

## INSTRUCTIONS FOR TRAIL WEED SURVEY FORM

1. **Weed Code** – please use weed code from checklist (if species is not on the checklist, use first three letters of genus and species)
2. **LAT/LONG** points, in decimal degrees
  - a. For example: N 47.50254, W -121.65797
  - b. If your GPS gives you some other format, there are online converters: (e.g. <http://www.rcn.montana.edu/resources/tools/coordinates.aspx>)
3. **Weed Location** – note where the weed patch is located, e.g. trailside, 100 feet from stream crossing, down hill on east side of trail, etc. If you don't have a lat/long point, try to be specific so we can pinpoint the location on a map.
4. **Size of Infestation** –square feet
  - a. Infestations or patches are defined as stopping if there are no more of that species within approximately 100 feet of the outer most plant or based on terrain and other observations (e.g. divided by a river)
  - b. Minimum of 5 square feet.
  - c. For linear infestations, calculate from length times width, but give total
    - i. e.g.  $50 \times 2 = 100$
    - ii. if on both sides, include that in notes and calculate area as length x width x number of sides, e.g.  $50 \times 2 \times 2 = 200$
5. **Percent Cover** – estimate what percentage of the infested area is covered by the weed species (as seen from above); if there is only one plant, estimate percent cover of the single plant over 5 square feet (for trees you can use 10 square feet).
6. **Growth Stage** – use the most advanced stage of the population (e.g. if a few plants are in flower but most aren't, use F)
  - a. Only foliage, no flowers or fruit = **V**
  - b. Buds forming, no flowers open = **B**
  - c. At least some flowers open, no seeds or fruit = **F**
  - d. Some seeds or fruit = **S**
  - e. Plants dying back and going dormant, leaves yellowing or brown = **D**
7. **Habitat**
  - a. Use “road” only for roads open to cars, otherwise use trail
  - b. If the habitat is distinctive, give that instead of trail
    - i. e.g. forest, wetland, rocky slope, river shore, meadow, campground, etc.
8. **Control Date** – note the date you pulled or dug up the plants or, if you know they were sprayed during the current season, note the spray date or the date you made the observation if you don't know what date they were sprayed.
9. **Method** – this is the control method (pulled, dug up, sprayed, injected, etc.)
10. **Notes** –photo taken, weed flagged, monitor visit to a known site, status of infestation being monitored – none seen, controlled for season, partially controlled, not controlled