

## CURRICULUM VITAE

### NAME

Walker, Cynthia Bareta

### ADDRESS

Bioagricultural Sciences and Pest Management  
College of Agricultural Sciences

Plant Sciences

### PHONE

(970) 491-6027

### EDUCATION

1998 Ohio State University

1988 Clemson University

1984 MS, Colorado State University

1981 BS, University of Wisconsin

### OTHER POSITIONS

2010 - Present Extension Specialist - Pesticide Safety Education, Colorado State University.

April 1988 - July 2013 Research Associate, Colorado State University - BSPM.

### PUBLISHED WORKS

#### **Books**

Bob, S., Tom, H., Jayanty, S. S., Walker, C. B. (2015). *Colorado Pesticide Applicator Study Guide - Post Harvest Treatment of Potatoes* (1st ed., pp. 77). Fort Collins, CO: CSU Colorado Environmental Pesticide Education Program. [www.cepep.colostate.edu](http://www.cepep.colostate.edu)

Hansen, P. J., Walker, C. B. (2015). *Colorado Pesticide Applicator Study Guide - Turf Pest Control* (3rd ed., pp. 116). Fort Collins, CO: CSU Colorado Environmental Pesticide Education Program. [www.cepep.colostate.edu](http://www.cepep.colostate.edu)

Whitford, F., Walker, C. B., Nowaskie, D., Young, B., Foreman, K., Spradley, P. (2015). *Removing Herbicide Residues from Agricultural Application Equipment* (vol. PPP-108, pp. 51). West Lafayette, IN: Purdue Extension. <https://ag.purdue.edu/extension/ppp/Documents/PPP-108.pdf>

#### **Refereed Journal Articles**

Merrill, S. C., Randolph, T. L., Peairs, F. B., Michels, Jr, G. J., Walker, C. B. (2014). Examining the Competitive Advantage of *Diuraphis noxia* (Hemiptera: Aphididae) Biotype 2 Over Biotype 1. *J. Econ. Entomol.*, 107(4), 5.

(2007). Yield Response to Russian Wheat Aphid (Homoptera: Aphididae) in Mixtures of Resistant and

Susceptible Winter Wheats. *Southwest Entomol*, 32, 15-Jul.

(2006). Yield Response to Russian Wheat Aphid (Homoptera: Aphididae) in Three Resistant Wheats in Eastern Colorado. *Southwestern Entomol*, 31(25-32).

(2005). Influence of Three Resistance Sources in Winter Wheat Derived from TAM 107 on Yield Response to Russian Wheat Aphid. *J Econ Entomol*, 98, 389-394.

(2005). Natural Enemy Impact on Russian Wheat Aphid in Southeastern Colorado. *Environ Entomol*, 34, 115-123.

(2005). Yield Response and Categories of Resistance to Russian Wheat Aphid in Four Dn4 Hard Red Winter Wheat Cultivars. *J Econ Entomol*, 98, 588-594.

(2004). Occurrence of a New Russian Wheat Aphid Biotype in Colorado. *Crop Sci*, 44, 1589-1592.

### **Non-Refereed Journal Articles**

Brown, J. E., McBride, C. S., Johnson, P. D., Ritchie, S., Paupy, C., Bossin, H., Lutomiah, J., Fernandez-Salas, I., Ponlawat, A., Cornel, A. J., Black, 4th, W. C., Gorrochotegui-Escalante, N., Urdaneta-Marquez, L., Sylla, M., Slotman, M., Murray, K., Walker, C. B., Powell, J. R. (2011). Worldwide patterns of genetic differentiation imply multiple 'domestications' of *Aedes aegypti*, a major vector of human diseases. *Proceedings. Biological sciences / The Royal Society*, 278(1717), 2446-54.

Walker, C. B., Hansen, P. *Choosing Personal Protective Equipment*. Colorado State University Extension.

(2012). *Basic Checklist for Worker Protection Standard Worker Training*.

(2012). *Complete Checklist for Worker Protection Standard Worker Training*.

(2011). *Avoiding 2,4-D Injury to Grapevines*. Brochure created for Colorado Wine Development Board, Fort Collins, Colorado.

(2011). *Homeowner's Guide: To Pesticide Use Around the Home and Garden*.

