



# Digital Labeling Updates for SFIREG

**Dan Schoeff and Michelle Arling**  
**Office of Pesticide Programs**  
**U.S. Environmental Protection**  
**Agency**  
**April 7, 2025**

# Why Do Labels Matter?

The label provides critical information about how to handle and safely use the pesticide product and avoid harm to human health and the environment.

To be effective labels need to be:

Easy to find, read, understand, and enforce



# Pesticide Product “Label” and “Labeling” (FIFRA section 2(p) Definition)

- **Label**: the written, printed, or graphic matter on, or attached to, the pesticide or device or any of its containers or wrappers
- **Labeling**: all labels and all other written, printed, or graphic matter that:
  - accompany the pesticide or device at any time; or
  - to which reference is made on the label or in literature accompanying the pesticide or device “except” to current official publications of the EPA, the United States Departments of Agriculture and Interior, and the Department of Health and Human Services, State experiment stations, State agricultural colleges, and other similar Federal or State institutions or agencies authorized by law to conduct research in the field of pesticides.



When mixed with water  
**CREOCIDE** makes an ex-  
cellent emulsion, and ac-  
tive ingredients do not  
separate afterwards.

Call a doctor in case of  
accident.

**ANTIDOTE:** Give half pint  
of whisky or brandy and  
remove from stomach by  
applying stomach tube very  
cautiously, then give white  
of egg, and epsom salts  
(1 oz.), but avoid use of  
oils, fats and glycerine.

ROBINSON & WEBBER LIMITED  
WINNIPEG CANADA EDMONTON





Photo source: kinwun/stock.adobe.com

Source: Andrey Popov AdobeStock\_362224432

# Major Transformational Projects

Solving for Data and Documents Solves Infrastructure!



## Documentum Replacement

Target for Completion 9/2025

Project Timeline of 12 Months  
Alternatives Analysis Complete

Kick-off and Scoping Completed  
October 2024

Three Phases: Planning,  
Deployment, Migration

OCSP strategy



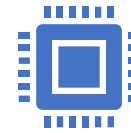
## Data Management Solution

Interdependent with Document  
Repository Project

Interdependent with Infrastructure  
Project

Holistic plan to deal with legacy software  
and Data Solution

Critical to transforming workflows and  
allowing for data-centric approach to  
documents, risk assessments, e-label and  
e-CSF



## INFRASTRUCTURE

Underlying physical and  
information technology devices

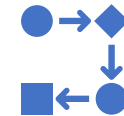
Legacy Apps: PRISM, OPPIN  
DE, OPPIN Query, etc. are all  
on prem

Interdependent on Data  
Management/Documents

12+ Months

Move to Cloud Solution

Build Business Capabilities in  
Salesforce



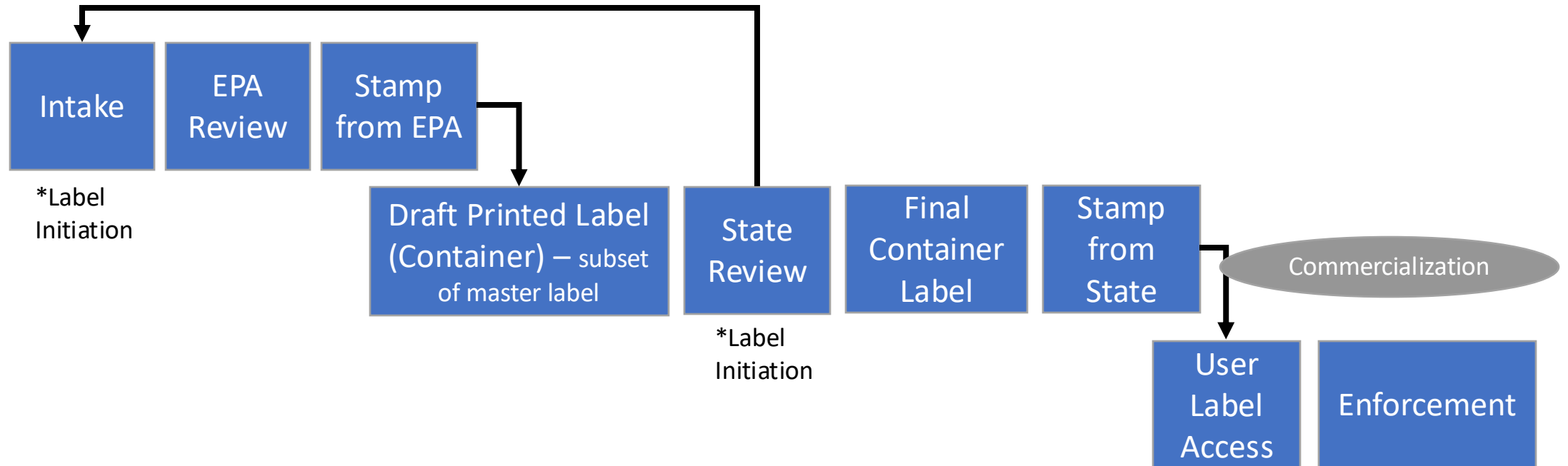
## PORTAL

Phase 1 Deployment December  
2024: Registrants Log In

Phase 2 Deployment January  
and TBD 2025: Registrant  
Dashboards

Phase 3 Deployments TBD Late  
2025: Submissions (high  
dependence on other projects)

# Digital Labeling



Registrants

EPA

States

Physical Location

Vendor

Label Users

# Structured and Digital Labeling

- Short-term goals
  - Update EPA's infrastructure and systems
  - Engage stakeholders
  - Evaluate potential “data model” for capturing all labeling data electronically
- Long-term goal – fully digital labeling system, from submission to review to final printed labeling
  - Structured label – formatting labeling so the same information is in the same location
  - Digital label – information in the label is presented as data, can be tagged and used in different ways



# PPDC Label Reform Workgroup

- Started in Summer 2023
- Focused on providing advice to EPA through the PPDC on developing structured labeling and structured digital labeling
  - Developing structured labeling “template”
  - Working on suggested standard vocabulary
  - Outlining the needs of a fully digital labeling system from all stakeholder perspectives
- Representatives from industry, grower/applicator groups, States, NGOs, extension, worker advocates, tribes
  - Gretchen Paluch (Iowa), Russell Darling (California), Sarah Caffery (Indiana), Liza Fleeson-Trossbach (Virginia)

# EPA-Caliper Proof of Concept

- Caliper has developed a data model that captures labeling data electronically
- EPA working with Caliper on “proof of concept”
  - EPA staff from all divisions participating in weekly workshops
  - Purpose: evaluate the data model and the impact on real-life practical applicability of tools
  - Goal: refine the existing data model and tool to ensure it captures relevant information at the appropriate level of detail

# Next steps

- Continue to gather feedback from states specifically on their needs in a digital labeling system (Registration and Enforcement)
- Continue to engage with PPDC workgroup on digital labeling