

PPT Surveillance in Agricultural Pesticide Handlers FY13 – 921ZGBD

Project Scope

This ten-year project (FY10-19) uses surveillance, research and intervention to improve PPE practices (correct PPE and its proper use) among pesticide handlers. The approach is based on both scientific studies as well as other evidence.

Objectives

1. To assess the correctness of PPE practices among agricultural pesticide handlers (PH) and their patterns over time.
2. To identify barriers to best PPE practices and factors that motivate best practices.
3. To design, implement, and evaluate interventions that target identified barriers and motivating factors.

Stakeholders

Pesticide handlers (PH) and their families, employers, educators, regulators, manufacturers, suppliers, and standards organizations

Milestones

Q1-4: Second Annual NIOSH Pesticide PPE Seminar Series (5 total)

Q1: Cognitive test and finalize survey

Q2: Develop/manage the NIOSH Pesticide Handler PPT Stakeholder Meeting: *Using Video Stories to Motivate Correct PPE Practices*

Q3:

- Topic Concept Memo (TCM) and Statement of Work – *“Using Video Stories to Motivate Correct PPE Practices”* DVD
- Develop OMB package for survey

Q4:

- Stakeholder meeting: *“Using Video Stories to Motivate Correct ...”*
- Begin capturing video stories.
- Continued assessment of the project impact
- Continued expansion across all industries

Applicable standards

- 40 CFR-- 171, 156, 170.170.7, 170.240(c), 170.232 (a)(2), 170.230.b.1
- 29 CFR -- 1928, 1910.132-1910.136, & 1910.138
- State-specific standards for using PPE

The program has 1500 partners. Some examples are listed:

- EPA, OSHA, and USDA
- State Cooperative Extension Service: NJ, WA, PA, AZ, FL, CO, NC, IA
- State Lead Regulatory Agencies (Depts. of Health and of Agriculture)
- NIOSH Agriculture Centers –PNASH (NW), NYCAMH (NE), WCASH (W)
- Crop Production Services, Southern States Cooperative
- Agrisafe Network, Agriculture Retailers Association, AGCO
- Pesticide and PPE Manufacturers
- Grainger, Gempler’s, and Oxarc
- Pennsylvania Office of Rural Health
- Association of Farmworker Opportunity Programs
- Farmworker Justice

Outputs

1. Table on Barriers to Using Correct PPE Practices and 20 presentations
 2. National Coalition – 1500 *external* partners (up from 1300 last year)
 3. Survey -- pretested questionnaire, protocol, and visual aids
 4. Pesticide PPE Hotline
 5. PPE Training Exhibit and Video
 6. Two annual NIOSH Pesticide PPE Seminar Series and digital recordings
 7. Three face-to-face NIOSH Stakeholders Meetings
 8. National Training Solutions Committee (NTSC) – 70 volunteers
 - Training Workshop and DVD, 2 PPE brochures
 9. [Expected: Footage and Contract for *“Using Video Stories to ...”* DVD]
- Intermediate Outcomes** NIOSH/EPA effort to update label respirator language; ~1000 PHs trained on correct PPE practices, 70 Hotline queries addressed; and 10 seminar recordings shared with 1500 partners. Several partners use 1) our seminars/recordings to train staff and provide CEUs for PH licensing, and 2) our identified barriers and/or PPE exhibit to enhance research and training programs and to develop interventions and standard operating procedures.

Updated: Apr. 08, 2013