

Gaines, Lori

From: Christopher Ball <cmb368@gmail.com>
Sent: Tuesday, October 22, 2019 7:13 AM
To: ClerkoftheBoard, ClerkoftheBoard
Subject: Roundup Resistance
Attachments: Roundup Resistance.pdf

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Dear Clerk of the Board,

Here is a letter and 2 research article for the board of supervisors about Glyphosate resistance.

Christopher Ball
108 Orchard Dr
Ventura, CA

Dear Ventura Board of Supervisors,

Glyphosate should be restricted for weed abatement on public land due to the rising cases of plant resistance to the material. I have worked on crews that spray excessive amounts of Roundup as well as other mixtures of glyphosate sometimes in high concentration in waterway, which the label for certain mixtures allow and I see reemergence of the plants every time. When the plant resprouts after a treatment that is the pathway to resistance. My one example I will give is Arundo, it grows everywhere and it is hard to get rid of and with the broad spraying of Roundup on it Arundo will only get harder to remove. Below is one scholarly article backing my point about resistance and another with the current list of confirmed plants showing resistance. In short Roundup should be used but in a much more tactical method that keeps it effective.

<https://www.extension.purdue.edu/extmedia/gwc/gwc-1.pdf>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4260172/>

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