

## National Agriscience Fair Judging Criteria

Name: \_\_\_\_\_ Judges Initials: \_\_\_\_\_

Category: \_\_\_\_\_ Division: \_\_\_\_\_

| Category (10 Points each)  | Score |
|--|-------|
| <b>Knowledge Gained-</b> Is there evidence the student has acquired scientific skills and/or knowledge by doing this project? Does the exhibitor recognize the scope and limitation of the problem he or she has selected?   |       |
| <b>Scientific Approach-</b> Has a scientific approach been made to the problem? Has the exhibitor solved the problem by using scientific facts as a basis for new conclusions? Is the exhibitor aware of the basic scientific principles that lend support to the methods used and the conclusions reached?  |       |
| <b>Experimental Research-</b> Has data been gathered from work done by the student, rather than the results from the work of others? Is the exhibitor's equipment effective? Does it do what it was intended to do? Can the research be the basis for further experimentation? Is the project actually a model or demonstration?                                 |       |
| <b>Individual/Team Work-</b> Has material been gathered from a variety of sources and cited? Is the logbook present for examination? If a team, is evidence of collaboration present? Can the portions of the presentation representing the work of others be identified?  |       |
| <b>Thoroughness-</b> Is the exhibitor aware of the empirical method (the necessity of repeating trials) and the importance of controlling the variables in the experimentation in order to reach valid conclusions? Has the analysis of the problem been orderly? How successfully was the original plan carried through to completion?                          |       |
| <b>Information-</b> Are known facts and principles stated correctly and used accurately? Have the results of experiments been reported accurately even though faulty experimental methods or conditions may have made the data unreliable? If so, have these errors been noted? Is the data complete or at least based on random, rather than selected sampling? |       |
| <b>Conclusions-</b> Has the student started with known facts and drawn their own conclusions? Are the conclusions consistent with the data and/or observations?  |       |
| <b>Written Project Report-</b> Are all components of the written report available? Has the exhibitor made thorough use of the data, literature cited, interviews, correspondence, etc. and noted them properly? Considering the age and experience of the exhibitor, does the project make use of their abilities?   |       |
| <b>Interview-</b> Is the exhibitor able to successfully communicate their knowledge on the project?  |       |
| <b>Visual Display-</b> Has the data been presented in the best manner for the particular type of information involved? Are spelling errors present? Does the exhibit demonstrate a general neatness and attractiveness? Is the display presented in a logical and interesting manner?  |       |
| <b>Total score (100)</b>   |       |
| <b>Comments:</b>   |       |

(These comments will be shared with the students)

Please circle level for each student:

Please circle final placing: (if student is in top 5)

**Gold**

**Silver**

**Bronze**

**1<sup>st</sup>**

**2<sup>nd</sup>**

**3<sup>rd</sup>**

**4<sup>th</sup>**

**5<sup>th</sup>**