

# Web-Distributed Labeling for Pesticides

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PPDC Meeting – Session II

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# Web-Distributed Labeling: What is it?

- Electronic distribution of “Use Directions”
- Via the Internet and alternate delivery mechanisms (mail, fax)
  - Simplify label on container and deliver streamlined labeling (state, use site)
  - Reference web-based labeling through container reference statement
  - Allow for rapid updating of the labeling

# Web-Distributed Labeling: History

- States presented the topic to OPP's Office Director, Debbie Edwards at the Summer 2007 AAPCO meeting
- EPA formed an internal web-distributed labeling workgroup in the fall of 2007
- EPA workgroup identified issues and areas for further consideration, drafted discussion papers and conducted stakeholder outreach
  - States, Registrants, User Groups, Associations, Environmental Groups, Dealers, USDA, Crop Consultants, Private Sector Registration Services

# Web-Distributed Labeling: PPDC Workgroup

- PPDC Workgroup formed in May 2008 to provide feedback on papers and presentations and to advise EPA
- Members from state & tribal government, user/grower groups, environmental/public interest groups, chemical industry, and university extension
- 5 meetings to date, discussed 7 papers on:
  - scope, functionality, contents of container vs. web-distributed labeling, labeling lifespan, alternate delivery mechanisms, education and outreach, and establishing a virtual pilot

# Web-Distributed Labeling: Status

- General sense : concept of web-distributed labeling is valuable, the details need to be refined, and need to make sure the world is ready before establishing the program
- 2 major benefits
  - Accelerated process for incorporating risk mitigation measures and new uses on web-distributed labeling
  - Improved compliance through more readable container labels and labeling
- Other benefits
  - Streamlined use directions easier for users to understand
  - Easier to modify labeling, reduced printing costs
  - Most current version available immediately

# Web-Distributed Labeling: Sample

## Container Label (affixed)

- Ingredients
- Directions for use (or reference statement)
- Classification, signal word, symbol
- Storage & disposal
- Reg. & estab. numbers
- Warning/caution statements
- First aid

## Web-Distributed Labeling

- Use directions by site, state
- Use requirements, restrictions, prohibitions
- Expanded WPS information
- Expanded storage & disposal
- Advisory statements

# Sample Web-Distributed Labeling

**RESTRICTED USE PESTICIDE**  
Due to High Acute Toxicity to Humans.

For retail sale and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification. Direct supervision for this product requires the certified applicator to review federal and supplemental label instructions with all personnel prior to application, mixing, loading, or repair or cleaning of application equipment.

GROUP	IA	INSECTICIDE
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**DuPont™**  
**Lannate® LV**  
insecticide

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER POISON**

**PELIGRO** **POISON**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

**FIRST AID**

**This Product is an N-Methyl Carbamate insecticide.**  
**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.  
**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.  
**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.  
**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.  
**ATROPINE IS AN ANTIDOTE -SEEK MEDICAL ATTENTION AT ONCE IN ALL CASES OF SUSPECTED POISONING.**  
If poisoning symptoms appear (see POISONING SYMPTOMS), get medical attention.  
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER! FATAL IF SWALLOWED. CONTAINS METHANOL. MAY CAUSE BLINDNESS. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE.**  
Do not get in eyes, or on clothing. Wear protective eyewear. Harmful if inhaled or absorbed through skin. Avoid contact with skin or breathing spray mist. Wash hands thoroughly with soap and water after handling.

("PRECAUTIONARY STATEMENTS"  
Continued on next page)

**Water Soluble Liquid**  
Contains 2.4 lbs active ingredient per gallon.

Active Ingredient	By Weight
Methomyl (S-methyl-N-[(methylcarbamoyl)oxy]thioacetimidate)	29%
<b>Inert Ingredients</b>	<b>71%</b>
<b>TOTAL</b>	<b>100%</b>

EPA Reg. No. 352-384  
EPA Est. No. \_\_\_\_\_

30 pages

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**POISONING SYMPTOMS** — Methomyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors. If poisoning symptoms appear, refer to First Aid section on front panel of DuPont™ LANNATE® LV label and seek medical attention at once.

**NOTE TO PHYSICIAN:** Probable mucousal damage may contraindicate the use of gastric lavage.  
**TREATMENT** — Atropine sulfate should be used for treatment. Administer repeated doses, 1 to 2 to 3 mg intravenously every 10 to 30 minutes until full atropinization is achieved. Maintain atropinization until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is observed.  
Do not use 2-PAM for exposure to LANNATE® LV alone. However, for exposure to combinations of LANNATE® LV and organophosphorus insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment. Do not use morphine.  
For medical emergencies involving this product, call toll free 1-800-441-3637.

**THIS LABEL IS FICTITIOUS and FOR DISCUSSION PURPOSES ONLY** — Page 1 - Securely Affixed

Peaches by Airblast  
3 pages container-affixed  
2 pages web-distributed labeling

# Use Directions Reference

## DIRECTIONS FOR USE

You must obtain and follow additional labeling from <http://pesticidelabeling.gov/> or by calling 1-8\*\*-LABELING. You must possess a copy of this additional labeling at the time of application. It is a violation of federal law to use this product in a manner inconsistent with its attached label or the additional labeling obtained in one of the methods listed above.

This statement resides on the container-affixed portion of the label.

# Web-Distributed Labeling: Additional Features

- “Web-distribution” Section of Labeling Web site
  - Access labeling for specific use in specific state
  - Highlight changes from previous versions of labeling
  - Labeling links to Endangered Species bulletins
- “Stewardship” Section of Labeling Web site
  - Rate calculators, training materials, demonstration videos
  - Download WPS-specific requirements for posting
  - Links to State requirements, site-based regulatory decisions, advisory information, NAFTA labels, MRLs

# Web-Distributed Labeling: Next Steps

- Continue to work with internal and PPDC workgroups, seek state and other stakeholder input
- Explore the concept of a “virtual pilot”
  - Test aspects of web-distributed labeling without requiring labeling changes in the field
  - Answer questions raised by PPDC Workgroup, states, others
  - Identify and address areas of concern
  - Incorporate aspects of discussion papers

# Web Web-Distributed Labeling

- Contact:

William Jordan, EPA/OPP - Workgroup Chair

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Michelle DeVaux, EPA/OPP

[devaux.michelle@epa.gov](mailto:devaux.michelle@epa.gov)

# Workgroup Perspectives

- Catherine Daniels, Washington State University
- Ray McAllister, Crop Life America
- Teung Chin, USDA

# Questions for PPDC Members

- Given the potential benefits and challenges of making streamlined labeling available to pesticide users via the internet, do you favor EPA continuing its effort to develop the web-distributed labeling approach?
- In its exploration of the web-distributed labeling approach, has EPA overlooked any significant issue?
- What are the most critical issues that need to be resolved before EPA implements a pilot program which relies on a web-distributed labeling approach and involves the distribution and use of pesticide products in the field?