

WSA FALL SPUD LAUNCHER CHALLENGE

Saturday October 26th 2019



This event is a family affair, all spuds species are welcome as ammunition.

Each launcher must be a traditional potato launcher with a basic combustion launch mechanism (no dry ice bombs or pneumatic launchers). Launchers will be inspected and approved by the judges to insure they are only hairspray type propellant.

Whether you're a potato launcher pro or a tater tot, this falls launch promises to be a fun gathering.

Entry fee is \$10 per launcher: If you are on a team, you can still build and participate in other fields with your own launcher. No launcher can be used in multiple events or classifications. Example: If your launcher is used as a personal launcher, it can't be used in team events, as well as team launchers can't be used as an individual's launchers. The winning launcher in each class takes all monies raised in that division. **Classifications:** **Singles** **Team** **Juniors** **Pistol**

Singles: (18 and over) only one person to create the launcher, and to fire the launcher.

Team: A team can consist of up to but no more than 4 members. All members must take turns launching their device. Teams are required to have at least 1 member 18 and over. Anyone on a team under 12 must be directly supervised by the senior member of that team.

Juniors: Ages 12 to 17, must have be supervised by someone 18 and over but is not required to help with building or firing the launcher.

Pistol: Pistols are hand held, single hand or two, but it can not be more than 2 foot in length and must have a resemblance of a hand gun. Singles only, anyone under 18 must have supervision to participate.

Materials: You can use anything you wish to make your launcher but NO wadding can be used in a Launcher, just the potato itself in the tube.

Restrictions: Hairspray is the ONLY propellant allowed, no other fuels will be allowed for safety purposes. Ignition systems for the hairspray are not restricted.

Safety glasses are required for participants while launching.

Upon registration you will receive a number and that is your number throughout the competition.

Registration starts at 10 am and the first launch will be at 12 noon.

Judging will be on the following: Judging system may be adjusted before the event.

Hang time, launch your potato for altitude, how high will it go? (3 shots, every second airborne is 1 point)

Distance, how far can you launch your potato? (3 shots, 1 point every 25 yards)

Accuracy, we plan to place 3 tubs at different distances and if you hit the tube you get a point, if you get it inside the hole in the tub you get 2 points. (3 shots)

Registration form is on the back!!!

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Circle one: **Single** **Team** **Junior** **Pistol**

Name: _____ Use comments section to add team member names.

If registering for more than one, please use separate registration forms for each.

Date registered: _____ Number Assigned: _____

Signature: _____

Comments:

Anyone wishing to build a master class may do so for purposes of demonstration only for this event. If there is enough interest, we can incorporate it into the spring challenge 2020.

All master class must be 18 and over, schedule 40 and up only (it will be inspected and anything not schedule 40 and up will not be allowed).

The master's class is unrestricted fuel and you can shoot anything biodegradable. Distance and accuracy will be the main factors in master class demonstration.

