

PPT Surveillance, Epidemiology, and Intervention in Pesticide Handlers FY15 (921ZGBD)

Objectives

1. Assess the extent of correct PPE practices and trends in practices over time.
2. Identify barriers and motivators, and personality correlate
3. Design, implement, and evaluate interventions

Stakeholders

- Pesticide handlers (PH)
- PH familymembers
- Employers
- Educators
- Regulators
- Manufacturers,
- Suppliers
- Standards organizations



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, local and tribal PPE regulations

Partners: EPA, OSHA, USDA, and 1500 others, such as --

1. Crop Production Services, Southern States Cooperative, and Orkin
2. Agriculture Retailers Association and AGCO
3. Association of Farmworker Opportunity Programs
4. Farmworker Justice and Agrisafe
5. Regional Agricultural Safety and Health Regional Centers
6. State Lead Regulatory Agencies
7. State Cooperative Extension Service
8. Pesticide Manufacturers (Syngenta, Bayer, etc.)
9. PPE Manufacturers (3M, etc.) and Suppliers (Grainger, Oxarc, etc.)

Scope: Surveillance, Epidemiology, Intervention and Prevention

- Phase 1 (Agricuilt.): 2009-2019 / Phase 2 (All Sectors): 2011-2022

Milestones

Q1: DVD Extramural Review

- Prepare Surveys for Administration

Q2: Screen participants for survey eligibility

- Presentation Assctn. Amer Pesticide Control Officials
- Submit DVD text into E-Clearance (Extramural Review)
- Complete Surveys for Administration with PPE requiremts.

Q3: Provide NASS refresher training

- Obtain NIOSH approval on DVD text (Extramural)
- Submit No-cost Time Extension
- 2 Presentations at Int. Society Ag. Safety and Health

Q4: Present to Pesticide Applicators Certificatn. & Training Wkshp.

- Stakeholder meetings to develop training curricula
- Obtain and Clean Raw survey data; generate NIOSH dataset

Q1-4: Maintain Pesticide PPE Hotline and Disseminate Outputs

Outputs

1. National Stakeholder Coalition (n=1500)
2. The first NPPTL PPE Hotline (125 queries addressed)
3. The first comprehensive Barriers Table (20 presentations)
4. Pesticide PPE Training and Exhibit (n=10)
5. NIOSH Pesticide PPE Seminar Series (8 virtual & 16 videos)
6. NIOSH Annual Face-to-Face & Virtual Stakeholders Meetings (n=3)
7. National Training Solutions Committee (n=70 volunteers) –
 - Training Workshop, Trainings DVDs (x4), PPE Brochures (X2)
8. [Expected] NIOSH numbered training DVD
9. [Expected] First comprehensive study of Practices, Barriers, and Motivators
10. Update to EPA's Label Review Manual
11. Three national presentations [six others expected]
12. [Expected] Three manuscripts

Intermediate Outcomes – Include the following Improvements:

- Training of safety professionals and workers (brochure, video, seminars, exhibit, hotline, updated pesticide labels, DVD),
- Research (survey and meetings and seminars),
- Federal and other guidance and standards such as pesticide labels & EPA's Worker Protection Standard updated with NIOSH respirator schedules, SOPs for field inspections (meetings, seminars, vidoes, barrier table, reports, national coalition).

Updated: 20 Feb 2015