

**INSTRUCTIONS FOR KENTUCKY 4-H
TRACTOR DRIVING CONTEST**

By

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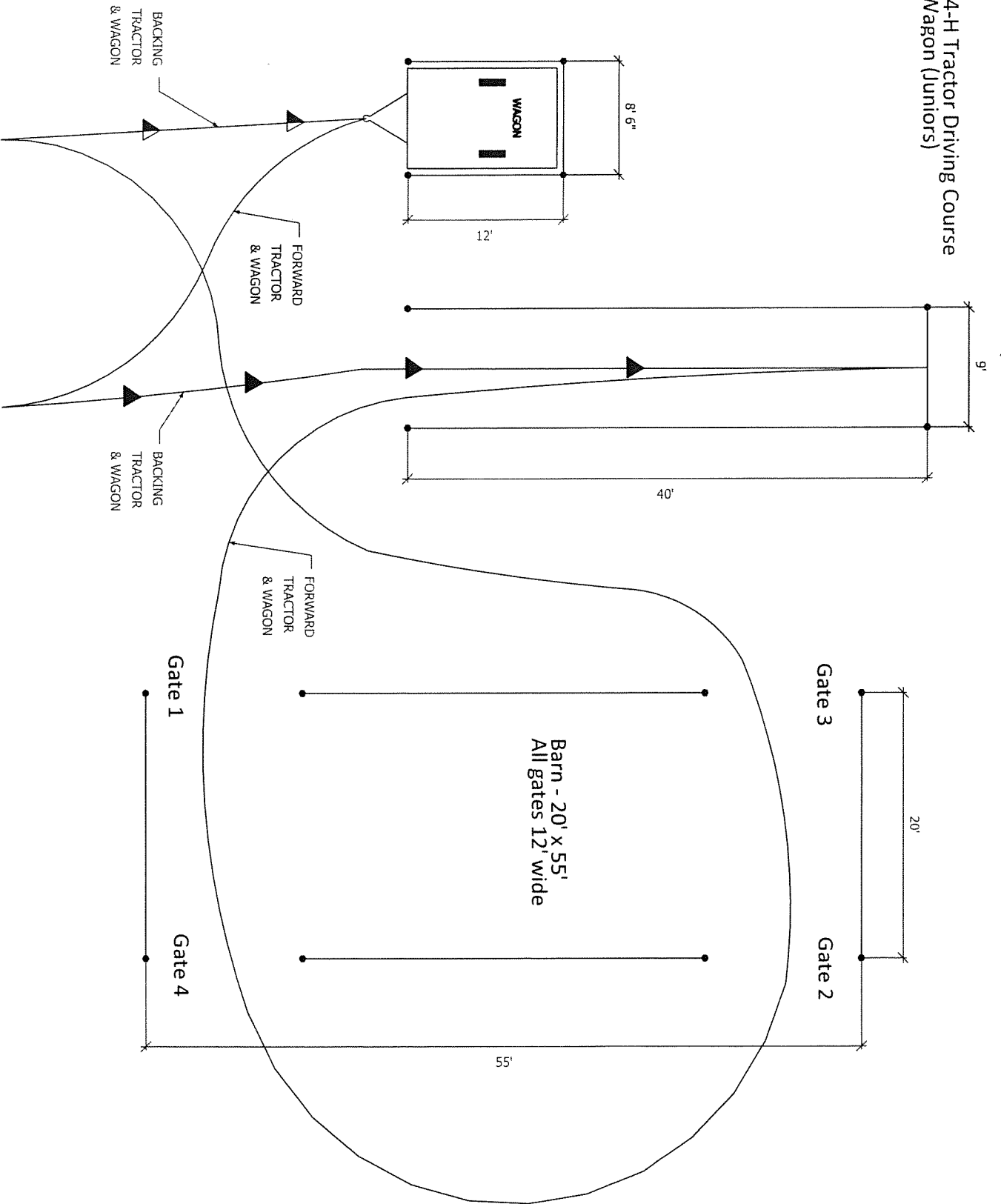
JUNIOR TRACTOR DRIVING CONTEST RULES

