



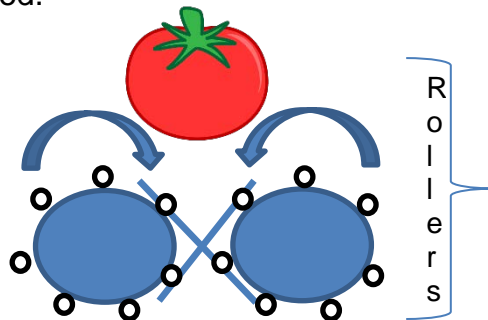
Fall Harvest 2016
APEGNB Pumpkin
Fling
Mini-Tomato
crushers Contest
September 30th,
2017



All teams should be at Waterford Green with their tomato crushers by 1:00PM. Teams will be asked to set up their tomato crushers near the ASD-N Crusher Zone in preparation. At 1:30PM the Tomato crushers Contest will begin with a countdown crusher display.

Please note that the Crusher times are approximate. The order of teams will be decided by a random draw. We will be starting the five minute timer for each team as soon as they are prepared to Crush. The next team will be called to the ASD-N Crusher Zone as soon the timer of the previous team expires or they have taken their last shot. All teams should be prepared to enter the Crusher zone when they are called.

Design Guidelines



- Wood frames by Miramichi Timberframes cannot be modified – these are used to restrict dimensions.
- Crusher drums can be customized with rubber crusher blades only.
- No springs or mechanical motors allowed – pulleys are allowed
- A bucket is supplied by Northumberland Timbermart Co-op.
- No electronic assistance or air pressure is allowed.
- A specialized screen must be use to regulate proper crushing properties of the tomatoe.

Competition Rules

- Only one tomato crusher may be submitted per ASD-N school.
- Teams can be comprised of any number of students (minimum 2). Teams must also have a Team Mentor (teacher, parent, community member, etc.)
- During the tomato crusher contest, schools will have 10 minutes to fill a 5 gallon buckets with a crushed tomatoes.

Scoring

- Teams will be called to load their tomato crushers into the ASD-N Crusher Zone. Teams will have 10 minutes to hand or pedal powered crushers.
- All tomato crusher adjustments (or repairs in the case of breaks) must take place within the 5 minute allotted time. There are no time outs or do overs!
- Each team will be scored on the weight of the amount of tomatoes crushed in their device.
- Tomato pulp must passed through the screen filter.

Safety Guidelines

- All children and staff mentors in the Crusher Zone require eyeglass protection and protective chutes for hands free loading (hinged trap door for example)
- If a tomato crushers is deemed unsafe or to have illegal modifications it will be disqualified.
- Only 4 students and 1 adult are permitted in the ASD-N Crusher Zone. One person will be designated as the hand/pedal powered crusher, all others except for the feeder who required eye protection – all others stand back 2 meters because of the potential of flying debris.
- It is your responsibility to make sure that you understand the rules, and that your tomato crushers meet the requirements.
- We must keep FINGERS out of the crusher devices even though we make safety precautions such as rubber blades and trap safety doors.