

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

Saturday, September 29, 8 am  
Ranger Arena

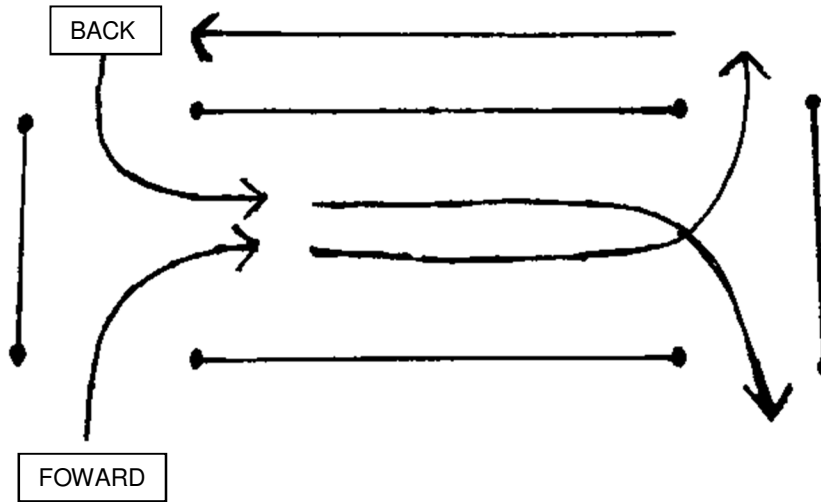
### Superintendent

Charles Curl - Grove, OK

1. **Entry Deadline:** Entries for this contest must be submitted online no later than September 9, 2019. The county verification form must be uploaded online with entry. If the county contest is after the entry deadline, the county official must contact the Livestock Office by the entry deadline to request an entry form.
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 Legal Release Form online or mail by September 9.
  - e. Contestant must submit the County Verification Form online.
  - f. Contestant's entry must be submitted online.
4. **Contest Day:** All contestants are to report to the New Barn Arena to receive instructions and take a written exam at 8 am on Saturday, September 28.
  - a. **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.
  - b. **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.
    - i. Tractor and Grain Drill Event
    - ii. Four-Wheel Trailer Driving Event
5. **Premiums:** 1<sup>st</sup> - \$80, 2<sup>nd</sup> - \$40, 3<sup>rd</sup> - \$25, 4<sup>th</sup> - \$20, 5<sup>th</sup> - \$15. Plaques will also be awarded to the 1<sup>st</sup> - 5<sup>th</sup> place winners.

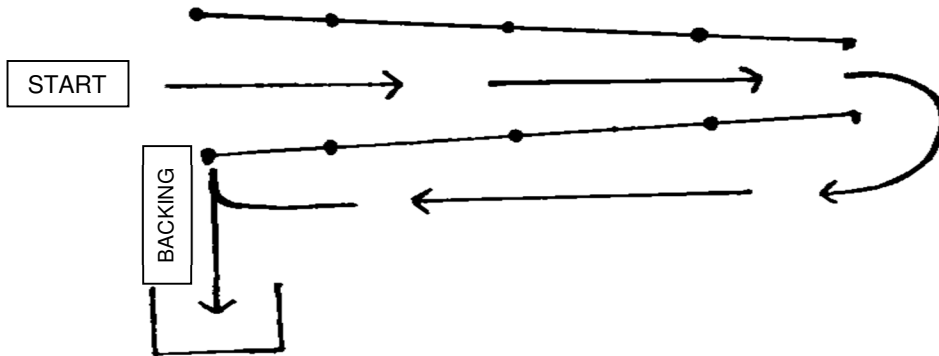
4-H & FFA FARM EQUIPMENT OPERATOR'S CONTEST  
Course Sheet

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

**MOUNTING & STARTING SAFETY**

1. Failure to check neutral position
2. Failure to depress clutch
3. Failure to check PTO disengagement

**DRIVING SAFETY**

1. Failure to release clutch pedal smoothly
2. Failure to operate tractor in a safe manner
3. Grating gears
4. Running in a low gear with high engine speed
5. Skidding or spinning wheels
6. Turning to short and fouling implement
7. Moving tractor with breaks set
8. Number of stakes or markers touched
9. Change directions to better position
10. Accuracy of trailer 12" from rear of shed - number of inches of variation
11. Accuracy of trailer 12" from side of shed - number of inches of variation

**GRAIN DRILL**

Time: \_\_\_\_\_ min. \_\_\_\_\_ sec.

Add 300 points to score if time is over 4 minutes

**4-WHEEL DRIVING**

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.)

**STOPPING AND DISMOUNTING SAFETY**

1. Failure to check neutral position of gear shift
2. Failure to set brake before dis-mounting
3. Jumping on or off tractor
4. Failure to bring tractor to complete stop

**GRAIN DRILL**

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**TRAILER**

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TOTAL SCORE \_\_\_\_\_

X50

X50

X50

X50

X100

X50

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X100

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