

Protocol for experimental treatment of remnants of cogongrass patches in NATL
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Three concentrations of 28.7% imazapyr (viz., Habitat, which has no surfactant) will be the treatments

Use colored flags to mark plants to be treated

Blue=0.25% Habitat + 0.25% surfactant

Pink=1% Habitat + 0.25% surfactant

Red=2% Habitat + 0.25% surfactant

Flag plants for Habitat treatment only in experimental areas [CG17, CG4, and CG13] (plus adjacent areas if desired) [Cogongrass not treated with Habitat will be sprayed with glyphosate.]

In upland pine, omit red treatments and set up blue and pink treatments in equal numbers. [On big patches in upland pine, omit all Habitat treatments; just spray with glyphosate.] Elsewhere, set up equal numbers of the three treatments
At each flag, clear area to be sprayed of dead leaves and general debris.

To make sure no flag is missed during spraying, keep track of numbers and locations of treatments of each color. (Record on spreadsheet.) [Be sure to remove any old flags from Habitat treatment areas]

When ready to apply treatments, mix 5 gal of water and 1.6 oz surfactant to make 0.25% v/v solution of “wet water.”
[Mix in 5-gal fuel can.]

To make 1gal of red solution, mix 1 gal water and 2.56 fl oz of Habitat (128 x 0.02)
[Mix in 2.5 gal triple-rinsed pesticide container. Add 6.4oz of Habitat to 2.5 gal water.]

To make pink solution, mix red solution with an equal amount of wet-water.
[Mix in 2.5 gal triple-rinsed pesticide container. Add 1gal of red solution to 1gal of wet water.]

To make blue solution, mix red solution with 7 times as much wet-water (or pink solution with 3 times as much wet water).
[Mix in 2.5 gal triple-rinsed pesticide container. Add 1qt of red solution to 7qts (=1.75gal) of wet water.]

Use Lesco hand sprayer to spray ground to wetness [do not “water” the ground; only wet it]. Area sprayed should extend ca 18 inches (1.5ft) in all directions beyond targeted cogongrass plants.