

Maine FFA State Convention
SAFE TRACTOR/EQUIPMENT OPERATING CAREER DEVELOPMENT EVENT

EVENT RULES AND REGULATIONS:

1. Appropriate dress; comfortable shirt and pants, work shoes and **FFA Jacket**.
2. **Any contestant who does not report on time shall be disqualified!**
3. Only members with previous tractor driving experience will be allowed in the contest.
4. **Each contestant must complete all events.**

EVENT FORMAT

1. The contest will consist of two parts, each of which will be scored separately: A two-wheeled manure spreader event and a skid-loader event.
2. Tractors and equipment will be provided for each event. All contestants will use the same tractor and piece of equipment for each event.
3. All persons other than the judges, the scorers and the contestants will be barred from the contest area during the contest.
4. The Superintendents in charge of this contest will select judges and scorers.
5. In case any situation occurs that is not covered in the rules, the decision of the judges will be final.
6. Contestants will have time to FAMILIARIZE themselves with the tractors and equipment.
7. The contestant with the fewest deductions will be the winner.

PART I & II OPERATING SKILLS EVENTS

These events will test the skill and ability of the contestant to operate skid-loaders, tractors, and equipment safely.

Part I - Two-Wheel Manure Spreader Event

Part II - Skid-Steer Event

1. Each contestant will start off with a visual inspection of skid-loader, tractors and equipment. Judges will expect a verbal response.
2. The contestant will follow the course outlined by the judge (see attached illustrations.)
3. Time starts on a signal from the judge and stops when the contestant returns to original point.
4. The contestant will be allowed a maximum of ten minutes for each event. Less time used equals fewer deductions. The contestant will be notified at eight minutes that two minutes remaining. If the contestant does not finish the event in ten minutes, the judge will stop the contestant and an additional 500 point deduction will be added to their score.
5. Excessive tractor brake steering will disqualify the contestant from that event.
6. Contestants may be disqualified if they are observed not following safety standards, which may endanger themselves, the judges or the public.
7. See scorecard for deductions.
8. The skid-steer event will use pallet forks to move loaded pallets around a course. One pallet will have four, five-gallon buckets of sand, while the other has a five-gallon bucket of potatoes.

NOTE* CONTESTANTS WILL BE STOPPED BY THE JUDGE IF IT IS FELT THAT THE CONTESTANT IS NOT IN FULL CONTROL OF THE SKID-LOADER OR TRACTOR AND SAFETY OF THE OPERATOR AND JUDGES ARE JEOPARDIZED! CONTESTANTS WILL RECEIVE AN ADDITIONAL 500 POINT DEDUCTION!**

***Note- We hope to use John Deere, New Holland and Kubota Tractors and a Bobcat Skid-Steer. Go to manufacturer's websites for a safety video, tractor sizes and descriptions. Local dealerships supply our tractors. Tractors will range between 30 to 60hp.**

Score Sheet - Two Wheeled Manure Spreader Event

Contestant _____ Chapter _____

TRACTOR SAFETY RESPONSE (verbal response to Judges)

Deductions

After walk-around and starting tractor

- Check fuel and oil gauge _____ X 10
- Check brakes - depress brake pedal with engine running, tractor in gear _____ X 10
- Check tires – by sight only _____ X 10
- Check hazards dirt, grease, tools, improper attachments, etc. _____ X 10
- Check safety belts _____ X 10
- Check ROPS _____ X 25

STARTING

- Transmission not in Neutral/Park _____ X 25
- Brakes not set _____ X 25
- Clutch not disengaged _____ X 15

OBSTACLE COURSE

- For each time tractor or manure spreader touches obstacles or lines _____ X 50
- For each time tractor or manure spreader knocks down obstacles or crosses lines _____ X 100
- For each unnecessary change of direction (forward or backward) _____ X 50
- Going out the wrong gate _____ X 200

