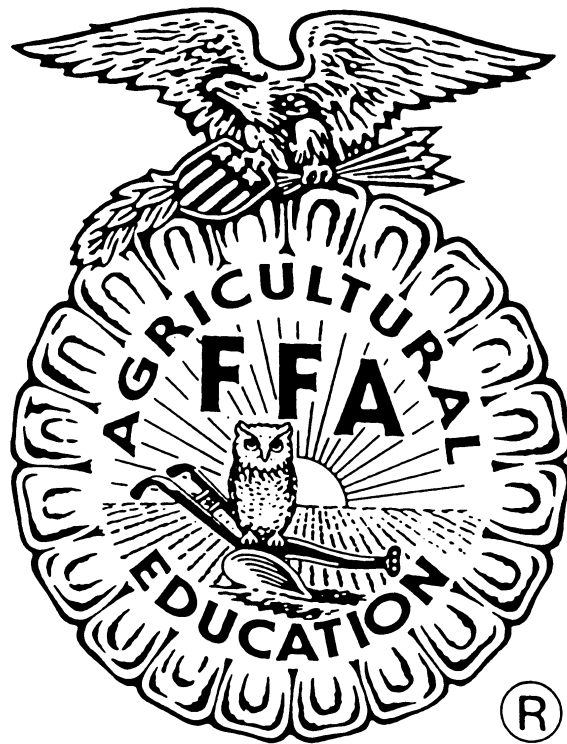


***COMPACT TRACTOR  
DRIVING CONTEST***

*RULES AND REGULATIONS*  
INDIVIDUAL COMPETITION



***ALABAMA FFA ASSOCIATION***

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No person shall be denied employment, be excluded from participation in, be denied the benefits of, or be subjected to discrimination in any program or activity on the basis of disability, sex, race, religion, national origin, color, or age. Ref: Sec. 1983, Civil Rights Act, 42 U.S.C.; Title VI and VII, Civil Rights Act of 1964; Rehabilitation Act of 1973, Sec. 504; Age Discrimination in Employment Act; Equal Pay Act of 1963; Title IX of the Education Amendment of 1972: Title IX Coordinator, P.O. Box 302101, Montgomery, Alabama 36130-2101 or call (334) 242-8444.

# COMPACT TRACTOR DRIVING CONTEST CAREER DEVELOPMENT EVENT

## PURPOSE

The FFA Compact Tractor Driving Contest provides a competitive activity for Central District FFA members to demonstrate their knowledge about the care and operation of compact or garden tractors and riding mowers less than 20 horsepower. The contest also gives members a chance to improve their knowledge of lawn care and safety.

## ELIGIBILITY

Any active Central District FFA member currently enrolled in grades 7-12 is eligible. Contestants must have a Release of Liability form signed by parent or guardian.

## DIVISIONS

There are two divisions in this contest:

Junior Division - This division is for FFA members enrolled in Grades 7-9.

Senior Division - This division is for FFA members enrolled in Grades 10-12.

## LEVELS OF COMPETITION

The contest is conducted on the chapter, county and district levels, One county winner from each division can compete in the district contest. To compete in the district, winners should have competed with at least one other contestant.

## DISTRICT AWARDS-Sr. Division

1 <sup>st</sup> Place	Banner
2 <sup>nd</sup> Place	Banner
3 <sup>rd</sup> Place	Banner
4 <sup>th</sup> Place	Banner

## DISTRICT AWARDS-Jr. Division

1 <sup>st</sup> Place	Plaque
2 <sup>nd</sup> Place	Plaque
3 <sup>rd</sup> Place	Plaque
4 <sup>th</sup> Place	Plaque

## PHASES OF CONTEST

Designated judges will preside over the event and their decisions will be final. Contestants must abide by the rules and requirements. Any judge may disqualify a contestant because of unsafe practices or for acts unbecoming to an FFA member.

The contest will include:

1. Written examination (20 minutes).
2. Identification (15 minutes).
3. Compact tractor safety and operation.

A contestant will accumulate penalty points which are found by adding the points missed in each part of the contest.

### Part I - Written Examination

The written exam will consist of twenty (20) questions. The exam is made up of questions about tractor operation, maintenance and safety. There will also be questions about turf and lawn management. The subject matter included in the exam comes from the publications listed as references in this booklet. Four (4) penalty points will be given for each wrong answer.

### Part II - Identification

Ten (10) numbered items will be identified by each contestant. The items will include compact tractor parts, lawn care equipment and common turf grasses and weeds. Items to identify may be: (1) numbered on the compact tractor or piece of equipment, (2) actual items, and/or (3) pictures of the items. Each item missed will be a penalty of 4 points.

### Part III - Safety and Operation

The Compact Tractor Driving portion of the contest gives FFA members an opportunity to demonstrate their skills in the operation of lawn and garden tractors. Safe work habits and safe equipment operation are stressed throughout the event. Penalty points will be added for errors in safety and for poor operation of the machine. There is a time limit of 8 minutes to complete the course. Sample score sheets are provided in this booklet.

