

Wednesday, October 4th 2017 @ 2:00 pm

Tractor Driving

Purpose: To develop the ability to demonstrate their skill in driving a tractor with trailer attached. Safety will be stressed throughout the contest.

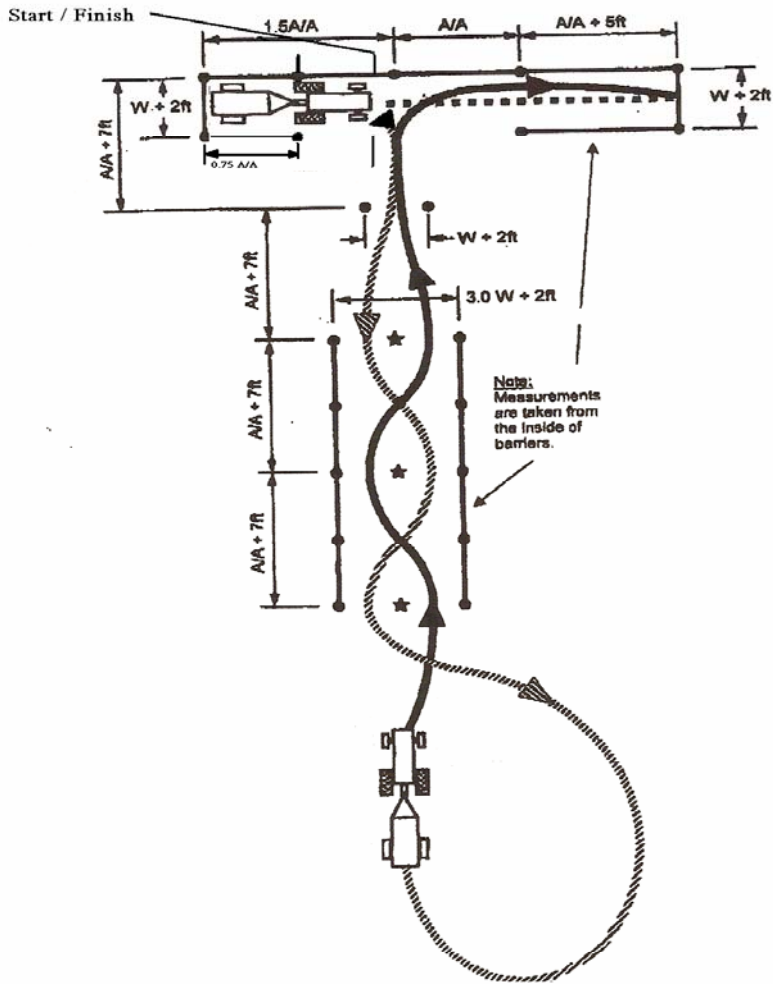
Eligibility:

- a. The Contest will be open to students who are active FFA members and who are enrolled in an Agricultural Education course (9 through 12 grades).
- b. A team will include 3 or 4 participants.

Rules and Procedures:

- a. The contest coordinator shall be responsible for setting up the contest, choosing contest officials, and developing materials according to the following criteria.
- b. The contestant must maneuver the tractor and attached trailer through a driving course designed to stimulate actual farm operations. Sample course design is attached.
- c. Tractor Selection: New or late model tractor of 50 H.P. or less will be provided along with a 2-Wheel Trailer 10' to 20' long.
- d. A team of 4 students will further be divided into a group of 2. 2 students will go to one course, while the other 2 go to a different course. Once there, a practice period of maximum of 5 minutes total for both students will be provided for the contestants to study and get acquainted with the machine and its controls.
- e. The student may pull the tractor up a few feet and back it, but cannot maneuver the course. They must be mindful of their own time.
- f. Designated judges will preside over the event and their decisions will be final.
- g. The scoring will be based on the time a contestant takes to run the course with points deducted for safety and driving errors.
- h. The lowest scores will win.
- i. The score needed to achieve the 50% will be determined and will accompany the official scores via email.

South Carolina FFA Tractor Driving CDE Course Layout



	Start Path
	Return Path
	Backup Path

A/A -- Means axle to axle. The distance between center of front axle of tractor and center of axle of towed equipment.

W -- Width of the tractor or two wheel towed equipment, whichever is wider.

FFA Tractor Driving Contest

Contestant's Name _____ Number _____

School _____

Score Card (Lowest score wins)

SAFETY POINTS:

	<u># or errors</u>	<u>Total Deduction</u>
1. Failure to check transmission neutral before starting	_____	-10 _____
2. Failure to disengage clutch while starting engine	_____	-10 _____
3. Failure to set both brakes or set transmission park before dismounting tractor.	_____	-10 _____
4. Failure to check PTO disengagement prior to starting engine	_____	-10 _____
5. Moving tractor with brakes set.	_____	-10 _____
6. Turning too short, fouling equipment.	_____	-10 _____
7. Unnecessary skidding or spinning of wheels or operating at unsafe speed.	_____	-30 _____
8. Other unsafe practices.		
1. Seatbelt on tractor not used.	_____	-20 _____
2. Running over pylon	_____	-50 _____
3. Other (discretion of judge)	_____	-100 _____

DRIVING POINTS:

1. Each change in direction other than necessary to complete course.	_____	-10 _____
2. Touching pylons or tape.	_____	-40 _____
3. Rough clutch engagement, riding clutch, clashing gears, engine stalls.	_____	-20 _____
4. Measurement in shed (measured to nearest inch)		
Inches off center, front	_____	-10 _____
Inches off center, rear	_____	-10 _____
Inches greater than 6 inches from center-rear post	_____	-10 _____

TIME: Minutes _____ Seconds _____ Total Seconds _____

Less Deductions _____
TOTAL SCORE _____

NOTE: Failure to complete the course as laid out will result in disqualification.