BACKING MANURE SPREADER INTO THE ALLEY

- Number of inches over three (3) inches from the back of the stall _____ X 10
- Number of inches off center in the front _____ X 10
- Number of inches off center in the rear _____ X 10
- For each time tractor or manure spreader touches obstacles or lines _____ X 50
- For each time tractor or manure spreader knocks down obstacles or crosses lines _____ X 100
- For each unnecessary change of direction (forward or backward) _____ X 50

JUDGES OBSERVE AT ALL TIMES DURING ABOVE OPERATIONS

- Improper mount/dismount _____ X 50
- Failure to use seat belt _____ X 25
- Failure to set brakes when getting off/or put in Park _____ X 50
- Sliding or spinning tires, brake steering _____ X 100
- Rough clutch engagement _____ X 25
- Clashing of gears when shifting _____ X 25
- Excessive engine speed _____ X 25
- Excessive tractor speed _____ X 50
- Standing while tractor is moving _____ X 100
- Moving tractor with brakes on _____ X 25
- Failure to put in gear or park when getting off with engine stopped _____ X 50
- Riding the clutch _____ X 25
- Any unsafe conduct while on or around tractor _____ X 25
- Fouling equipment (touching spreader w/tractor wheel) _____ X 50
- Rubbing hard _____ X 75

Sub Total of Deductions _____

If the contestant does not finish within the ten minute time period, they will be given an additional 500 point deduction. Time deduction – Convert minutes into seconds, add the remaining seconds. Divide the total seconds by 3. To this add the subtotal for deductions to get the final score of the contestant.

TIME _____ Deduction _____ Sub Total _____ = TOTAL _____

Score Sheet - Skid-Steer Event

Contestant _____ Chapter _____

SKID LOADER SAFETY RESPONSE (verbal response to Judges)

Deductions

- After walk-around and starting tractor _____
- Check fuel and oil gauge _____ X 10
- Check foot pedals and steering handles _____ X 10
- Check tires by sight only _____ X 10
- Check hazards dirt, grease, tools, improper attachments, etc. _____ X 10
- Check for seat belts/harness _____ X 10

STARTING

- Improper mount/dismount _____ X 50
- Seat belts or safety harness not on _____ X 50
- Throttle set to high _____ X 25
- Starts course with the parking brake on _____ X 50

LOADING

- For touching line or obstacle (with skid-steer or forks) _____ X 50
- For crossing or knocking down obstacles _____ X 100
- For each unnecessary change of direction (forward or backwards) _____ X 50
- Traveling with forks too high _____ X 50
- Excessive speed going into pallets _____ X 50
- Moving pallets (more than four inches) _____ X 50
- Improper use of forks while loading _____ X 50

NAVIGATING COURSE

- Excessive loss of water from bucket (more than three inches) _____ X 50
- Tipping bucket of water off pallet _____ X 300
- ***Operator must return to bucket station to get a new full bucket!
- Carrying load at unsafe height _____ X 50
- Pallet #1 not squarely on pallet #2 _____ X 25
- Excessive speed over obstacle _____ X 50
- Excessive bucking on turns and going over obstacle _____ X 50
- Pallets not squarely on platform _____ X 25
- Unsafe speed approaching platform _____ X 50

PARKING SKID-LOADER AT FINISH LINE

- Failure to reduce throttle _____ X 10
- Forks not completely down _____ X 50
- Failure to shut off Skid Loader (set parking break when exiting machine) _____ X 100

