

# 4-H & FFA FARM EQUIPMENT OPERATOR'S CONTEST

Division 176

Sponsored by:



Committee

Tony Carlson – Claremore, OK

**Entry Deadline:** Friday, September 1, 2022

\*If the county contest is after the entry deadline, the county official must contact the Livestock Office by the entry deadline.

**Check In:** Sunday, October 8, 2023 at 8am in the Ranger Arena

**Contest:** Sunday, October 8, 2023 at 9am in the Ranger Arena

## DIVISION RULES

1. **County Verification Form:** The county verification form must be uploaded online with entry.
2. **County Eligibility:** If a county conducts a tractor driving event, the top 4 individuals may participate in the Tulsa State Fair contest. These 4 individuals may be a mixture of FFA or 4-H members; however, if a county contest is not held, 2 FFA and 2 4-H members from a county may be appointed by their respective leaders. Previous first place winners are ineligible to compete in this contest.
3. **Contestant Eligibility Requirements:**
  - a. Contestant must be a bona fide member of a 4-H club or FFA chapter.
  - b. **Contestant must be between the ages of 14 and 19 years.** (Must not have graduated from high school prior to May of this year.)
  - c. Contestant must be competent in operation of a tractor and be certified as such by the vocational agriculture teacher or county 4-H leader.
  - d. Contestant must submit the Entry, Legal Release Form, and County Verification Form Online.
  - e. Contestant must submit the County Verification Form Online.
4. **Contest Day:** All contestants must check in at the Ranger Arena to receive instructions and take a written exam.

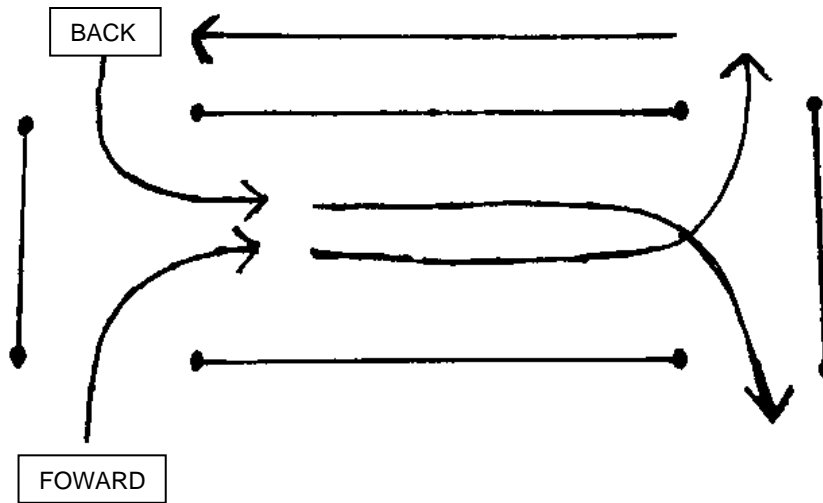
**Part I:** Safety is so important to the welfare of farm youths that safe handling of farm equipment and petroleum products used on the farm will be a feature of this contest. The written exam will consist of questions on maintenance, safety, etc. The written test will be taken from the Safe Operation of Farm Machinery manual and general knowledge of safety. Ten points will be deducted for each question answered incorrectly.

**Part II:** The participants will demonstrate their skill and ability to handle tractors and other farm equipment over two obstacle courses simulating regular farm operations as follows.

  - a. Tractor and Grain Drill Event
  - b. Four-Wheel Trailer Driving Event
5. **Premiums:** 1<sup>st</sup> - \$150, 2<sup>nd</sup> - \$100, 3<sup>rd</sup> - \$75 4<sup>th</sup> - \$50, 5<sup>th</sup> - \$25.
6. **Awards:** Plaques will awarded to the 1<sup>st</sup> - 5<sup>th</sup> place winners.