Each participant will be given a few minutes to study and to get acquainted with the machine and its controls. The tractor may be operated in the immediate area of the contest but not through the course. A compact tractor will be provided at the contest.

## CTD-3

The contest diagram on page 4 will help you prepare for the driving portion of the contest. Safety is scored throughout the driving part. A few steps to remember are listed below:

1. Approach the compact tractor with a judge and introduce yourself. The first item on the score sheet is a pre-start check. You'll complete this according to the contest leader's instructions before the contest begins. You will then mount the tractor and let the judge know you're ready to begin driving.
2. Using what you have learned from your review of the course diagram and the contest leader's instructions, enter the course. Remember to be safe. One of the judges will put an obstacle in front of the machine to test your alertness and reaction to unsafe conditions. This will be done at random points in the course and will be done only one time for each participant.
3. Continue through the course to the finish point which represents a shed for the machine. You'll back the machine into this location, turn it off, and dismount. The judge may ask you to move the compact tractor back to the starting line for the next participant.

## RESOURCE MATERIALS

Care and Operation of Small Gasoline Engines, 1990 Ed., AAVIM  
Grounds Keeping Equipment, Vol .1. AAVIM

## EQUIPMENT

Compact tractor or riding mower less than 20 horsepower

Markers for laying out operation course

Source: Sargent-Sowell Inc., Tel 1-800-527-2450  
Miniature PVC 4" Cones - \$2.95 each . or

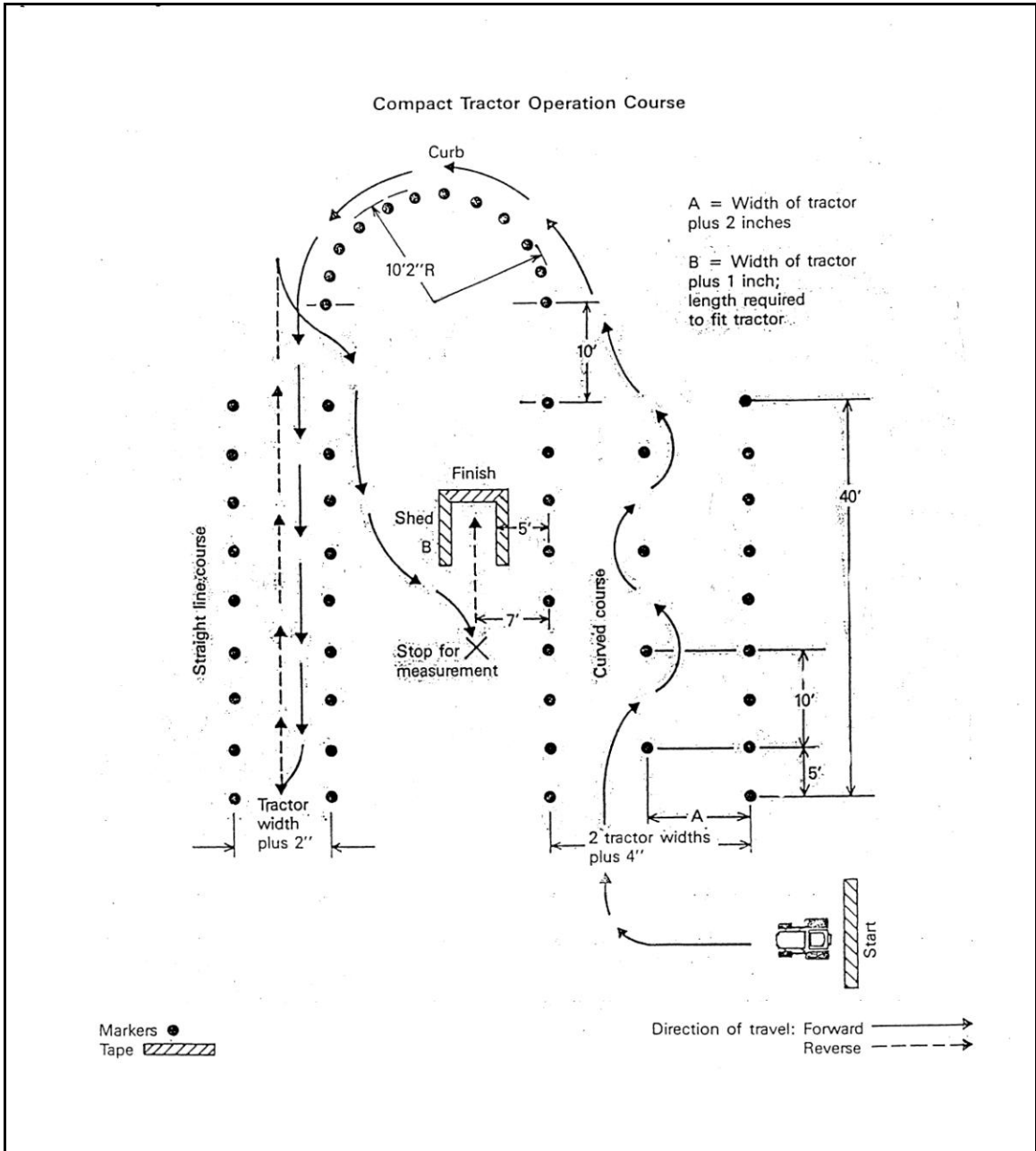
Local Building Supply - 3" PVC pipe (cut in 4" lengths  
- 2"x4" lumber (cut in small blocks for curb and shed layout)