(2011). *What happened to that herbicide I applied?*. CWMA July/August E-newsletter Colorado Weed Management Association [www.cwma.org](http://www.cwma.org).

(2009). *Displacement of Russian Wheat Aphid, Diuraphis noxia (Kurdjumov), Biotype 1 in Colorado by Russian Wheat Aphids Biotypes Virulent to the Wheat Resistance Gene Dn4*. Agric Exp Stn TB09-01 Colorado State University, Fort Collins, Colorado 12pp.

### **AES Technical Bulletin**

Randolph, T. L., Peairs, F. B., Walker, C. B. (2011). *Occurrence of Russian Wheat Aphid (Homoptera: Aphididae) on Non-cultivated Grasses within Colorado Montane Environments*. Agric Exp Stn Technical Bulletin, TB11-01 Colorado State University, Fort Collins, Colorado 19pp.

### **CE Report/Bulletin/Factsheet**

Walker, C. B., Summers, A., Berry, G. E. (2014). *Integrated Hive Management for Colorado Beekeepers* (pp. 45). CSU.

Bauder, T. A., Walker, C. B., Arrieta, C. B. (2013). *Pesticide Record Book for Private Applicators - 2013 Edition* (XCM202 ed.). Ft. Collins, CO: Colo. State Univ. Extension.

### **Pesticide Applicator Study Guide**

Walker, C. B. (2014). *Agricultural Weed Control: Colorado Commercial Applicator Study Guide* (pp. 92). Broomfield, CO: CO Dept of Ag.

### **Pesticide Applicators Study Guided**

Walker, C. B. *PostHarvest Storage of Potatoes* (pp. 75). Colorado Dept of Ag.

## **PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS**

2011, "Successes & Challenges for Worker Protection Standard in Colorado".

## **OTHER ACTIVITIES/ACCOMPLISHMENTS – PUBLICATIONS/SCHOLARLY RECORD**

(1988 - May 6, 2014). Commercial Pesticide Applicator, Colorado Department of Agriculture Pesticide Program.

(2011). Operation S.A.F.E. Technician.

### **Guest Lectures:**

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u># of Guest Lectures</u>	<u>Delivery Mode</u>
2014	Spring	BSPM310 - Use of Pesticides May 9, 2014	1	Face to Face

## **EXTENSION/ENGAGEMENT ACTIVITIES/ACCOMPLISHMENTS**

### **Ag Weed Guide Review with Workgroup (Dec)**

Ag Weed Guide Revision Workgroup Meeting. Lakewood, CO. Total number of participants: 10. Percent Responsible: 100%. 2013.

### **Akron PA Recert Workshop - Afternoon (Feb)**

Akron Commercial Pesticide Applicator Recertification Workshop. Akron, CO. Total number of participants: 6. Percent Responsible: 34%. 2012.

### **Akron PA Recert Workshop - Morning (Feb)**

Akron Pesticide Applicator Workshop. Akron, CO. Total number of participants: 24. Percent Responsible: 100%. 2012.

### **Attend IR4 Food Use Workgroup (Sept)**

IR-4 Food Use Workgroup. Albuquerque, NM. Total number of participants: 200. Percent Responsible: 1%. 2013.

### **Bartlett Grain Recert Workshop (Dec)**

Bartlett Grain Pesticide Applicator Recertification Workshop. Walsh, CO. Total number of participants: 10. Percent Responsible: 100%. 2013.

### **Board Meeting Mar 10, 2014**

CO Certified Crop Advisors. Adult, Brighton, CO. Number of times program was made: 1. Total number of participants: 12. Percent Responsible: 10%. 1st Quarter 2014.

### **C&T Resource Jun 2014**

Certification & Training Resources for New Employees. Percent Responsible: 95%. 2nd Quarter 2014.

### **CAAA Conference (Nov)**

Colorado Agricultural Aviation Association Annual Meeting. Denver, CO. Total number of participants: 70. Percent Responsible: 100%. 2013.

### **CALCP Board Meeting**

CALCP Board Jun 11, 2014. Adult, Denver, CO. Number of times program was made: 1. Total number of participants: 14. Percent Responsible: 10%. 2nd Quarter 2014.

CALCP Board Nov 24, 2014. Adult, Denver, CO. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 10%. 3rd Quarter 2014.

