

# WSA FIRST ANNUAL SPUD LAUNCHER CHALLENGE

## Saturday May 11<sup>th</sup> 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 year's 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**

**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.

**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.

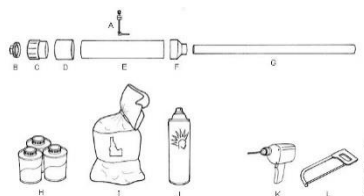
**Judging will be on the following:** Judging system may be adjusted before the event.

**Hang time,** launch your potato for altitude, how high will it go? (3 shots, every 5 seconds airborne is 1 point)

**Distance,** how far can you launch your potato? (3 shots, 1 point every 50 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 per tube)

Registration form is on the back!!!



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

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:

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