

RE: oryzalin usage in PNW

Schroeder, Jill <Jill.Schroeder@ARS.USDA.GOV>

Mon 2/12/2018 12:04 PM

To: Fournier, Alfred J - (afournie) <Fournier@cals.arizona.edu>; Mccloskey, William B - (wmcclock) <wmcclock@email.arizona.edu>;

Cc: Katie Murray <katie.murray@oregonstate.edu>; Amanda Crump <acrump@ucanr.edu>; Cathy Tarutani <ctarutan@hawaii.edu>; Ellsworth, Peter C - (peterell) <peterell@cals.arizona.edu>; Michael J Horak <mjhorak@ucdavis.edu>; Matt Enrico Baur <mebaur@ucanr.edu>;

Thank you all – Jill

From: Fournier, Alfred J - (afournie) [mailto:Fournier@cals.arizona.edu]
Sent: Monday, February 12, 2018 3:02 PM
To: Mccloskey, William B - (wmcclock) <wmcclock@email.arizona.edu>
Cc: Katie Murray <katie.murray@oregonstate.edu>; Amanda Crump <acrump@ucanr.edu>; Schroeder, Jill <Jill.Schroeder@ARS.USDA.GOV>; Cathy Tarutani <ctarutan@hawaii.edu>; Ellsworth, Peter C - (peterell) <peterell@cals.arizona.edu>; Michael J Horak <mjhorak@ucdavis.edu>; Matt Enrico Baur <mebaur@ucanr.edu>
Subject: Re: oryzalin usage in PNW

Bill,

Excellent input. Thank you.

Al

Al Fournier
Arizona Pest Management Center
University of Arizona
Cooperative Extension
520-705-9903

Sent from my iPhone

On Feb 12, 2018, at 12:42 PM, Mccloskey, William B - (wmcclock) <wmcclock@email.arizona.edu> wrote:

Al,

In recent years, I think there has been an increase in the pecan and pistachio acres treated with oryzalin. FICO in San Simon for example treated about 150 acres of pecans last fall. It is not reported to the ADA in 1080 forms because all of the herbicide applications are being done by growers using their own equipment and staff. I expect oryzalin use may continue to increase because many of our tree nut

producers are moving away from or reducing their use of glyphosate for various reasons. This has or will increase the use of residual herbicides.

Regards,
Bill

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From: Fournier, Alfred J - (afournie)
Sent: Monday, February 12, 2018 11:41 AM
To: Katie Murray <katie.murray@oregonstate.edu>
Cc: Amanda Crump <acrump@ucanr.edu>; jill.schroeder@ars.usda.gov; Cathy Tarutani <ctarutan@hawaii.edu>; Fournier, Alfred J - (afournie) <Fournier@cals.arizona.edu>; Ellsworth, Peter C - (peterell) <peterell@cals.arizona.edu>; Michael J Horak <mjhorak@ucdavis.edu>; Matt Enrico Baur <mebaur@ucanr.edu>; Mccloskey, William B - (wmcclosk) <wmcclosk@email.arizona.edu>
Subject: Re: oryzalin usage in PNW

Jill, Amanda, others:

Sorry for my delayed response. In Arizona we have very few reported uses of this chemistry the past several years and they are nearly all applications in cotton. It is not a primary herbicide in cotton, there other other more prominent ones. No reported specialty crop uses.

Hope this helps.

Al

Al Fournier
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On Feb 1, 2018, at 1:06 PM, Katie Murray <katie.murray@oregonstate.edu> wrote:

Hi Amanda,

Attached is a .pdf with some input from the PNW on oryzalin usage. I'm cc'ing Jill here also. I will submit this to the oryzalin docket as well.

Warmly,
Katie

Katie Murray
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On Jan 18, 2018, at 8:42 AM, Amanda Crump <acrump@ucanr.edu> wrote:

Hi,

Jill would like to know more about the importance of oryzalin in Western crops. I'm copying Michael because most of the registrations were from IR-4.

She would like to understand:

- For which crops is oryzalin the most critical?
- Which weeds are targeted by oryzalin?
- How does oryzalin fit into an IPM program?
- How is it used in an IPM program?

It's mostly an orchard/vineyard herbicide. Also used in Christmas trees, field flowers and other crops.

I'll gather California if you all will check with your weed scientists and get back to Jill.
Thanks!

I skimmed the risk assessments and there is a drinking water concern. That's the only thing that stood out to me.

Keep smilin',

Amanda

From: "Schroeder, Jill" <Jill.Schroeder@ARS.USDA.GOV>
Date: Thursday, January 18, 2018 at 7:09 AM
To: Amanda Crump <acrump@ucanr.edu>
Subject: oryzalin risk assessments

Hi Amanda-

I am looking at the usage information for oryzalin (dinitroaniline herbicide) and it appears that most of the use is in California including a number of specialty crop registrations that were obtained through the IR4 program. Tree crops (almonds, pistachios, walnuts) and grapes seem to be big users of the herbicide.

We are working on a letter of support for the herbicide (not extensive comments) but if I could get a sense of the importance to western specialty crops, the letter would have more impact. Can you help me out? I could use info on target weeds and if part of integrated management. I am going to look at the IPM guide as a starter – so have that covered.

The docket information is at <https://www.regulations.gov/docket?D=EPA-HQ-OPP-2010-0940> and comments are due by Feb 13 – if I could get info by early February, I would be grateful!

Thanks –
Jill

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<oryzalin 2-2018.pdf>