### **CCA Board Meeting**

CO Certified Crop Advisors Oct 17, 2014. Adult, Brighton, CO. Number of times program was made: 1. Total number of participants: 8. Percent Responsible: 5%. 3rd Quarter 2014.

### **CCA Board Meetings**

CCA business. Adult, Brighton, Colorado. Number of times program was made: 2. Total number of participants: 22. Percent Responsible: 5%. Full Year 2015.

### **CDA PAC meeting**

Pesticide Advisory Committee Meeting Apr 28, 2014. Adult, Lakewood, CO. Number of times program was made: 1. Total number of participants: 26. Percent Responsible: 20%. 2nd Quarter 2014.

Pesticide Advisory Committee Meeting Jul 28, 2014. Adult, Lakewood, CO. Number of times program was made: 1. Total number of participants: 30. Percent Responsible: 20%. 3rd Quarter 2014.

### **CDA Pesticide Advisory Committee Meeting**

Updates on CSU/CDA agreement. Adult, Broomfield, Colorado. Number of times program was made: 3. Total number of participants: 60. Percent Responsible: 10%. Full Year 2015.

### **CO Ag Classic Recert Workshop (Dec)**

Colorado Ag Classic CEC workshop. Fort Collins, CO. Total number of participants: 21. Percent Responsible: 100%. 2013.

### **CTAG Board Meeting May 16, 2014**

CTAG Conference Call. Adult. Number of times program was made: 1. Total number of participants: 8. Percent Responsible: 10%. 2nd Quarter 2014.

### **CTAG Board Meeting Oct 28-29, 2014**

CTAG Meeting. Adult, San Diego, CA. Number of times program was made: 1. Total number of participants: 16. Percent Responsible: 10%. 4th Quarter 2014.

### **Conference calls on Pesticide Applicator Act Sunset Review**

Coloradoans for Responsible Pesticide Applications. Adult, Colorado. Number of times program was made: 6. Total number of participants: 45. Percent Responsible: 5%. 2nd Quarter 2015.

### **Email**

Pesticide Safety Education. Adult, Colorado. Number of times program was made: 31. Total number of participants: 31. Percent Responsible: 40%. 1st Quarter 2015.

Pesticide Safety Education. Adult, Colorado. Number of times program was made: 68. Total number of participants: 68. Percent Responsible: 40%. 2nd Quarter 2015.

Pesticide Safety Education. Adult, Colorado. Number of times program was made: 35. Total number of participants: 35. Percent Responsible: 35%. 3rd Quarter 2015.

Pesticide Safety Education. Adult, Colorado. Number of times program was made: 23. Total number of participants: 23. Percent Responsible: 45%. 4th Quarter 2015.

**Exam Item Workgroup Meeting (Aug)**

Ag Plant Disease. Rocky Ford, CO. Number of times program was made: 4. Total number of participants: 4. Percent Responsible: 100%. 2012.

**Extension 'ASK AN EXPERT' Mar 25, 2014**

Bindweed control under trees. Adult, NM. Number of times program was made: 1. Total number of participants: 1. Percent Responsible: 50%. 1st Quarter 2014.

**Fort Morgan PA Recert Workshop (Feb)**

Fort Morgan Pesticide Applicator Recertification. Fort Morgan, CO. Total number of participants: 28. Percent Responsible: 100%. 2012.

**Holyoke PA Recert Workshop (Feb)**

Holyoke Pesticide Applicator Workshop. Holyoke, CO. Total number of participants: 16. Percent Responsible: 100%. 2012.

**Individual Training for CDA (Jan)**

Understanding Worker Protection Standards. Fort Collins, CO. Total number of participants: 1. Percent Responsible: 100%. 2012.

**Intermountain West Pest Management**

Meeting for EPA, SLAs, University & Industry people. Adult, Fort Collins, Colorado. Number of times program was made: 1. Total number of participants: 35. Percent Responsible: 50%. 3rd Quarter 2015.

**Intermountain West Pest Management Meeting Oct 21, 2014**

Update on Regional Issues for R8. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 45. Percent Responsible: 50%. 4th Quarter 2014.

**Las Animas Recertificatio Workshop (Mar)**

Las Animas Pesticide Applicator Workshop. Las Animas, CO. Total number of participants: 45. Percent Responsible: 100%. 2012.

