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 before competition begins.
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 water.

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 a John Deere tractor, 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 and will be open cab.
Score Sheet - Two Wheeled Manure Spreader Event

Contestant ___________________________ Chapter ________________

**TRACTOR SAFETY RESPONSE (verbal response to Judges)**

<table>
<thead>
<tr>
<th>After walk-around and starting tractor</th>
<th>Deductions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check fuel and oil gauge</td>
<td>X 10</td>
</tr>
<tr>
<td>Check brakes - depress brake pedal with engine running, tractor in gear</td>
<td>X 10</td>
</tr>
<tr>
<td>Check tires – by sight only</td>
<td>X 10</td>
</tr>
<tr>
<td>Check hazards dirt, grease, tools, improper attachments, etc.</td>
<td>X 10</td>
</tr>
<tr>
<td>Check safety belts</td>
<td>X 10</td>
</tr>
<tr>
<td>Check ROPS</td>
<td>X 25</td>
</tr>
</tbody>
</table>

**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)

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

Deductions

- ___ X 10
- ___ X 10
- ___ X 10
- ___ X 10
- ___ X 10

STARTING

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

Deductions

- ___ X 50
- ___ X 50
- ___ X 25
- ___ X 50

LOADING

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

Deductions

- ___ X 50
- ___ X 100
- ___ X 50
- ___ X 50
- ___ X 50
- ___ X 50
- ___ X 50
- ___ X 50

NAVIGATING COURSE

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

Deductions

- ___ X 50
- ___ X 300
- ___ X 50
- ___ X 25
- ___ X 50
- ___ X 50
- ___ X 25
- ___ X 50

PARKING SKID-LOADER AT FINISH LINE

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

Deductions

- ___ X 10
- ___ X 50
- ___ X 100

JUDGES OBSERVE AT ALL TIMES DURING ABOVE OPERATIONS

- Failure to operate skid-loader safely
- Excessive skid-steer speed

Deductions

- ___ X 100
- ___ 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

SPREADER + G

BACKING ALLEY

GATE OBSTACLE

WIDTH AT OPENING SPREADER + 12"

GATE 1

GATE 2

GATE 3

GATE 4

STALL

START-FINISH LINE

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