

# The Sixth PUR Workgroup Meeting

April 20, 2007

Buhler Alumni and Visitor Center

University of California Davis



# What have we done last year?

- # Annual meeting March 28, 2006
  - # Data acquisition and quality discussion
  - # Theme for this year, focusing on air quality related analyses
  - # Survey to identify the needs for the PUR training
    - Designed a survey questions
    - Conducted a training to two workgroups in March
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# **PUR Training Survey of Farm Advisors and Specialists**

<http://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=1710>



PUR Training - Microsoft Internet Explorer

File Edit View Favorites Tools Help



## PUR Training

All agricultural pesticide applications and many non-agricultural applications must be reported to the Department of Pesticide Regulation (DPR). These data are maintained in a database known as the Pesticide Use Report (PUR) database. These data are available for the public in various summary forms and the entire database is available on CDROM. Many people have asked how they can get the data and once they have it how they can use the data. If there is interest, DPR can offer training on how to access and use the PUR data.

Question	Response
<b>Part 1</b>	
Have you ever used data from the PUR?	<input type="radio"/> Yes <input type="radio"/> No
<b>(A) If you answered Yes to the question, have you used PUR data</b>	
How do you get the data?	<input type="checkbox"/> PUR Annual Report <input type="checkbox"/> DPR Web site (Cal/PIP) <input type="checkbox"/> CDROM from DPR <input type="checkbox"/> Request data from DPR <input type="checkbox"/> Request data from county <input type="checkbox"/> Crop Data Management Systems (CDMS) <input type="checkbox"/> Pesticide Action Network (PAN) web site <input type="checkbox"/> UCIPM web site <input type="checkbox"/> Other UC cooperators <input type="checkbox"/> Other :

# Survey Questions and Results

- # Number of responses: 32
  - # Number who have used PUR: 21
  - # Number who found data useful: 21
  - # Number who will continue to use PUR: 20
  - # Number thought  $> 20\%$  under reported: 5
  - # Number want to learn more: 28
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# Survey Questions and Results

<b>How do you get the data?</b>			
Annual Report	4		
Cal/PIP	11		
CDROM	3		
Request data from DPR	7		
Request data from county	4		
CDMS	1		
PAN	3		
UCIPM	9		
Other UC	8		
<b>What software did you use in analyzing or viewing the data?</b>			
Word	5		
Excel	13		
Access	1		
SAS	2		
Statview	1		
ArcView	1		
Quattro Pro	1		
StatGraphics	1		

# Survey Questions and Results

<b>What kinds of analyses do you do with the PUR data</b>	
Tables or graphs of use by crop, AI, county, grower, month, or other variables	11
Use of a particular pesticide product, AI, crop, grower, or some other variable	16
To get a list of pesticides that growers actually use in some situation	13
To determine pest management research needs	6
To determine where a pest management or environmental problem may exist	8
To see if growers have changed pesticides or reduced used in response to your recommendations	12
Develop pesticide environmental impact model	1
To look for CM pheromone use	1
<b>Do you think the data were accurate?</b>	
Yes	1
Mostly accurate	11
Somewhat accurate	3
No	0
Don't know	5

# Survey Questions and Results

<b>What topics are you interested in?</b>	
Getting easier access to the data	22
Importing the data into a spreadsheet, a database, GIS, or statistical program	20
Generating different statistics of pesticide use	21
Generating maps of pesticide use	20
Learning SQL to get more sophisticated views of the data	8
Error rates in the PUR	12
Data cleaning done by DPR	9
Search by user group(non-ag)&search by pest	1

# Survey Questions and Results

<b>What spreadsheet, database, GIS, or statistical software do you use?</b>	
Excel	28
Access	8
Oracle	2
ArcView	7
SAS	7
SuperANOVA	1
Statgraphics	1
postgreSQL	1
Filemaker	1
JMP	1