



Cowtown Ag Expo

Friday, February 2, 2024

Pre-Registration due by January 27, 2024



Registration: 7:30 – Lunch ticket included

(Checks Payable to:) MSU Custer County Extension

Advisor/Coach: _____

Chapter/County: _____

Select: (select only ONE)

Novice

Junior

Senior

Select contest area: (select only ONE)

FFA Mechanics

FFA Ag Sales

Livestock

FFA Welding

Teams consist of 3 to 4 individuals.

Ag Sales must be a team of 4 or 5.

Participants	Contestant #

Number of participants _____

Total amount paid _____

Age Groups

Novice – Grades 2-5

Junior – Grades 6-9

Senior – Grades 10-12

MECHANICS & WELDING CONTEST

Hosted by Miles City FFA, Custer Co. 4-H, Miles City Chamber of Commerce, Miles Community College
Custer County District High School – Miles City
Friday, February 2, 2024

Mechanics Event

Check in: 8:30 a.m. Contest: 9-11:00
Registration: \$20/individual, includes lunch, \$10/individual to add welding contest registration

The contest will consist of the following practicums worth 30 points each:

- Carpentry – wall layout and questions
- Arc Welding – T-joint and bead with 7018
- Small Engines – valve train troubleshooting and parts ID
- Equipment – combine parts and service.
- Wiring – 3-way switch and service entrance panel ID
- Knowledge – written exam

There will be Junior (7-9) and Senior (10-12) divisions. Competitors will have the option of taking a 15-point deduction for the practicum to receive a hint for the practicum (ie. diagram for the wiring practicum, word bank for the parts ID) to make the contest a good learning opportunity regardless of experience level. The team score will consist of 4 individual scores. There will be no team problem. Rotations will be 15 minutes long.

Welding Event

Check in: 8:30-10:00 a.m. Contest: 10-12:30 p.m.
Registration: \$20/individual, includes lunch

The contest will consist of two practicums worth 30 points each:

- Arc Welding – T-joint and bead with 7018 (students in the mechanics contest will use their score from that practicum)
- MIG Welding – small cube
- Plasma Cutting – cutting holes or squares

The contest will also include a team problem worth 120 points, with each individual receiving $\frac{1}{4}$ of their team score. The team problem will include fabrication with MIG welding and a bill of materials. There will be Junior (7-9) and Senior (10-12) divisions.

Prizes will be given for the top individuals and teams in both contests, in addition to the top individuals and teams overall.

SALES CONTEST

Hosted by Miles City FFA, Custer Co. 4-H, Miles City Chamber of Commerce, Miles Community College
MCC Ag Advancement Center – Miles City
Friday, February 2, 2024

Check in: 8:30-11:00 a.m.
Contest: 11:00-1:30
Registration: \$10/individual, includes lunch

This contest will use the state sales product (Miller welding products). The contest will consist of the following:

- Team Prep – 15 minutes
- Team Presentation – 15 minutes
- Individual Sale – 20 minutes
- Customer Service Call – 20 minutes
- Written Exam

There will be Junior (7-9) and Senior (10-12) divisions.

LIVESTOCK JUDGING CONTEST

Hosted by Miles City FFA, Custer Co. 4-H, Miles City Chamber of Commerce, Miles Community College
MCC Ag Advancement Center – Miles City
Friday, February 2, 2024

Check in: 7:30-9:00 a.m.

Contest: 9:00-2:00

Registration: \$10/individual, includes lunch

Contest will include 9 classes of beef cattle, including 3 sets of reasons. Individuals wishing to participate in Livestock Judging and Sales schedules will be accommodated.

There will be divisions for beginners, juniors, and seniors.