**MR.YUK Prevention (Jun)**

Distribution of Mr. YUK Poison Prevention Materials. Golden, CO. Number of times program was made: 1. Total number of participants: 24. Percent Responsible: 100%. 2nd Quarter 2014.

**Meeting**

Ag Updates. Adult, Broomfield, Colorado. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 0%. 3rd Quarter 2015.

**Meeting with Student (Sept)**

How to obtain Colorado pesticide applicator licesning. Fort Collins, CO. Total number of participants: 1. Percent Responsible: 100%. 2013.

**Mr YUK Stickers**

Sent Mr. YUK Stickers to Pueblo, CO. Adult, Pueblo, CO. Number of times program was made: 1. Total number of participants: 10. Percent Responsible: 100%. 2nd Quarter 2014.

**One-on-one contacts**

Pesticide Licensure, CEC opportunities. Adult, CO. Number of times program was made: 22. Total number of participants: 1. Percent Responsible: 100%. 4th Quarter 2014.

**Outreach Materials - Mr. YUK Stickers to WV**

2014 Jun Mr. YUK stickers. Beckley, WV. Number of times program was made: 1. Total number of participants: 100. Percent Responsible: 100%. 1st Quarter 2014.

### **Pesticide Applicator Certification & Training Conference**

Sprayer Cleanout Practices Sep 15, 2014. Adult, Harrisburg, PA. Number of times program was made: 1. Total number of participants: 115. Percent Responsible: 10%. 3rd Quarter 2014.

### **Phone Call**

Pesticide Safety Education. Adult, Fort Collins, Colorado. Number of times program was made: 122. Total number of participants: 122. Percent Responsible: 55%. 1st Quarter 2015.

Pesticide Safety Education. Adult, Fort Collins, Colorado. Number of times program was made: 146. Total number of participants: 146. Percent Responsible: 50%. 2nd Quarter 2015.

Pesticide Safety Education. Adult, Fort Collins, Colorado. Number of times program was made: 93. Total number of participants: 93. Percent Responsible: 50%. 3rd Quarter 2015.

Pesticide Safety Education. Adult, Fort Collins, Colorado. Number of times program was made: 70. Total number of participants: 70. Percent Responsible: 50%. 4th Quarter 2015.

### **Phone call/email with concerned citizen (Jun)**

Needed information on pesticide sensitive registry, how to communicate with farmer. Weld County, CO. Number of times program was made: 2. Total number of participants: 1. Percent Responsible: 100%. 2013.

### **Potato Harvest Workgroup Jul/Aug 2014**

Postharvest Potato Workgroup. Adult, Monte Vista, CO. Number of times program was made: 2. Total number of participants: 10. Percent Responsible: 100%. 3rd Quarter 2014.

### **Potato Storage Applicator Meeting (Aug)**

Potato Harvest Pesticide Applicator Review Workgroup. Center, CO. Total number of participants: 12. Percent Responsible: 50%. 2013.

### **Present 7 CECs at ProGreen Expo (Jan)**

ProGreen Expo Core Recertification Credits. Denver, CO. Total number of participants: 300. Percent Responsible: 100%. 2012.

### **Present at CWMA Spring Training (Apr)**

Colorado Weed Management Association Spring Training. Fort Collins, CO. Total number of participants: 84. Percent Responsible: 100%. 2012.

### **Present at Douglas County Weed Symposium (Mar)**

Douglas County Weed Symposium. Castle Rock, CO. Total number of participants: 23. Percent Responsible: 100%. 2012.

### **Presentation**

Pesticide Exposure & Health Concerns. Adult, Northglenn, Colorado. Number of times program was made: 1. Total number of participants: 325. Percent Responsible: 100%. 1st Quarter 2016.

Commercial Applicator Recertification - Core subjects. Adult, Denver, CO. Number of times program was made: 3. Total number of participants: 359. Percent Responsible: 100%. 1st Quarter 2015.

Guide to choosing nozzles. Adult, Denver, Colorado. Number of times program was made: 1. Total number of participants: 130. Percent Responsible: 100%. 1st Quarter 2015.

Guide to choosing nozzles. Adult, Castle Rock, Colorado. Number of times program was made: 1. Total number of participants: 80. Percent Responsible: 100%. 1st Quarter 2015.

