A3 or Relevance of Activity to Indicator - A3 is zero, score the entire Indicator - A3 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Primary Pathway Indicator A4	High Points	Mid Points	Low Points
Relevance to Project - A4 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - A4 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire indicator)*
Quality of Description - A4 If Relevance to Project - A4 or Relevance of Activity to Indicator - A4 is zero, score the entire Indicator - A4 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Primary Pathway Indicator A5	High Points	Mid Points	Low Points
Relevance to Project - A5 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - A5 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire indicator)*
Quality of Description - A5 If Relevance to Project - A5 or Relevance of Activity to Indicator - A5 is zero, score the entire Indicator - A5 zero. Score: _____	**3 to 2.5** •Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Any Pathway Indicator B6	High Points	Mid Points	Low Points

	High Points	Mid Points	Low Points
Relevance to Project - B6 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - B6 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire indicator)*
Quality of Description - B6 If Relevance to Project - B6 or Relevance of Activity to Indicator - B6 is zero, score the entire Indicator - B6 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Any Pathway Indicator B7	High Points	Mid Points	Low Points
Relevance to Project - B7 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - C7 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire Indicator)*
Any Pathway Indicator B7 If Relevance to Project - B7 or Relevance of Activity to Indicator - B7 is zero, score the entire Indicator - B7 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Career Ready Practices or Cluster Skills Indicator C8	High Points	Mid Points	Low Points
Relevance to Project - C8 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - C8 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire Indicator)*
Career Ready and Cluster Indicator - C8 If Relevance to Project - C8 or Relevance of Activity to Indicator - C8 is zero, score the entire Indicator - C8 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.

Career Ready Practices or Cluster Skills Indicator C9	High Points	Mid Points	Low Points
Relevance to Project - C9 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - C9 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire Indicator)*
Career Ready and Cluster Indicator - C9 If Relevance to Project - C9 or Relevance of Activity to Indicator - C9 is zero, score the entire Indicator - C9 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Career Ready Practices or Cluster Skills Indicator C10	High Points	Mid Points	Low Points
Relevance to Project - C10 Score: _____	**0.5 to** Selected Indicator clearly applies to project detailed in application.	**0** Selected Indicator vaguely applies to project detailed in application.	**0** Selected Indicator does not apply to project detailed in application. *(Zero Score for entire indicator)*
Relevance of Activity to Indicator - C10 Score: _____	**0.5 to** Described activity is completely and clearly related to selected Indicator.	**0** Described activity is vaguely related to selected Indicator.	**0** Described activity is not related to selected Indicator. *(Zero Score for entire Indicator)*
Career Ready and Cluster Indicator - C10 If Relevance to Project - C10 or Relevance of Activity to Indicator - C10 is zero, score the entire Indicator - C10 zero. Score: _____	**3 to 2.5** Provided description clearly demonstrates applicant performing Indicator.	**2 to 0.5** Provided description vaguely demonstrates applicant performing Indicator.	**0** Provided description is unclear and/or does not demonstrate applicant performing Indicator.
Photos	High Points	Mid Points	Low Points
Safety Photos Photo Pages 1-2 Score: _____	**2** Candidate submitted two high quality photos with clear and specific captions that demonstrate and describe safety practices relevant to the project described in the application.	**1** Candidate submitted two quality photos with vague and general captions that somewhat demonstrate and describe safety practices relevant to the project described in the application.	**0.5 to 0** Candidate submitted two photos or fewer photos with captions that very generally or poorly demonstrate and describe safety practices relevant to the project described in the application.
Project Photos Photo Pages 3-6 Score: _____	**4 to 3** Candidate submitted four high quality photos with clearly descriptive captions that demonstrate the overall growth and success of the SAE.	**2 to 1** Candidate submitted four quality photos with slightly vague captions that marginally demonstrate the overall growth and success of the SAE.	**0.5 to 0** Candidate submitted four poor quality photos with non-descriptive captions that poorly demonstrate the overall growth and success of the SAE or submits fewer than four photos.
Supplemental Information	High Points	Mid Points	Low Points

Supplemental Information Score: _____	**2** Candidate submitted at least one additional page of SAE related information that added value to the application.	**1** Candidate submitted an additional page(s) of SAE related information that added limited value to the application.	**0** Candidate submitted no additional page(s) of SAE related information or the page(s) added little or no value to the application.
Spelling and Grammar	High Points	Mid Points	Low Points
Spelling and Grammar Score: _____	**2** Candidate makes no errors in grammar or spelling that distracts the reader from the content.	**1** Candidate makes a few grammar and/or spelling errors that distract the reader from the content.	**0** Candidate makes numerous grammar and/or spelling errors that distracts the reader from the content.
Staff Review	YES		NO
Application needs staff review. Provide detailed explanation of what staff should review in comments, including the specific section of the application in question.	**YES** **FLAG** - please use the yellow comments (right) to specifically describe reason for flag. **PLEASE NOTE**: Please use the Padlet Discussion Board to ask staff questions and get answers. Questions asked here cannot be responded to in a timely manner.		**NO** **NO FLAG** - No staff review needed.
Publish Story Recommendation	**YES** **Publish Recommendation** The project described in this application is unique, unusual or especially interesting. Staff should review for possible use in magazine or social media stories. *This recommendation has zero impact on score or rank of application, quality of application is not relevant.*		**NO** **No Recommendation** *Zero impact on score or rank of application.*
Total: _____ of 120			