JUDGES OBSERVE AT ALL TIMES DURING ABOVE OPERATIONS

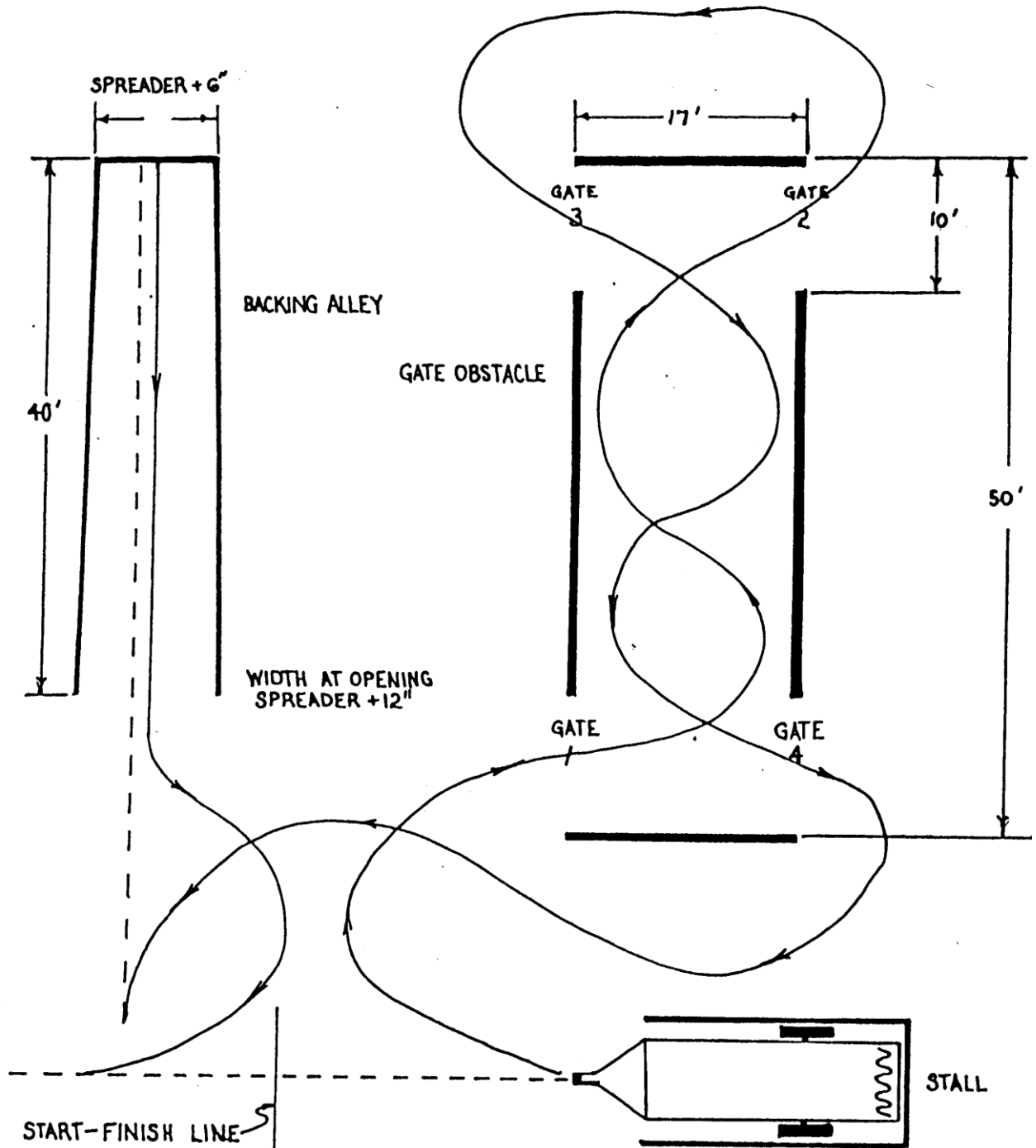
- Failure to operate skid-loader safely _____ X 100
- Excessive skid-steer speed _____ X 50

Sub Total of Deductions _____

If the contestant does not finish within the ten minute time period, they will be given an additional 500 point deduction. Time deduction – Convert minutes into seconds, add the remaining seconds. Divide the total seconds by 3. To this add the subtotal for deductions to get the final score of the contestant.

TIME _____ Deduction _____ Sub Total _____ = TOTAL _____

COURSE LAYOUT - TWO WHEEL MANURE SPREADER EVENT



1, 2, 3 AND 4 - GATES 10 FEET WIDE
 BOARD ACROSS END OF STALL
 AT BEATER HEIGHT
 DOTTED LINES INDICATE
 REVERSE MOVEMENT

3" CLEARANCE ON ALL
 SIDES & THE END OF STALL

Skid-Steer Event

Forward ———
Reverse - - - -