Impact of Temperature Inversions on Pesticide Applications. Adult, Montrose, Colorado. Number of times program was made: 1. Total number of participants: 200. Percent Responsible: 100%. 1st Quarter 2015.

Impact of Temperature Inversions on Pesticide Applications. Adult, Casper, WY. Number of times program was made: 1. Total number of participants: 75. Percent Responsible: 100%. 1st Quarter 2015.

Laundering Pesticide Contaminated Clothing. Adult, Castle Rock, Colorado. Number of times program was made: 1. Total number of participants: 80. Percent Responsible: 100%. 1st Quarter 2015.

Laundering Pesticide Contaminated Clothing. Adult, Northglenn, Colorado. Number of times program was made: 1. Total number of participants: 325. Percent Responsible: 100%. 1st Quarter 2015.

Laundering Pesticide Contaminated Clothing. Adult, Denver, Colorado. Number of times program was made: 1. Total number of participants: 149. Percent Responsible: 100%. 1st Quarter 2015.

Update on Label Language for Pollinator Protection. Adult, Denver, Colorado. Number of times program was made: 1. Total number of participants: 80. Percent Responsible: 100%. 1st Quarter 2015.

Worker Protection Standard Proposed Rule Changes. Adult, Denver, Colorado. Number of times program was made: 1. Total number of participants: 115. Percent Responsible: 100%. 1st Quarter 2015.

Beyond rates and timing...Protecting yourself. Adult, Gunnison, Colorado. Number of times program was made: 1. Total number of participants: 22. Percent Responsible: 100%. 2nd Quarter 2015.

Guide to choosing nozzles. Adult, Loveland, Colorado. Number of times program was made: 1. Total number of participants: 125. Percent Responsible: 100%. 2nd Quarter 2015.

Integrated Hive Management for Beekeepers. Adult, Bayfield, Colorado. Number of times program was made: 1. Total number of participants: 22. Percent Responsible: 100%. 2nd Quarter 2015.

Laundering Pesticide Contaminated Clothing. Adult, Loveland, Colorado. Number of times program was made: 1. Total number of participants: 125. Percent Responsible: 100%. 2nd Quarter 2015.

Protecting Pollinators using IPM and DriftWatch. Adult, Monument, Colorado. Number of times program was made: 1. Total number of participants: 34. Percent Responsible: 100%. 2nd Quarter 2015.

The importance of understanding a pesticide label. Adult, Loveland, Colorado. Number of times program was made: 1. Total number of participants: 45. Percent Responsible: 100%. 2nd Quarter 2015.

Understanding IPM and Integrated Hive Management. Adult, Longmont, Colorado. Number of times program was made: 1. Total number of participants: 54. Percent Responsible: 100%. 2nd Quarter 2015.

Colorado Pollinator Protection Plan. Adult, Sterling, Colorado. Number of times program was made: 1. Total number of participants: 25. Percent Responsible: 100%. 3rd Quarter 2015.

How to Comply with Worker Protection Standard. Adult, Broomfield, Colorado. Number of times program was made: 7. Total number of participants: 289. Percent Responsible: 50%. 3rd Quarter 2015.

How to Protect Yourself from Contact with Pesticide Residues while on an Agricultural Establishment. Adult, Denver, Colorado. Number of times program was made: 1. Total number of participants: 70. Percent Responsible: 100%. 3rd Quarter 2015.

Lafayette Town Council Meeting. Adult, Lafayette, Colorado. Number of times program was made: 1. Total number of participants: 35. Percent Responsible: 50%. 3rd Quarter 2015.

Worker Protection Standard Proposed Rule Changes. Adult, Fort Collins, Colorado. Number of times program was made: 1. Total number of participants: 3. Percent Responsible: 50%. 3rd Quarter 2015.

Choosing Nozzles. Adult, Holly, Colorado. Number of times program was made: 1. Total number of participants: 35. Percent Responsible: 100%. 4th Quarter 2015.

Mode of Action of Herbicides. Adult, Canon City, Colorado. Number of times program was made: 2. Total number of participants: 80. Percent Responsible: 100%. 4th Quarter 2015.

Pollinators and Pesticides. Adult, Denver, Colorado. Number of times program was made: 1. Total number of participants: 65. Percent Responsible: 100%. 4th Quarter 2015.

