# AGRICULTURAL SCIENCE

**Purpose:**

Students are given the opportunity to demonstrate knowledge, skills and talents learned in the area of a career/technology education class. Through the completion of individual projects, students will demonstrate technological literacy. These activity-based assignments better prepare students to become productive members of the industrial and technological community or to enter a post-secondary institution after graduation.

**Description:**

The contest is for entries that may be designed, produced or constructed by intervention program students as an outgrowth of career related interest in the agricultural field.

**Examples:**

Project ideas include, but are not limited to, the following areas:

| | |
|---|---|
| Animal Science | Soil Usage |
| Animal Production | Crop Productions |
| Livestock Issues | Use of Plant Products |
| Veterinarian Science | Agriculture Mechanics |
| Use of Animal Products | Small Engines |
| Plant Science | Hydraulics |
| Forest Management | Wild Life Management |

**Rules and Procedures:**

The students must adhere to the following format:

1. A notebook (with the progressive steps of the procedure shown), display board and project which meet all guidelines.
2. A notebook that exceeds 10 pages (excluding Table of Contents and Title Page) will receive a 5 point deduction.
3. Display board must show career opportunity and educational and skill preparation. The display board must have 3 adjoining sides and measure not more than 4'L x 4'W x 4'H.
   a. Center – Name of Contest Area & Project
   b. Left – Educational and Skills Preparation
   c. Right – Potential Employers & Employment Sites
4. Maximum Project size requirement is 4'L x 4'W x 8'H.
5. Each contestant will be interviewed and career objectives of the contestant will be stressed in the oral interview.
6. The student/coordinator is responsible for project set-up prior to competition and removal of his/her project at the conclusion of the contest.
7. The project must be the original work of the student.
8. Student must meet CTI Official Dress Code (refer to Appendix A).

9. No live animals will be displayed.

**Suggested Questions for the Judges:**

1. Why did you choose to select this project?
2. What were the major steps you used to complete the project?
3. Where was the project assembled?
4. How long did it take form beginning to completion?
5. What materials did you use?
6. How much did the material costs?
7. If you had the opportunity to construct this project again, what changes would you make? Why?
8. How does this project relate to your career path?
9. Are their jobs related to your project in the area where you reside (live)?
10. How will this career path contribute to your achievement of success in life?

# AGRICULTURAL SCIENCE RATING SHEET

Contestant Name: _____ School: _____

| EVALUATION CRITERIA | Not Demonstrated | Does Not Meet Expectations | Meets Expectations | Exceeds Expectations | Points Earned |
|---|---|---|---|---|---|
| **Notebook**<br>Maximum 10 Page Limit (excluding table of content and title page) | | | | | |
| 1. Learned Skills | 0 | 0 | 1 | 2 | |
| 2. Project Description | 0 | 0 | 1 | 2 | |
| 3. Planning Process | 0 | 0 | 1 | 2 | |
| 4. Procedures & Documentation | 0 | 0 | 1 | 2 | |
| 5. Project Design/Other Supportive Material | 0 | 0 | 1 | 2 | |
| 6. Evaluation of Project (student written summary) | 0 | 0 | 1 | 2 | |
| 7. Set-Up    a. 10 page limit (1 side only)<br>       b. Legible, neat, creative, correct spelling & grammar<br>       c. Typed information | 0 | 0 | 1-2 | 3 | |
| **Display Board:** | | | | | |
| 1. Set-Up    a. 3 adjoining sides, standing not more than 4'L x 4'W x 4'H<br>       b. typed information (grammatically correct) | 0 | 1-2 | 3-4 | 5 | |
| 2. Sections:<br>       a. Center – Name of Contest Area & Project<br>       b. Left – Educational & Skills Preparation<br>       c. Right – Potential Employers & Employment Sites<br>Backboards must contain required items stated above and aesthetic enhancements such as pictures or borders are acceptable. | 0 | 1-2 | 3-4 | 5 | |
| **Project: Size Allowance 4'L x 4'W x 8'H** | | | | | |
| 1. Workmanship and Quality of Work<br>       a. Originality & Creativity<br>       b. Skills used to increase employability<br>       c. Safety procedures used<br>       d. Project compatible with career goal | 0 | 1-9 | 10-19 | 20-25 | |
| 2. Appearance of Project/Display | 0 | 1-5 | 6-9 | 10-15 | |
| 3. Evidence of Relevance of Project for Current and Future Usage | 0 | 1-3 | 4-7 | 8-10 | |
| **Oral Interview** | | | | | |
| 1. Knowledge & accuracy of project | 0 | 1-3 | 4-7 | 8-10 | |
| 2. Presentation skills (eye contact, voice quality) | 0 | 1-2 | 3-4 | 5 | |
| 3. Employability skills; Career aspirations | 0 | 1-2 | 3-4 | 5 | |
| 4. Personal grooming | 0 | 1-2 | 3-4 | 5 | |
| | | | | **TOTAL** | |
| **POINT DEDUCTIONS** | | | | | |
| 1. CTI Dress Code | | | | -0-15 | |
| 2. Exceeds Project Size Allowance (**4'L x 4'W x 8'H**) | | | | -50 | |
| 3. Exceeds Page Allowance in Notebook (**10 Page Limit excluding title page and table of contents**) | | | | -10 | |
| **FINAL SCORE** | | | | | |

*Revised 2011-12*