

## 2007 WRIGHT COUNTY FAIR Combine Demo Derby

### Official Rules and Regulations

1. Drivers must be 16 years of age and able to show proof of age along with parental waiver.
2. All drivers and pit crew members must sign liability waiver agreement.
3. Drivers must wear seat belt, helmet, long sleeve shirt, long pants, and hand protection. NO SPRING LOADED SEATS unless securely chained.
4. All combines must have a cab or roll cage and be two-wheel drive, and glass taken out, remove ladder, cab welded or bolted shut.
5. Combine must use a grain table (platform) that is fixed at 18" from the ground. Maximum platform width is 20' (no less than 10'). Loss of platform will result in disqualification from the competition.
6. Combine grain table must have reel, guards, sickle, and loose sheet metal removed. Combine ladder, unloading auger, choppers, and glass must also be removed. Separator must be inoperable. Driver's door must be welded or chained shut. Safety bars or shield, at least 36" high, must be added to the front of the cab area for driver protection. A roll cage made of 2" pipe must be added if there is no cab. Roll cages must be covered.
7. Participants must reinforce header to maintain 18"-24" header height. See Combine Reinforcement.
8. All combines to be as originally manufactured (no reinforced parts or shields allowed) except as outlined in rules 6 and 7 above.
9. Corn heads with snout removed, bean head, or dummy pickup head allowed.
10. No factory fuel tanks. Maximum of 10 gallons allowed in tank. Fuel tank must be mounted on top of combine (inside grain tank preferred). TANK MUST BE SECURELY STRAPPED.
11. Batteries must be mounted on top of combine. BATTERY MUST BE SECURELY STRAPPED.
12. Tires may be filled with air only; no water; no foam; no duels allowed; two-wheel drive only.
13. A stick must be mounted in the vicinity of the driver. The stick must be broken off when the driver is disqualified or unable to continue.
14. During the competition, no combine shall be raised more than 5' off the ground.
15. No direct hits to the driver area.
16. 2 minute time limit to restart and make contact. (See Rules of the Ring near bottom of page.)
17. Combines may be decorated, painted, or offer advertising. No profanity or obscene materials will be allowed. A trophy will be presented to "*Best Decorated Combine*,"
18. Radiators may be moved.
19. No rear wheels dished out.
20. Rear axle pivot may be welded.
21. All hydraulic hoses removed.
22. Recommend Fire Extinguisher on Combine.

23. Contestants must stay with combine until removed by derby officials
24. No alcohol allowed in pit or demo area. Immediate disqualification upon infraction of this rule.
25. The Driver must be able to see out of the rear of the combine from the seat.

### **Combine Reinforcement:**

Reinforcing is allowed. Excessive reinforcement will be disallowed by judges. Reinforcing iron is limited to ten pieces of iron, any length, located on the combine, except in areas restricted by the rules. This can be any type of iron, such as angle, channel, flat or round. Iron spears or external iron used for aggressive action is prohibited. There is NO Extra welding on the cutter Bar Edge. NO Welding Rock Guards and Header Bottom, and No concrete in the platform auger. NO Well casing can be used as a stiffener. Rub bars can be placed around the radiator or variable speed wheels, but not the rear axle parts. There can be no bracing on the headers, beyond the limit of the inside of the main wheels. Bracing is acceptable inside of the wheels, but this does not include bracing to keep the headers at the required 18"-24" inch height. The reinforcing ten piece limit allows for protection, but leaves machines vulnerable enough to keep them immobilized, but not too soon. The bracing limit does not include bracing used for hydraulic stops for safety or any driver protection supports. For safety, any number of iron pieces can be used.

Only two braces are allowed: one on each side of the header inside the front wheel. No other extra header reinforcements are allowed. MAXIMUM HEADER width is 20 feet (from outside the header to outside the header). (The minimum header width must be at least as wide as the outside of the drive tires.) If header falls off, you are disqualified. Square tubing may not be capped. If square tubing is capped, you will be required to cut the cap off to verify the thickness of the metal.

### **Rules of Conduct:**

The Wright County combine demo derby rules and regulations are designed to assist in the orderly conduct of the event and to establish universally acceptable minimum requirements for regulation of combine demolition derby events. No expressed or implied warranty of safety shall result from any Wright County Fair publication or exposure to harm, injury, or death to any pit participant or spectator. The event directors shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in their opinion do not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration or specifications. Any interpretation of these rules is left to the discretion of the officials and their decisions are final.

### **Rules of the Ring:**

1. No backing into driver's area of opponent.
2. Contestants must not leave designated derby arena or they will be disqualified.
3. Contestants have 2 minutes to make contact with another combine. Flag man will give one warning then participant is disqualified. The same rule holds for unsafe operation of combine (See rule 16)
4. No hitting of front tires for the first 10 minutes of the heat.

### **Pit Rules:**

1. No alcohol allowed in Pits. Any driver or pit crew drinking before or during the combine demo derby will disqualify the combine.
2. No one allowed in the pits that has not signed a waiver. (Waivers will be available by 2pm the day of the derby)
3. No persons under the age of 16 will be allowed in the pit area.