


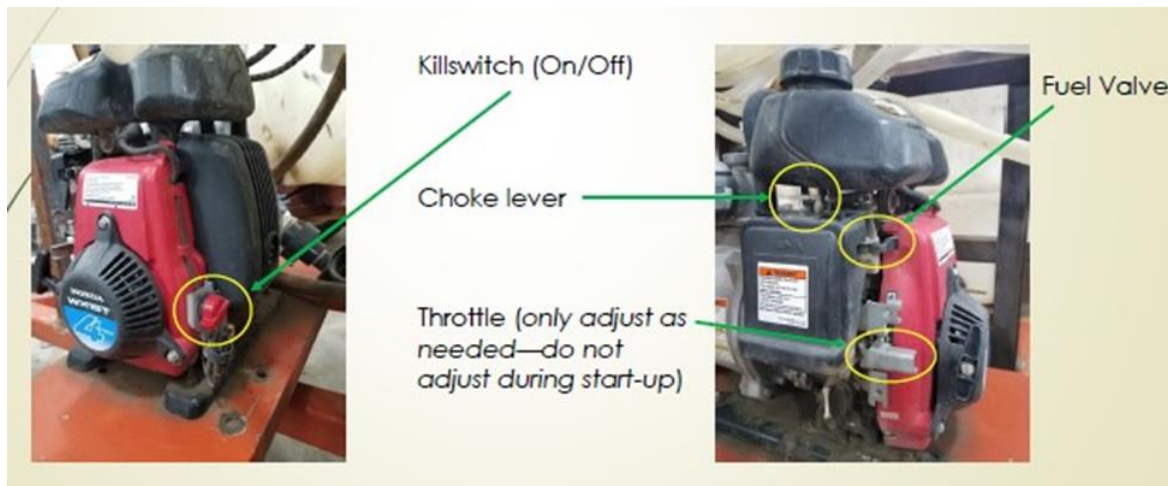


## BONNER COUNTY NOXIOUS WEEDS

- 521 S. Division Ave, Suite 216 • Sandpoint, ID 83864
- Phone: (208) 255-5681 ext.6 • Email: [chase.youngdahl@bonnercountyid.gov](mailto:chase.youngdahl@bonnercountyid.gov)
- Website: <https://www.bonnercountyid.gov/noxious-weeds>

### Sprayer Operating Guidelines:

- \* Make sure engine kill switch is in “on” position
- \* Choke to start, then ease the choke closed.
- \*Note: The engine could flood if in transit with the Fuel Valve “on”. Don’t try to start engine immediately upon arrival if Fuel Valve has been “on”.
- \* Only adjust throttle if necessary to set pressure gauge at pre-calibrated PSI; See sprayer calibrations sheet for this, it ranges from 15-21 PSI (while both nozzles are operating), depending on which machine you’re using. Do not adjust the by-pass regulator >>> 
- \* Follow product label instructions for mixing rates, then reference sprayer calibration sheet.
- \* Make sure valves are closed and fill tank **half** full of water before mixing chemicals. Test operation with water, prior to adding chemicals.
- \* Always empty and rinse spray tank when finished and fill engine with gas (ethanol free premium, only)
- \* Repairs cannot be refunded to you. A repair **must** be authorized by County Noxious Weeds personnel in advance, or return the machine.
- \* Call Chase if you need assistance: **208-255-5681 ext. 6 (office) 208-610-3566 (cell - text)**



**BONNER COUNTY NOXIOUS WEEDS  
SPRAYER CALIBRATIONS - 2026**

**#4 Trailer (Dufort) - 2 nozzles, 10 feet each (20 foot total swath)**

**200 gallon capacity**

5 acre load: Applies 40 gals./acre @ 3 MPH  
8 acre load: Applies 25 gals./acre @ 5- MPH

***The machine applies these rates at 21 PSI  
while nozzles are in operation***

**Only adjust throttle if the PSI is above or below 21 with nozzle(s) spraying**

\*Speed/rate is the same whether using both nozzles for a field or one for a roadside\*

**Speed - MPH: (1.467 ft./sec. = 1 MPH)**

44 feet travel in 10 seconds = 3 MPH

58 feet travel in 10 seconds = 4 MPH

73.33 feet travel in 10 seconds = 5 MPH