1. All participants must be age 12 and under age 14 as of January 1 of the current year.
2. To compete in the tractor driving contest all participants must be of sufficient physical size to safely operate all foot and hand controls from the tractor seat with the seat belt fastened and properly adjusted.
3. Tractors used in the contest should have an approved roll-over protective system (ROPS) and seat belt and all participants are required to wear the seat belt when the tractor is in operation.
4. All junior contestant will drive the two-wheel course as shown on the course layout for juniors.
5. Each contestant is allowed time to familiarize themselves with the tractor and operate it under supervision for a short warmup period.
6. After doing an initial safety check, the contestant will start the tractor and signal the scoring official that they are ready to start. The time starts when the official gives the contestant the signal to start. Time stops when the tractor engine stops after the trailer is backed in the shed.
7. For the two wheeled course the event will start with the trailer parked in the shed and hitched to the tractor. The contestant will pull out of the shed and proceed to back the tractor and trailer down the alley. After the back of the trailer reaches the end of the alley, the operator will pull out of the alley and drive through the end gates of the obstacle course and then complete the course by backing the trailer into the shed. The contestant does not unhitch the trailer form the tractor.
8. The driver is scored according to the safety and skills score sheets provided.
9. Riding the clutch - Using excessive throttle and controlling ground speed with the clutch can be scored once in each of: the shed, alley, and obstacle courses.

