



Greetings Teachers,

The Agronomy CDE will be individual events consisting of crop, weed, insect, disorder, grain grading, machinery identification, and a written exam.

The crop plants/crops seeds (100 points)

- The crop identification will include a mixture of live specimens (plants), seeds and color photographs.

Weed plants /Weed seeds (100 points)

- The weed identification will include a mixture of live specimens (plants), seeds and color photographs.

Insect identification (100 points)

- Identification will be according to insect name, life cycle, economic impact and mouth parts. Color photographs will be displayed.

Disorder identification (100 points) [10 samples]

- Identification will be according to category, causal agent and damage location. Color photographs will be displayed.

Equipment and Machinery Identification (100 points total)

- Identify 20 samples of equipment (5 points each). Samples may appear as actual equipment, scale models, toys or pictures. Major components that are unique to a certain piece of equipment may also be used. Large machinery will be represented by small scale models.

Grain Grading –from the commodity evaluation section (100 points)

- Two grain groups (Canola and Durum Wheat) will be evaluated by reviewing test weight, moisture, etc. The four samples will be ranked by students.

Written Exam (100 points)

- The written exam is 50 multiple choice questions that cover a wide range of agronomic areas including crop production, soils, pest management, forages and environmental issues.

Event scoring will be as follows. Individual participants scores are the total sum of each participant's correctly scored responses within each section. The team scores will be the compiled scores of participants according to the declared team members at the start of the event. Once the event starts, team members can't be altered. In the event of a tie the written exam scores will be used to declare the winners. For team ties all written scores will be compiled to achieve one score to compare across the tied teams.