

Grayson County Youth Agrobotics Challenge

ENTRY DEADLINE: Wednesday, February 21, 2024 – (\$60 PER TEAM)

Register at <https://grayson.agrilife.org/agrobotics>

Contest Date: Sunday, February 25th

Contest Location: Sid Richardson Gym on the Austin College campus, Sherman, Texas

Check-in opens: Noon

Team Orientation: 1:00 p.m. – *release of unknown challenges*

Coaches Meeting with Team: 1:20 p.m.

Programming & Practice: 1:30 to 3:00 p.m.

Round 1 Starts: 3:00 p.m.

Final Round: Following last semi-match

Results & Awards: Immediately following contest completion

Guidelines and Rules – The Grayson County Youth Agrobotics Challenge will follow all guidelines established in the Texas 4-H Robotics Agrobotics guide. <https://texas4-h.tamu.edu/projects/robotics>

Eligibility: (See Eligibility for all 4-H & FFA Contests). At least **one contestant** per team must be a member of a 4-H or FFA Chapter.

- Junior Division: participants must be in the 3rd to 5th grade.
- Intermediate Division: participants must be in the 6th to 8th grade.
- Senior Division: participants must be in 9th to 12th grade

Entries: An entry fee of \$60 per team. **Must pre-enter by Wednesday, February 21, 2024.**

Maximum Entries: A maximum of 20 teams per division will be allowed to compete in the contest due to time and facility limitations. Teams will be selected on a first come, first served basis with one team from each club/chapter being selected until the maximum entries of 30 teams is met. Entries will not be accepted once the maximum entry count has been met, entry fees for teams that are not selected to participate will be refunded to the club/chapter.

Members per Team: Each team will have a minimum of two (2) and no more than four (4) members. Teams may not include members in different age divisions (i.e. juniors mixed with seniors.) Team member names are required.

Bluetooth Connectivity: Bluetooth connections can be made and utilized during the programming phase. It is not allowed during the competition phase while the robot is on the playing field.

Participants with Disabilities: Any competitor who requires auxiliary aids or special accommodations must contact the Livestock Office at least two weeks before the competition.

No cell phones or other types of communication devices are allowed in the pit or contest areas. Exceptions include the approved items listed in the Participant Rules. During the Build Time and Robot Challenge, contestants are not allowed to communicate with spectators (including coaches and parents).

A match will be 3 minutes in length, depending upon the challenges designed for competition. Show management will make periodic announcements regarding time remaining in Build Time and Robot Challenges.

Teams will have two (2) preliminary matches in which to earn points. The sum score of the two (2) matches will determine teams that qualify for finals. In addition, each team will be judged on team cooperation during Build Time. The top three (4) teams per division will advance to the final match.

After the match, no one is allowed to touch the Playing Field until the Judge has recorded the condition of the field, the team has reviewed the scorecard, and it has been signed by a team member.

At the conclusion of each match, teams will be shown their score card and will be asked to verify their score and sign in agreement. If a team member questions the team's score, he or she must discuss this with the judge prior to signing the score sheet and leaving the table.

Finals will consist of two (2) additional matches. The two (2) scores from the final round will be added to the preliminary scores. Finalist teams will be ranked based on their total scores. Judges' results are final.

- Tie-breakers procedures will be announced during the Challenge Release.
- Teams must clean up their pit area prior to the awards ceremony

Awards: Contestants must be present to receive their awards. Any remaining awards will not be mailed following the show. The following awards will be awarded in all divisions:

AWARDS

1st Place Teams will receive a buckle

2nd, 3rd and 4th Place Teams will receive rosettes

High Point Team Overall – Specialty Prize