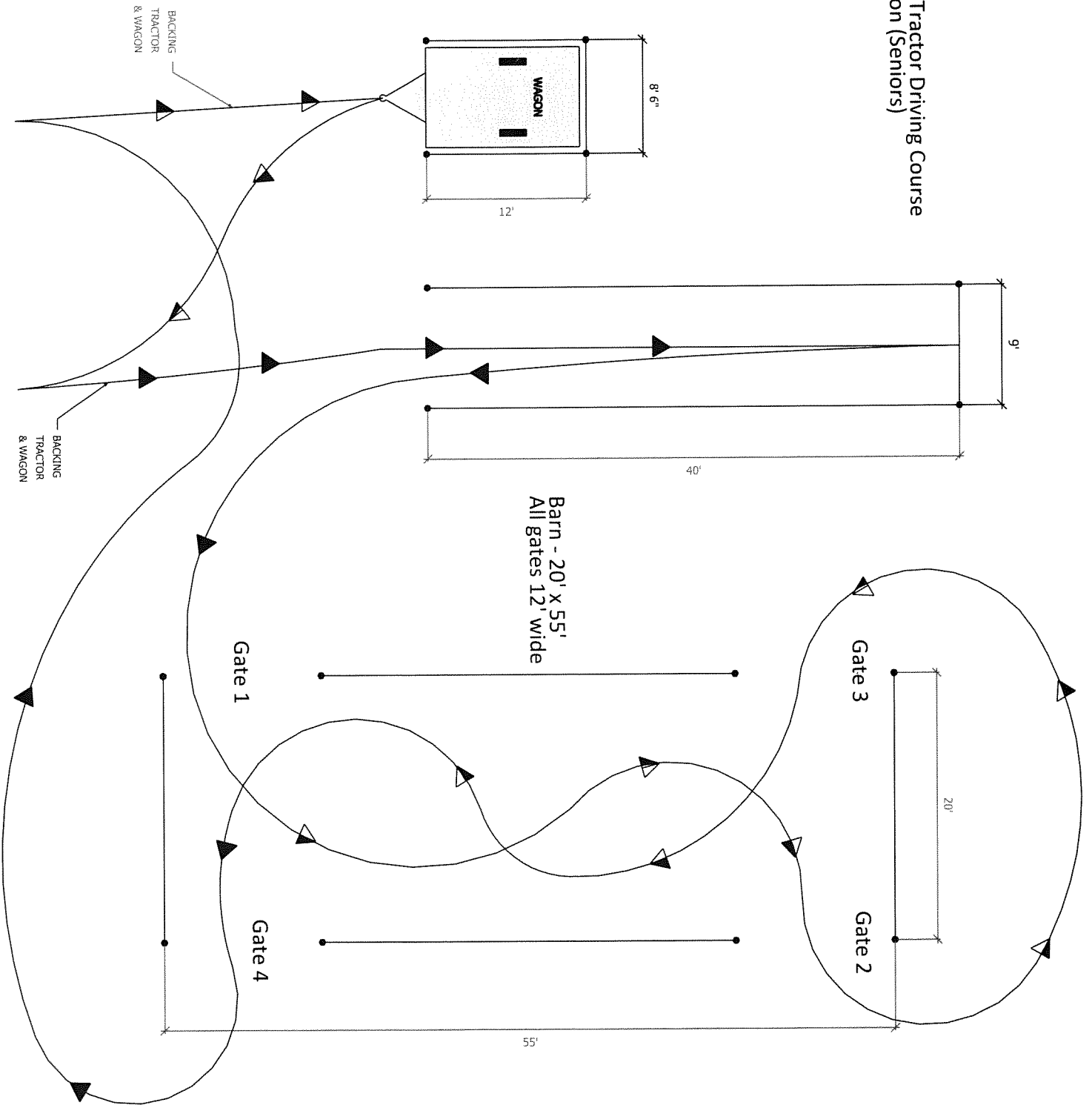
SENIOR TRACTOR DRIVING CONTEST RULES

1. All participants must be age 14 and under age 19 as of January 1 of the current year.
2. To compete in the tractor driving contest all participants must be of sufficient physical size to safely operate all foot and hand controls from the tractor seat with the seat belt fastened and properly adjusted.
3. Tractors used in the contest should have an approved roll-over protective system (ROPS) and seat belt and all participants are required to wear the seat belt when the tractor is in operation.
4. All senior contestant will drive the two-wheel course as shown on the course layout for seniors and the senior four-wheeled course.
5. Each contestant is allowed time to familiarize themselves with the tractor and operate it under supervision for a short warmup period.
6. After doing an initial safety check, the contestant will start the tractor and signal the scoring official that they are ready to start. The time starts when the official gives the contestant the signal to start. Time stops when the tractor engine stops upon completion of the course.
7. For the two wheeled course the event will start with the trailer parked in the shed and hitched to the tractor. The contestant will pull out of the shed and proceed to back the tractor and trailer down the alley. After the back of the trailer reaches the end of the alley, the operator will pull out of the alley and complete a figure eight pattern through the obstacle course as shown for the senior four wheeled course. They will then complete the course by backing the trailer into the shed. The contestant does not unhitch the trailer form the tractor.
8. For the four wheeled course the event starts with the wagon in the shed and the rear wheels of the tractor on the start/stop line. At the signal to start the driver backs the tractor to the wagon and spots the hitch. In connecting the wagon the contestant must set both brakes or the gear shift lever must be in the park position when dismounting. The hitch must be made without moving the wagon more than 6 inches. No assistance will be given in hitching the wagon. The contestant then pulls the wagon out of the shed and proceeds through the course before again backing the wagon into the shed. When backing the wagon into the shed, penalty points will be accessed if the front edge of the wagon bed crosses the start/stop line.
9. The driver is scored according to the safety and skills score sheets provided.
10. Riding the clutch - Using excessive throttle and controlling the ground speed with clutch can be scored once in each of: the shed, alley, obstacle course and four wheeled event.