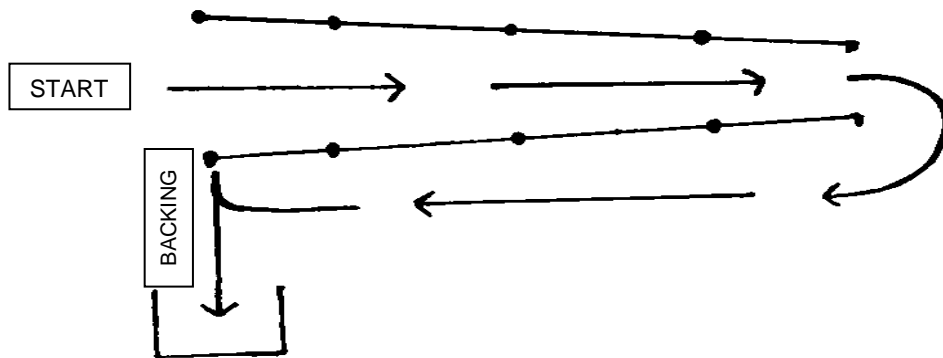
**OPERATOR'S CONTEST**  
Course Sheet

**Grain Drill**



- Gates are 12 inches wider than the drill
- Adjust course to fit tractor and drill

**Wagon**



- Start of lane is 2 foot wider than wagon
- End of lane is 1 foot wider than wagon
- Shed is 2 foot wider than wagon

## 4-H & FFA FARM EQUIPMENT OPERATOR'S CONTEST

### Score Sheet

<p><b>MOUNTING &amp; STARTING SAFETY</b></p> <ol style="list-style-type: none"> <li>1. Failure to check neutral position</li> <li>2. Failure to depress clutch</li> <li>3. Failure to check PTO disengagement</li> </ol> <p><b>DRIVING SAFETY</b></p> <ol style="list-style-type: none"> <li>1. Failure to release clutch pedal smoothly</li> <li>2. Failure to operate tractor in a safe manner</li> <li>3. Grating gears</li> <li>4. Running in a low gear with high engine speed</li> <li>5. Skidding or spinning wheels</li> <li>6. Turning to short and fouling implement</li> <li>7. Moving tractor with breaks set</li> <li>8. Number of stakes or markers touched</li> <li>9. Change directions to better position</li> <li>10. Accuracy of trailer 12" from rear of shed - number of inches of variation</li> <li>11. Accuracy of trailer 12" from side of shed - number of inches of variation</li> <li>12. Operating with foot on clutch (riding the clutch) – get 1 warning</li> </ol> <p><b>GRAIN DRILL</b></p> <p>Time: _____ min. _____ sec.          Add 300 points to score if time is over 4 minutes</p> <p><b>4-WHEEL DRIVING</b></p> <p>Time: _____ min. _____ sec.          Add 300 points to score if time is over 4 minutes.          (500 points added if contestant does not attempt backing. Time starts when tractor enters straight line course.)</p> <p><b>STOPPING AND DISMOUNTING SAFETY</b></p> <ol style="list-style-type: none"> <li>1. Failure to check neutral position of gear shift</li> <li>2. Failure to set brake before dis-mounting</li> <li>3. Jumping on or off tractor</li> <li>4. Failure to bring tractor to complete stop</li> </ol>	<p style="text-align: center;"><b>GRAIN DRILL TRAILER</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">_____</td> <td style="width: 50%; text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X100_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X100_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X100_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X10_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X100_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X100_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X10_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X10_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____X50_____</td> </tr> <tr> <td colspan="2" style="text-align: right; padding-top: 20px;">TOTAL SCORE _____</td> </tr> </table>	_____	_____X50_____	_____	_____X50_____	_____	_____X50_____	_____	_____X50_____	_____	_____X100_____	_____	_____X50_____	_____	_____X50_____	_____	_____X100_____	_____	_____X100_____	_____	_____X50_____	_____	_____X10_____	_____	_____X100_____	_____	_____X100_____	_____	_____X50_____	_____	_____X10_____	_____	_____X10_____	_____	_____X50_____	_____	_____X50_____	_____	_____X50_____	_____	_____X50_____	TOTAL SCORE _____	
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