

DDVP (Dichlorvos) Information Request

From: [Allen Jennings](#)

Sent: Friday, July 13, 2007 9:39 AM

To: jess@msu.edu; Olsen, Larry; rsmelnicoe@ucdavis.edu; lherbst@ucdavis.edu; steve_toth@ncsu.edu; jea@psu.edu; Carrie; jim_vankirk@ncsu.edu; megray@uiuc.edu

Cc: olson.eric@epa.gov; Rogers, Ted

Subject: DDVP EPA request for information

Colleagues,

[Attached](#) (PDF* 95K) is a request for DDVP (Dichlorvos) use information in livestock operations. EPA is in a bit of crunch and would like your input in 2 weeks.

I appreciate your timely response.

Thanks,

Al

[Allen L. Jennings](#), Ph.D.
Director, Office of Pest Management Policy
USDA
202-720-5375

The Western IPM Center is headquartered in the UC Agriculture and Natural Resources Building at 2801 Second Street, Davis, CA 95618.

Pesticide information request

Active ingredient: DDVP (Dichlorovos)

Crops/Target sites: Livestock—direct treatment, premises treatment, and manure treatment

Notes:

- 1) EPA needs this information to refine worker exposure assessments.
- 2) If you have recently been contacted by EPA with similar question, please disregard this request.
- 3) EPA contacts are:

Don Atwood
Biological and Economic Analysis Division
(703) 308-8088

Susan Bartow
Special Review and Reregistration Division
(703) 603-0065

Eric Olson
Special Review and Reregistration Division
(703) 308-8067

Questions:

Animal Treatment – Dairy Cattle, Beef Cattle, Swine, Poultry (Laying Hen), and Poultry (Broilers)

- For treatment of each animal type, is DDVP important in your region?
 - If yes, what is the level of usage (% producers and % animals treated)?
- What equipment is used for DDVP application? Please include type (e.g., hand sprayer, power sprayer, automatic sprayer, duster box, etc.) and pressure.
 - What percentage of each application method is used by producers?
 - For a each particular application method;
 - Which product is used (e.g., DDVP, Ravap)?
 - For each product and method, what is the maximum rate used?
 - For each product and method, what is the maximum volume used per day per individual applicator (e.g. 40 gallons)? (The information will be used to determine lbs ai used per day.)
 - For each product and method, how many animals treated per day?

- For each product and method, are animals treated individually during different times of the day or all at once as a group/herd?
 - For each product and method, what is the duration of use per day?
 - For each product and method, what is the application schedule (e.g. daily, bi-daily, weekly, etc.)?
 - For each product and method, how many times is DDVP applied a year?
- Does the number of animals treated determine whether the application process is automated?
 - If yes, what is the animal population size when automated application is typically used?

Animal Premises – Dairy Barns, Poultry Houses, Feedlots

- For treatment of each animal premise type, is DDVP important in your region?
 - If yes, what is the level of usage (% producers using DDVP)?
- What equipment is used for DDVP application? Please include type (e.g., hand sprayer, power sprayer, automatic sprayer, duster box, etc.) and pressure.
 - What percentage of each application method is used by producers?
 - For a particular application method;
 - Which product is used (e.g., DDVP, Ravap)?
 - For each product and method, what is the maximum rate used?
 - For each product and method, what is the maximum volume used per day per individual applicator (e.g. 40 gallons)? (The information will be used to determine lbs ai used per day.)
 - For each product and method, what is the duration of use per day?
 - For each product and method, what is the application schedule (e.g. daily, bi-daily, weekly, etc.)?
 - For each product and method, how many times is it applied a year?

Manure – Livestock and Poultry

- For treatment of manure (livestock and/or poultry), is DDVP important in your region?
 - If yes, what is the level of usage (% producers using DDVP as a manure treatment)?

- What equipment is used for DDVP application to manure? Please include type (e.g., hand sprayer, power sprayer, automatic sprayer, duster box, etc.) and pressure.
 - What percentage of each application method is used by producers?
 - For a particular application method;
 - Which product is used (e.g., DDVP, Ravap)?
 - For each product and method, what is the maximum rate used?
 - For each product and method, what is the maximum volume used per day per individual applicator (e.g. 40 gallons)? (The information will be used to determine lbs ai used per day.)
 - For each product and method, what is the duration of use per day?
 - For each product and method, what is the application schedule (e.g. daily, bi-daily, weekly, etc.)?
 - For each product and method, how many times is it applied a year?

Please provide contact information for the answers given so we can follow up if we need clarification.

Please Respond to: olson.eric@epa.gov
atwood.don@epa.gov
bartow.susan@epa.gov

CC to: allen.jennings@usda.gov

Deadline: July 27, 2007