Copies of written exam

Specimens for identification

Stopwatch

# Driving Course Diagram



**COMPACT TRACTOR DRIVING CONTEST  
SAFETY AND OPERATION SCORE SHEET**

Contestant's Name \_\_\_\_\_ Chapter \_\_\_\_\_

**Safety Procedure:** Each participant will be scored on safety throughout the compact tractor operation portion of the event. At some point in the course, a judge will put an obstacle in front of the machine being operated by the contestant. The contestant is expected to stop immediately, remove the obstacle from the course, and hand it to the judge.

Part III: Safety & Operation Score Sheet INFRACTION	NO. OF INFRACTIONS OR INCHES	POINTS LOST FOR EACH INFRACTION OR INCH	TOTAL PENALTY POINTS
<b>Prestart Check</b>			
Failure to check fuel level		25	
Failure to check oil level		25	
Failure to observe tire inflation		25	
Failure to observe loose or missing parts		25	
<b>Obstacle Removal</b>			
Inches traveled before stopping (Inches)		5	
Failure to set brakes		50	
Failure to disengage blade		50	
<b>Starting Safety</b>			
Failure to check neutral position		25	
Failure to disengage clutch while starting		50	
<b>Driving Safety</b>			
Failure to engage clutch gently		25	
Failure to ride on seat		100	
Skidding or spinning tractor wheels intentionally or because of excess speed		50	
<b>Mounting and Dismounting Safely</b>			
Failure to set brakes before dismounting (you can also set transmission in park)		50	
Failure to bring tractor to a complete stop before dismounting		50	
<b>Other Content Safety</b>			
Excessive Tractor Speed		100	
Using Clutch to Control Ground Speed		100	
Skidding or Spinning Tractor Wheels		100	

TOTAL SAFETY PENALTY POINTS

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CTD-6

Back of Safety & Operation Score Sheet

Part III: Safety & Operation Score Sheet	NO. OF INFRACTIONS OR INCHES	POINTS LOST FOR EACH INFRACTION OR INCH	TOTAL PENALTY POINTS
INFRACTION			

Driving Scoring			
Stops or interruption in the continuous movement of the machine where not required by the course		10	
Reverse change of direction other than what is necessary		10	
Any part of the machine extends over the boundaries of the course		10	
Markers are hit		20	
Markers are knocked over		40	
Riding the clutch: Continuous		100	
On occasion		10	
Grating of gears		10	
Engine stalls or racing of engine		10	
Failure to follow instructions		5	
Markers are passed when operating outside the distance allowed around the curb (the contest leader will indicate what this distance is)		10	

Measurements			
Inches from the back line of the shed after parking (over 1 inch)		2	
Inches over 1 inch that the tractor is off center in the shed		2	
Exceeded 8 minutes		100	

TOTAL OPERATION PENALTY POINTS  
(FROM THIS SIDE OF THE SCORE SHEET)

TOTAL SAFETY PENALTY POINTS  
(FROM THE FRONT SIDE OF SCORE SHEET)

TOTAL SAFETY AND OPERATION PENALTY POINTS

**Part II -- Identification  
Score Sheet**

Name \_\_\_\_\_ Chapter \_\_\_\_\_

**Directions:** Write the name of the item beside the correct number.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**Scoring:** Mark the incorrect answers. Multiple the number of incorrect answers by 4 to determine the number of penalty points for Part II.

Number of Incorrect Answers		Total Penalty Points Part II
	<b>X 4 =</b>	

**COMPACT TRACTOR DRIVING  
CONTEST**

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**NAME**


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**CHAPTER**

<b>Event Phase</b>	<b>Penalty Points</b>
<b>Written Examination</b>	
<b>Identification</b>	
<b>Tractor Safety/Operation</b>	
<b>Total Penalty Points</b>	
<b>PARTICIPANT'S RANKING*</b>	

\*The contestant with the smallest number of penalty points will be the 1<sup>st</sup> place winner, the second smallest number will be the 2<sup>nd</sup> place winner, etc.

**COMPACT TRACTOR DRIVING CONTEST**

***Release of Liability***

I, \_\_\_\_\_, hereby release all  
(Parent or Guardian)  
parties involved of any liability for accident or injury occurring during  
the \_\_\_\_\_ FFA Compact Tractor Driving Contest. Specifically  
(Year)  
released of liability for accident or injury are farm machinery dealers  
or their employees, the State Department of Education or its  
employees, \_\_\_\_\_ High School  
(Name of School)  
and the \_\_\_\_\_ Board of Education and  
(City/County)  
its employees, the judges and assistants assigned to conduct the  
contest. Contestants will operate the compact tractors at their  
own risk.

Parent or Guardian \_\_\_\_\_ Date \_\_\_\_\_

Contestant \_\_\_\_\_ Date \_\_\_\_\_

FFA Advisor \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
Date of Contest