

## Wisconsin FFA Agriscience Fair Judges Rubric (Written Report Grades 7-8)

Name: \_\_\_\_\_ Chapter: \_\_\_\_\_

Category: AS ES FPS PS PST SS Division: 1 2 3 4 5 6

<b>Importance</b> Score = 10 points _____	Advanced 10-9	Very Proficient 8-6	Proficient 5-3	Developing 2-1	Need to Include 0
<b>Purpose/Question/Problem:</b> 1) Topic is original <b>OR</b> presents an original variation to already completed research 2) Impact this experiment could make on agriculture 3) Why is the topic important to the Ag industry? 4) What problem does the investigation solve for agriculture? 5) Use If, Then, Because format.					
<b>Other's Work</b> Score = 15 points _____	Advanced 15-13	Very Proficient 12-9	Proficient 8-4	Developing 3-1	Need to Include 0
1) Research cited that is similar to research conducted 2) Research cited that led to ideas and protocol of research conducted and how might tie together 3) Includes references at top, then a paragraph summarizing the information provided.					
<b>Materials/Methods</b> Score = 10 points _____	Advanced 10-9	Very Proficient 8-6	Proficient 5-3	Developing 2-1	Need to Include 0
1) All materials required for this lab can be found in written procedures. 2) Procedure could be repeated by another 3) Detailed explanation of why key steps were conducted 4) If used, statistical procedures included.					
<b>Hypothesis/Anticipate Results</b> Score = 5 points _____	Advanced 5	Very Proficient 4	Proficient 3-2	Developing 1	Need to Include 0
<b>Hypothesis/Variables:</b> 1) Independent & Dependent Variables Identified 2) Dependent variables caused by independent variables 3) Controlled Variables Identified and held steady 4) Is a potential answer to the question provided 5) The hypothesis should be written in an If, Then, Because statement.					
<b>Skill Development</b> Score = 5 points <u>N/A</u> <i>This is required for Nationals- First Place Winner should copy skills from National Application</i>	Advanced 5	Very Proficient 4	Proficient 3-2	Developing 1	Need to Include 0
1) 3 competencies (2 pathway + 1 Other)	N/A	N/A	N/A	N/A	N/A
<b>Spelling/Grammar</b> Score = 5 points _____	Advanced 5	Very Proficient 4	Proficient 3-2	Developing 1	Need to Include 0
1) Uses complete sentences					

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2) No spelling or grammatical errors					
<b>Results/Data</b> Score = 20 points _____	<b>Advanced</b> 20-16	<b>Very Proficient</b> 15-11	<b>Proficient</b> 10-6	<b>Developing</b> 5-1	<b>Need to Include</b> 0
1) Sufficient data to accept or reject hypothesis 2) There is Quantitative Data in chart with an Average 3) There is Qualitative Data explained (photo data and observations) 4) Written in Third person 5) Graph includes title, labeled axes & clear content 6) Trends and Relationships in data are clearly addressed.					
<b>Conclusion/Discussion</b> Score = 20 pts. _____	<b>Advanced</b> 20-16	<b>Very Proficient</b> 15-11	<b>Proficient</b> 10-6	<b>Developing</b> 5-1	<b>Need to Include</b> 0
1) Summarize Results with numerical support 2) Accept, Reject or state Inconclusive hypothesis 3) Discuss how previous literature/references have a relationship to your results. 4) Where would research continue from this point (helpful to include: future trials and potential hypothesis.) 5) Evaluate (+/-) of Experiment Procedure 6) Answers the question: What do the results of the study mean? How are they related to the work discussed in the "Other's Work" section?					
<b>Summary</b> Score = 5 pts. _____	<b>Advanced</b> 5	<b>Very Proficient</b> 4	<b>Proficient</b> 3-2	<b>Developing</b> 1	<b>Need to Include</b> 0
1) 2-3 paragraphs describing research <ul style="list-style-type: none"> <li>● Why they chose to conduct the study</li> <li>● Why research is important and applicable to the Ag industry</li> <li>● How the study was conducted</li> <li>● What was discovered during this research</li> </ul>					
<b>Acknowledgements</b> Score = 5 pts. _____	<b>Advanced</b> 5	<b>Very Proficient</b> 4	<b>Proficient</b> 3-2	<b>Developing</b> 1	<b>Need to Include</b> 0
1) Acknowledges anyone who helped the student 2) Lists how the person contributed					

**Comments:**

**Totals: Out of 95 points**

Category Scores Totaled = \_\_\_\_\_

**Possible Ranking:** (Circle one)

Awesome: Should be considered for Nationals

Great Start, Keep working

Good Start, use rubrics and comments to improve for next year

Need to Complete Project

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Updated 1/30/2019