Prote. Adult, Canon City, Colorado. Number of times program was made: 2. Total number of participants: 80. Percent Responsible: 100%. 4th Quarter 2015.

CALCP Spring Training. Adult, Northglenn, CO. Number of times program was made: 2. Total number of participants: 325. Percent Responsible: 95%. 1st Quarter 2014.

How Temperature Inversions Impact Pesticide Applications Jan 16 2014. Adult, Denver, CO. Number of times program was made: 1. Total number of participants: 115. Percent Responsible: 100%. 1st Quarter 2014.

Pesticide Applicator "Real-World" Sprayer Cleanout. Adult, San Diego, CA. Number of times program was made: 1. Total number of participants: 40. Percent Responsible: 90%. 1st Quarter 2014.

Plant Disease Category Recertification Mar 3, 2014. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 1. Percent Responsible: 100%. 1st Quarter 2014.

ProGreen Expo. Adult, Denver, CO. Number of times program was made: 3. Total number of participants: 225. Percent Responsible: 100%. 1st Quarter 2014.

WPS and How to Comply Jan 23 2014. Adult, Casper, Wyoming. Number of times program was made: 1. Total number of participants: 225. Percent Responsible: 100%. 1st Quarter 2014.

CWMA Spring Training Apr 1-2, 2014. Adult, Fort Collins, CO. Number of times program was made: 3. Total number of participants: 215. Percent Responsible: 95%. 2nd Quarter 2014.

WPS - Improving worker safety Sep 11, 2014. Adult, Golden, CO. Number of times program was made: 2. Total number of participants: 22. Percent Responsible: 50%. 2nd Quarter 2014.

Organic Production of Wheat. Adult, Denver, CO. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 80%. 3rd Quarter 2014.

#### **Presentation at NIOSH PPE Meeting (Mar)**

NIOSH PPE Stakeholders Meeting. Washington, DC. Total number of participants: 101. Percent Responsible: 100%. 2012.

#### **Presentation at RM-ISA Conference (Nov)**

Rocky Mt ISA Annual Meeting. Parker, CO. Total number of participants: 300. Percent Responsible: 100%. 2013.

#### **Presentation for CWCOA (Feb)**

Colorado Wildlife Control Operators. Denver, CO. Total number of participants: 64. Percent Responsible: 100%. 2012.

#### **Presentation to BSPM Advisory Board (Apr)**

BSPM Advisory Board. Fort Collins, CO. Total number of participants: 20. Percent Responsible: 100%. 2012.

#### **Presentations at CALCP Spring Training (Mar)**

Colorado Association of Lawn Care Professionals Spring Training. Denver, CO. Total number of participants: 325. Percent Responsible: 100%. 2012.

#### **Presentations for BLM (Mar)**

Bureau of Land Management Pesticide Applicator Training. Boise, ID. Total number of participants: 58. Percent Responsible: 100%. 2012.

#### **Pueblo County Recert Workshop (Mar)**

Pueblo County Pesticide Applicator Workshop. Pueblo, CO. Total number of participants: 20. Percent Responsible: 100%. 2012.

#### **Pueblo Recertification Workshop (Mar)**

Pueblo Commercial Applicators Workshop. Pueblo, CO. Total number of participants: 8. Percent



Responsible: 50%. 2012.

**R & D Recert Workshop (Apr)**

Research & Demonstration CEC Webinar. Fort Collins, CO. Total number of participants: 2. Percent Responsible: 100%. 2012.

**RMAA Winter Meeting Presentations (Jan)**

Rocky Mountain Agribusiness Association Annual Meeting. Denver, CO. Total number of participants: 125. Percent Responsible: 100%. 2012.

**RMRTA Precertification Workshop (Dec)**

Rocky Mt Regional Turgrass Association. Denver, CO. Total number of participants: 31. Percent Responsible: 100%. 2013.

**Recorded DVD to send for Pesticide Applicator Recert (Nov)**

Outdoor Vertebrate Control. Fort Collins, CO. Total number of participants: 1. Percent Responsible: 100%. 2013.

**Rocky Ford Recertification Workshop (Dec)**

Rocky Ford Pesticide Applicator Workshop. Rocky Ford, CO. Total number of participants: 21. Percent Responsible: 100%. 2013.

