

E-Enterprise Pesticide Label Matching Project

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Pesticide Label Matching (PLM)

- FIFRA project funded under EPA E-Enterprise
- One of several EPA program projects funded
- Focused on federal/state & tribal partnerships
- Project Leader: Alan Boutureira
- Federal & State Co-Chairs:
 - Mardi Klevs/EPA R5
 - Dave Scott/OISC

PLM Objective

- Develop a tool/app that would allow relatively instant in-field inspection compliance reviews of pesticide product labels.
- Match labels on containers in channels of distribution against labels that have been accepted by EPA/OPP/RD.
- Currently a manual review process.

Challenges Encountered During Development

- No market label database against which to do the electronic label comparisons.
- Optical Camera Recognition (OCR) technology targeted as mechanism for app challenged by:
 - Lack of label formatting consistency
 - Small print on labels
 - Multi-page label booklets
 - Varied container shapes
 - Poor color contrast on labels

Project Focus Shifted

- Electronic word-for-word comparison of market labels in the field not attainable at this point.
- Can we salvage an e-tool that will facilitate some parts of the product compliance inspection process?
- Pesticide Label Matching & Data Availability Project.

Current Status

- “Pesticide Label Matcher” in app store
- User Name...BETAUSER
- Password....Beta!2016
- Final production delays

What Can the PLM Do ?

- Access federal data from OPPIN
- Search by EPA Reg. #
 - Registration status (*active, cancelled, etc.*)
 - Registered date
 - Master label history
 - Registrant
 - Toxicity signal word
 - Formulation type
 - Alternate brand names
 - Type of pesticide
 - Use sites
 - Pests
 - Ingredients

PLM Does Go Beyond OPPIN Data Access

- Can “create report” of product inspection.
- Can submit/email the report created.
- Report includes:
 - Inspector name
 - Email
 - Inspector Region
 - Federal/State inspection authority
 - Inspection date
 - Inspection location
 - Owner/operator contact information
 - Other comments

Next Step?

- Build on E-enterprise concept
- Federal / State & Tribal collaboration
- Create a national product inspection case management system ?
- *Integrated Collection & Transfer of Information & Evidence Collection System*
- White paper drafted by EPA Region 5

Purpose of Management System?

- Pesticide product compliance monitoring is a national program that impacts all states & tribes.
- Unlike pesticide use compliance issues:
 - Use primacy
 - Many SLAs & tribes already have evolved case management systems for use compliance
- Improve efficiency & effectiveness of 40+ year old system of managing(?) product compliance.

Current Process & System

- Clunky paper system with paper documentation & reports
- Time consuming & inefficient manual file & label reviews
- Slow manual paper referrals to EPA
- No ability to:
 - identify which products have been inspected & by whom (states, tribes, regions)
 - analyze nationwide inspection data...Form 5700 ?
 - track compliance & enforcement nationally
 - effectively communicate efforts between partners
 - prioritize inspection & compliance activities
 - measure program success or target areas for improvement

Proposed Solution

- Develop a product inspection field data collection & management system.
- Design & map efficient (new?) work flows & processes.
- Consistent federal E-forms:
 - Field inspection data collection
 - For cause & not-for-cause inspection data
 - NOI, Receipt for Sample, Chain of Custody, etc.
- Allow for:
 - Targeting
 - Tracking
 - Automated reporting
 - Analysis
 - Integrate client data, inspection data, existing databases (OPPIN,SSTS)

Questions? Comments?

