

Reed canarygrass herbicide FAQ:

What herbicide do you use and what concentrations?

We use "Custom RoundUP for aquatic and terrestrial use". The active ingredient is glyphosate (50.0%) other ingredients (49.2%).

Custom RoundUP for aquatic and terrestrial use is a non-selective herbicide that can effectively treat reed canarygrass at a 2% or less solution. This allows the Copper River Watershed Project (CRWP) to spray at very low concentrations.

- We spray a solution that is one ounce of herbicide for every gallon of water. This comes out to be roughly 12 ounces of herbicide (the size of a soda can) spread over 4 acres of reed canarygrass.
- After Application, this herbicide does not stay active in the soil. The herbicide tightly binds to soil particles and will not be taken up by plants or transported by water.

How do you spray?

We apply the herbicide solution via backpack sprayers. Backpack sprayers allow fairly precise application of the herbicide solution to individual plants. We can control the amount of spray coming from the nozzle and when the spray is being released, so we only spray reed canarygrass.

All people spraying are certified applicators and have gone through state testing and training in order to receive an applicator license.

Below are applications via backpack sprayers:



When and where do you spray?

When we only spray on days with no precipitation and low wind, this decreases herbicide drift that could be blown onto nearby plants.

- In our published "Public Notice" we state a 2-week window within which spraying can occur. This provides applicators adequate time to pick an ideal weather window. On average, it takes the CRWP 1 day to spray 3-5 sites.
- When herbicide is applied to a site, it is only applied once a year.