**S.A.F.E. School and Colorado S.A.F.E. Fly-in (Sept)**

S.A.F.E. Analyst School and Colorado Fly-In. Rocky Ford, CO. Total number of participants: 70. Percent Responsible: 10%. 2013.

**Springfield Recertification Workshop (Dec)**

Springfield Pesticide Applicator Workshop. Springfield, CO. Total number of participants: 31. Percent Responsible: 100%. 2013.

**Sterling PA Recert Workshop (Feb)**

Sterling Pesticide Applicator Workshop. Sterling, CO. Total number of participants: 27. Percent Responsible: 100%. 2012.

**Tri- River Area PMW (Feb)**

Tri-River Area Pest Management Workshop. Grand Junction, CO. Total number of participants: 275. Percent Responsible: 40%. 2012.

**WPS How to Comply Workshop (Feb)**

Worker Protection Standards - How to Comply. Longmont, CO. Total number of participants: 8. Percent Responsible: 100%. 2012.

**WPS Worker Training June 9, 2014**

ARDEC WPS Worker Training. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 20. Percent Responsible: 100%. 2nd Quarter 2014.

**WPS Worker Training May 20, 2014**

CSFS Nursery WPS Worker Training. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 18. Percent Responsible: 100%. 2nd Quarter 2014.

**WPS Worker Training Sep 23, 2014**

CSU Greenhouse WPS Worker Training. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 100%. 3rd Quarter 2014.

**Webinar**

Research & Demonstration Recertification. Adult, Online, Colorado. Number of times program was made: 1. Total number of participants: 19. Percent Responsible: 100%. 2nd Quarter 2015.

**Webinar WPS Proposed Rule Changes Jun 2, 2014**

WPS Proposed Rule Changes. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 5. Percent Responsible: 50%. 2nd Quarter 2014.

#### **Webinar for Online Recertification (Oct)**

Online Recertification for Commercial Applicator. Fort Collins, CO. Total number of participants: 1. Percent Responsible: 100%. 2013.

#### **Webinar provided for Recertification Credit (Jun)**

Temperature Inversions - How they impact Pesticide Applications. Fort Collins, CO. Number of times program was made: 1. Total number of participants: 1. Percent Responsible: 100%. 2012.

#### **Website Visit**

CSU Colorado Environmental Pesticide Education Program. Adult, Fort Collins, Colorado. Number of times program was made: 16914. Percent Responsible: 100%. Full Year 2015.

Colorado Environmental Pesticide Education Program (CEPEP). Adult. Number of times program was made: 5492. Total number of participants: 1. Percent Responsible: 100%. Full Year 2014.

#### **Worker Protection Standard Training (WPS) [May-Jun]**

ARDEC WPS Training. Fort Collins, CO. Number of times program was made: 4. Total number of participants: 78. Percent Responsible: 100%. 2012.

#### **Workshop**

Private Pesticide Applicator Recertification - 4 hours. Adult, Springfield, Colorado. Number of times program was made: 1. Total number of participants: 22. Percent Responsible: 75%. 1st Quarter 2016.

Technician Training. Adult, Loveland, Colorado. Number of times program was made: 1. Total number of participants: 6. Percent Responsible: 85%. 2nd Quarter 2015.

Pesticide Applicator Certification & Training meeting. Adult, Philadelphia, Pennsylvania. Number of times program was made: 3. Total number of participants: 75. Percent Responsible: 10%. 3rd Quarter 2015.

S.A.F.E. fly-in. Adult, LaJunta, Colorado. Number of times program was made: 4. Total number of participants: 45. Percent Responsible: 20%. 3rd Quarter 2015.

Pesticide Applicator Precertification. Adult, Denver, Colorado. Number of times program was made: 1. Total number of participants: 47. Percent Responsible: 100%. 4th Quarter 2015.

Private Applicator Recertification Workshop. Adult, Greeley, Colorado. Number of times program was made: 1. Total number of participants: 22. Percent Responsible: 100%. 4th Quarter 2015.

Private Applicator Recertification Workshop. Adult, Lamar, Colorado. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 90%. 4th Quarter 2015.

Private Applicator Recertification Workshop. Adult, Fort Morgan, Colorado. Number of times program was made: 1. Total number of participants: 30. Percent Responsible: 100%. 4th Quarter 2015.