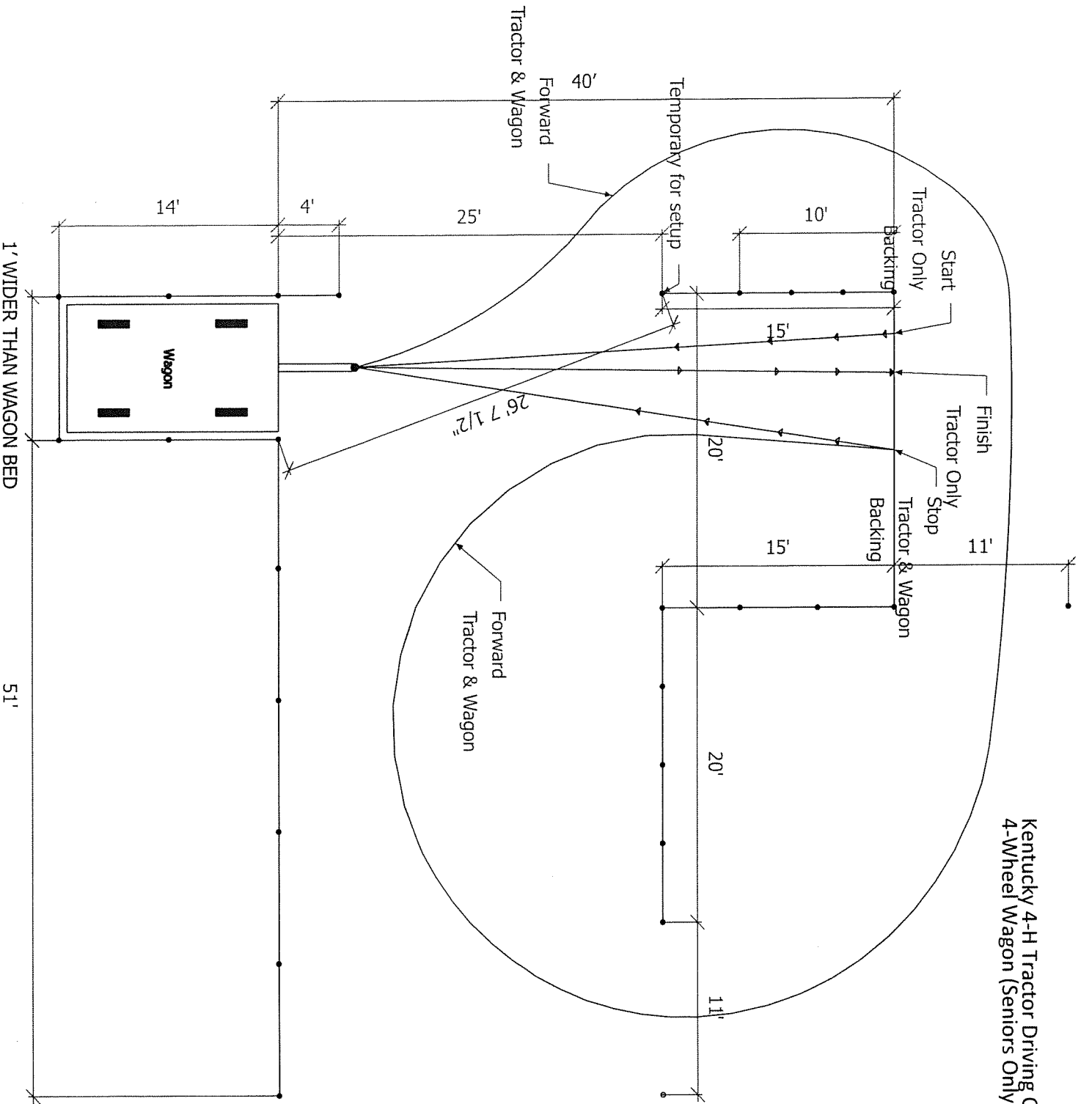
Kentucky 4-H Tractor Driving Course 2-Wheel Wagon (Juniors)



Kentucky 4-H Tractor Driving Course 2-Wheel Wagon (Seniors)



Kentucky 4-H Tractor Driving Course
4-Wheel Wagon (Seniors Only)



1' WIDER THAN WAGON BED

51'

TRACTOR DRIVING CONTEST

Summary Score Sheet

Date: _____

NAME: _____ AREA: _____ JR: _____ SR: _____

1. Score for written quiz
Incorrect answers _____ x 20 = _____
2. Score for tractor safety skills = _____
3. Score for tractor driving skills:
Two-wheel = _____
Four-wheel = _____

FINAL SCORE = _____
PLACING = _____

LOWEST SCORE WINS!!!!

4-H Tractor Driving Safety Score Sheet

NAME: _____ DATE: _____ () JUNIOR () SENIOR

Each entrant will be scored on safety at all times when involved with tractor operation. This includes warm-up as well as before, during and after the driving events. Safety judges will be on hand to record violations during these periods.

