# McCurtain County Free Fair 4-H & FFA FARM EQUIPMENT OPERATOR'S CONTEST

## **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 9 and 19 years.
- 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.

### **Contest Parts:**

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. Five 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 an obstacle course simulating regular farm operations as follow. Tractor and Grain Drill

**Premiums:** The top 5 will have their names called out at premium sale with 1<sup>st</sup> place receiving a belt buckle.

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

# BACK FOWARD

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

# 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	GRAIN DRILL TRAILERX50X50X50
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:minsec. Add 300 points to score if time is over 4 minutes	X10
4-WHEEL DRIVING Time:minsec. 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.)	X1
<ol> <li>STOPPING AND DISMOUNTING SAFETY</li> <li>Failure to check neutral position of gear shift</li> <li>Failure to set brake before dis-mounting</li> <li>Jumping on or off tractor</li> <li>Failure to bring tractor to complete stop</li> </ol>	X50X50X50