

From: "Rick Melnicoe" <rsmelnicoe@ucdavis.edu>
Subject: **FW: Registration Review Data Needs**
Date: November 3, 2008 12:57:26 PM GMT-07:00
To: "Jane M. Thomas" <jmthomas@tricity.wsu.edu>, "Cathy Tarutani" <cathy@hpirs.stjohn.hawaii.edu>, "Al Fournier" <fournier@Ag.arizona.edu>
Cc: <llherbst@ucdavis.edu>, "Diane Clarke" <dmclarke@ucdavis.edu>
1 Attachment, 31.0 KB

Dear Jane, Cathy and Al,

The Regional IPM Centers, particularly ours, have been trying to determine what information needs EPA and USDA will have in the coming few years. These needs have a direct impact on our programs and funding lines.

Would you please take a look at Al Jennings's e-mail and the attachment and provide me with your best guesses on each of the questions?

It would be better if you replied to me so that I can forward all the comments in one response. Al has a November 21 deadline, so if you could get replies back to me before that, I would greatly appreciate it.

Thanks.

Rick

From: Jennings, Allen [<mailto:Allen.Jennings@ARS.USDA.GOV>]
Sent: Monday, November 03, 2008 11:08 AM
To: aeq1@cornell.edu; Carrie; jess@msu.edu; jim_vankirk@ncsu.edu; jea@psu.edu; llherbst@ucdavis.edu; megray@uiuc.edu; Olsen, Larry; rsmelnicoe@ucdavis.edu; sratclif@uiuc.edu; steve_toth@ncsu.edu
Cc: mallampalli.nikhil@epa.gov; Burr, Wilfred
Subject: Registration Review Data Needs

All,

At the last Director's meeting, EPA agreed to identify data needs associated with Registration Review. Nikhil Mallampalli (EPA, BEAD) has worked with the Environmental Fate and Effects Division and the Special Review and Re-registration Division to assemble the attached draft list of potential needs. Please keep in mind that this is just a draft to serve as a starting point with more discussion to follow.

At this point, we would like your comments on the draft list of needs. Specifically, for typical pesticide chemicals, what information either exists or is easily obtained? What information could be obtained with a reasonable amount of time and effort? What are alternative sources of the information and what other data and information are available that might help illuminate the usage and use practices?

Could you please get back to Nikhil and me by November 21 with your reactions?

Thanks,

Al

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[Reg. Rev. Da...doc \(31.0 KB\)](#)

**POTENTIAL IPM CENTER DATA THAT WOULD BE USEFUL FOR
ENDANGERED SPECIES RISK ASSESSMENTS:**

LIST:

- Contact information for people at the USDA who could help direct us to the relevant local 'agricultural experts'.

USAGE DATA

- Median and 90th percentile reported use rate (lbs ai/acre) from usage data – County/Hydrological Unit Code (HUC)* (if possible). National and State use rate may be requested for active ingredients on a case-by-case basis. (BEAD has current use rate data for many, but not all, active ingredients at the national and state levels).

- Application Timing (date of first application and application intervals) by Crop - National, State, County, and HUC¹ (if possible).

- Sub-county level crop location data.

- Usage/use information for non-agricultural uses (*e.g.*, forestry, residential, right-of-ways).

- Directly acquired county-level and/or HUC-level usage data (not derived from state-level data):

- Maximum reported use rate (lbs ai/acre) from usage data – County/HUC

- Percent Crop Treated – County/HUC

- Median and 90th percentile Number of Applications – County/HUC

- Total Pounds per Year – County/HUC

- The year the pesticide was last used in the county/sub-county/HUC area.

- The years in which the pesticide was applied in the county/sub-county/HUC area during a specified period of time

- Crop acreage trends through time (over years) (*i.e.*, how crop acreage - for specific crops - has changed through time).

¹ Data at the HUC 8 level would be useful.

- IPM 'success stories' – what IPM strategies have worked to decrease pesticide usage (*e.g.*, what have been some useful alternatives to pesticides) (this could be useful for mitigation purposes)?

LABEL INFORMATION

- Typical treatment Interval (days) [the label provides minimum intervals]
- State or local use restrictions (may not always be on the EPA label)