

# **PUMPKIN CHUCKIN**

## **Rules & Regulations**

**The Pumpkin Chuckin Competition is broken up into three divisions:**

### **Little Chucker**

**Age: 14 and under**

**Max height: can not exceed 41”**

**Projectile: Mini gourd**

### **Huge Hurlers**

**Age: Open to all ages**

**Max height: no limit**

**Projectile: 8-10 pound pumpkin**

### **Soaring Squash**

**Age: High School Division**

**Max height: 15ft**

**Projectile: 5 pound pumpkin**

## **Pumpkins & Gourds:**

**Pre-weighed pumpkin are available to all competitors courtesy of:**

### **Maurice Family Farms**

- You may bring your own pumpkins if desired
- All pumpkins brought to competition will be inspected
- **Pumpkins Must Not Be Altered** including but not limited to: air ducts, wings, fins or any type of lubrication

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### **Team Members:**

- Youth teams must have a max of 8 team members, plus up to two advisor, in the pit at a time.
- All teams must have at least one member over the age of eighteen.
- No-one is allowed behind machines while they are launching. Advisors/ Team Captains are responsible for ensuring safety
- All team members on field must have a waiver on file if under 18 waiver must be signed by guardian.
- Drugs and/or alcohol are not allowed
- Noncompliance of any team or team member with any competition rules, including un-sportsmanship is grounds for immediate disqualification on judges discretion.

### **General Rules:**

- Height of trebuchet including throwing arm fully extended (the un-cocked height, straight up in the air) may not exceed limit .The sling and the cocking mechanism are not included in the height limit, so the sling may exceed the limit.
- The trebuchet may be mounted or assembled on a trailer. The height of the trebuchet will be measured from the floor of the trailer. This does give a slight advantage so to compensate, the height of the trailer will be subtracted from the distance of the throw. (For example, if someone uses a 3 foot trailer and throw 100 ft, they will get credit for only 97 ft.)
- No digging into the ground is permitted. Ground stakes, ropes, wires and straps are allowed and encouraged again for safety reasons.
- Winches or other electrical motors are allowed to cock a trebuchet. This is for safety reasons. If these devices are use they must be battery powered because there is not electric on the field.

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### Safety

Safety must be observed at all times not only by the staff but by the teams themselves. Teams are responsible for the safety of their own team members as well as the safety of the pit next to you. Do not attempt actions that place your team or the teams around you at risk of injury. Communication with the judges and staff is critical for us to understand changes you intend to make throughout the day. The staff is here to help you play safe please communicate with them changes that could impact safe operation of your equipment.

**Machines must run with human and/or kinetic powered energy**, which may include: counterweight, springs, bicycles, rubber bands, air, muscle, etc. No explosives, flames, or external water propulsion are allowed.

**HARD HATS AND EYE PROTECTION** must be worn by all team members involved in launching of machine.

**All machines must have a SAFETY DEVICE** made of chain, cable or bolts to prevent accidental launching. You are responsible for making sure everyone stays clear of your machine, in case of misfire. Personnel handling ropes or cable should wear gloves to prevent burns. Any machine found to have structural defects (load beams, firing pins, any load bearing members, supports or support systems or subsystems) will not be allowed to chuck until repaired and re-inspected by a member of the safety committee.

**WEIGHTS, STAKES, AND BRACES** are all allowed and encouraged to immobilize machines for safety.

**Machines must be launched mechanically by a rope or other type of trigger.** The trigger is the actual firing release. This must be released from a distance no less than 10 feet from the chucker. All launches should maintain a 30 degree field extending from directly behind and directly in front of the machine.

**NO LAG BOLTS** are allowed in load bearing applications. Lag bolts are considered low and load bearing stress can fatigue the lag. Approved attachments are carriage, shoulder or hex head bolts with washers and backing plates.

**Machines may be disqualified for shooting straight up in the air.**

Entrants shall indemnify and hold harmless the Great Pumpkin Chuckin Fest and its organizers and volunteers and agents and the owners/operators of the event host property, Racine County Agriculture Society its employees and elected representatives, from and against any and all claims, demands, cause of action or liability resulting from injuries to any person or persons including death, or damage to any property arising out of a negligent act or omission by the entrants with the activities described herein. All members of the chucking team must sign waivers and/or release forms in order to participate. Team members under the age of 18 must have form signed by parent or guardian. **No one will be allowed in the pit unless they have signed a waiver.**