<u>Scoring</u>	<u>2 – WHEEL</u>		<u>4 – WHEEL</u>	
	Times Found	Points Added	Times Found	Points Added
<u>Starting Safety</u>				
1. Failure to conduct pre-operational check and/or walk around.	_____ x 25 = _____		_____ x 25 = _____	
2. Failure to check surroundings for bystanders, animals or other hazards.	_____ x 25 = _____		_____ x 25 = _____	
3. Failure to check gear shift, hydraulics and lift hitch are in neutral position	_____ x 50 = _____		_____ x 50 = _____	
4. Failure to check parking brake engagement.	_____ x 50 = _____		_____ x 50 = _____	
5. Failure to check PTO is disengaged.	_____ x 50 = _____		_____ x 50 = _____	
6. Failure to fasten seat belt. Seat belt is to remained properly fastened when tractor is in motion.	_____ x 50 = _____		_____ x 50 = _____	
7. Failure to check operation of clutch, brakes and steering.	_____ x 50 = _____		_____ x 50 = _____	
<u>Driving Safety</u>				
If at any time the operator presents a safety risk to themselves or other bystanders, or potential damage to the equipment, the participant will be asked to stop the tractor and discontinue operation.				
1. Failure to gently engage drive system.	_____ x 50 = _____		_____ x 50 = _____	
2. Excessive spinning of tractor wheels (takeoff or stopping).	_____ x 100 = _____		_____ x 100 = _____	
3. Minor spinning or skidding of tractor wheels (implement maneuvering).	_____ x 25 = _____		_____ x 25 = _____	
4. Sliding or skidding of implement wheels.	_____ x 100 = _____		_____ x 100 = _____	
5. Turning to short/Fouling implement.	_____ x 150 = _____		_____ x 150 = _____	
6. Operation of tractor at unsafe speed.	_____ x 100 = _____		_____ x 100 = _____	
7. Failure to disengage parking brake.	_____ x 50 = _____		_____ x 50 = _____	
<u>Mounting and Dismounting Safety</u>				
1. Failure to engage parking brake and/or put transmission in park before dismounting.	_____ x 100 = _____		_____ x 100 = _____	
2. Improper mounting or dismounting of tractor steps (not facing tractor).	_____ x 50 = _____		_____ x 50 = _____	
3. Jumping off tractor.	_____ x 100 = _____		_____ x 100 = _____	
<u>Other Safety</u>				
1. Appropriate clothing (long pants, shirt with sleeves, properly tucked not loose fitting).	_____ x 100 = _____		_____ x 100 = _____	
2. Appropriate footwear (no flip-flops or open toed shoes).	_____ x 100 = _____		_____ x 100 = _____	
3. Tobacco product usage.	_____ x 150 = _____		_____ x 150 = _____	
4. Operational distractions (cell phone, etc.).	_____ x 150 = _____		_____ x 150 = _____	
5. Other safety violations _____	_____ x _____ = _____		_____ x _____ = _____	
<u>Total Penalty Points</u>				
	_____		_____	

4-H Tractor Driving Skills Score Sheet

NAME: _____ DATE: _____ () JUNIOR () SENIOR

WARNING: Individuals not driving the prescribed course or failing to follow instructions **WILL BE DISQUALIFIED**.

<u>Scoring</u>	<u>2 – WHEEL</u>	<u>4 – WHEEL</u>
	Times Found	Points Added
	Times Found	Points Added
<u>Driving Skills</u>		
1. Number of changes of travel direction other than necessary as indicated on skills course layout.	_____ x 10 = _____	_____ x 10 = _____
2. Markers or lines touched.	_____ x 40 = _____	_____ x 40 = _____
3. Stakes knocked over or lines crossed by any part of the equipment.	_____ x 50 = _____	_____ x 50 = _____
<u>Operation</u>		
1. Rough or jerky drive engagement.	_____ x 10 = _____	_____ x 10 = _____
2. Grated gears (if applicable).	_____ x 10 = _____	_____ x 10 = _____
3. Stalling the engine.	_____ x 10 = _____	_____ x 10 = _____
4. Riding or resting feet on the control pedals (Brake or clutch if applicable).	_____ x 10 = _____	_____ x 10 = _____
<u>Trailer or Wagon Placement in Shed (measured to the nearest ½ inch)</u>		
1. Inches off center at trailer/wagon front side.	Measurement _____ x 10 = _____	Measurement _____ x 10 = _____
2. Inches off center at trailer/wagon rear side.	Measurement _____ x 10 = _____	Measurement _____ x 10 = _____
3. Inches over two (2) from rear “wall” of shed (within two (2) inches – no penalty)	Measurement _____ x 10 = _____	Measurement _____ x 10 = _____
NOTE: If the trailer/wagon is not backed into the shed, measurements should be taken from the back of the trailer/wagon to the back of the shed. Off center measurements should be the maximum in inches (width of shed).		
<u>Time</u>		
Note: Contestant will be stopped at 8 minutes and given one more opportunity to back the trailer/wagon into the shed.	Min. _____ Sec. _____	Min. _____ Sec. _____
	Total Seconds _____ / 5 = _____	Total Seconds _____ / 5 = _____
If time exceeds 8 minutes, add 100 points	_____	_____
<u>Total Penalty Points</u>	_____	_____