Adams County Recertification Workshop. Adult, Brighton, CO. Number of times program was made: 1. Total number of participants: 22. Percent Responsible: 90%. 1st Quarter 2014.

Centennial Ag Private Applicator Recertification Workshop Jan 29, 2014. Adult, Greeley, CO. Number of times program was made: 1. Total number of participants: 48. Percent Responsible: 95%. 1st Quarter 2014.

Private Applicator Pesticide Recertification Feb 24, 2014. Adult, Fort Morgan, CO. Number of times program was made: 1. Total number of participants: 12. Percent Responsible: 95%. 1st Quarter 2014.

Private Applicator Pesticide Recertification Feb 24, 2014. Adult, Sterling, CO. Number of times program was made: 1. Total number of participants: 31. Percent Responsible: 95%. 1st Quarter 2014.

Private Applicator Recertification credits. Adult, Eads, CO. Number of times program was made: 1. Total

number of participants: 28. Percent Responsible: 95%. 1st Quarter 2014.

Private Applicator Recertification Jan 8 2014. Adult, Greeley, CO. Number of times program was made: 1. Total number of participants: 35. Percent Responsible: 95%. 1st Quarter 2014.

Private Applicator Recertification Mar 11, 2014. Adult, Greeley, CO. Number of times program was made: 1. Total number of participants: 17. Percent Responsible: 95%. 1st Quarter 2014.

Private Applicator Recertification Workshop Feb 25, 2014. Adult, Julesburg, CO. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 95%. 1st Quarter 2014.

Private Applicator Recertification Workshop Feb 26, 2014. Adult, Yuma, CO. Number of times program was made: 1. Total number of participants: 16. Percent Responsible: 95%. 1st Quarter 2014.

Private Applicator Recertification Workshop Feb 27, 2014. Adult, Burlington, CO. Number of times program was made: 1. Total number of participants: 14. Percent Responsible: 95%. 1st Quarter 2014.

Proposed Rule Changes for WPS Mar 27, 2014. Adult, Pueblo, CO. Number of times program was made: 1. Total number of participants: 5. Percent Responsible: 100%. 1st Quarter 2014.

Proposed Rule Changes for WPS Mar 27, 2014. Adult, Monte Vista, CO. Number of times program was made: 1. Total number of participants: 10. Percent Responsible: 100%. 1st Quarter 2014.

Safe Use of Pesticides for Burrowing Rodent Control. Adult, Denver, CO. Number of times program was made: 1. Total number of participants: 28. Percent Responsible: 90%. 1st Quarter 2014.

School IPM Coalition meeting Jan 27, 2014. Adult, Denver, CO. Number of times program was made: 1. Total number of participants: 28. Percent Responsible: 0%. 1st Quarter 2014.

SE Colorado Recertification Workshop Mar 12, 2014. Adult, Lamar, CO. Number of times program was made: 1. Total number of participants: 28. Percent Responsible: 95%. 1st Quarter 2014.

Tri-River Area Pest Management Feb 18-19,2014. Adult, Grand Junction, CO. Number of times program was made: 2. Total number of participants: 200. Percent Responsible: 50%. 1st Quarter 2014.

WPS Proposed Rule Changes Mar 19. Adult, Lakewood, CO. Number of times program was made: 1. Total number of participants: 16. Percent Responsible: 50%. 1st Quarter 2014.

ARDEC WPS training Apr 15, 2014. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 18. Percent Responsible: 100%. 2nd Quarter 2014.

ARDEC WPS training May 27, 2014. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 8. Percent Responsible: 100%. 2nd Quarter 2014.

School IPM Coalition Meeting Jun 30, 2014. Adult, Aurora, CO. Number of times program was made: 1. Total number of participants: 35. Percent Responsible: 0%. 2nd Quarter 2014.

WPS Proposed Rule Changes Apr 22, 2014. Adult, Brighton, CO. Number of times program was made: 1. Total number of participants: 8. Percent Responsible: 95%. 2nd Quarter 2014.

WPS Proposed Rule Changes Apr 8, 2014. Adult, Rocky Ford, CO. Number of times program was made: 1. Total number of participants: 12. Percent Responsible: 100%. 2nd Quarter 2014.

Commercial Pesticide Applicator Recertification. Adult, Fort Collins, CO. Number of times program was made: 1. Total number of participants: 8. Percent Responsible: 100%. 4th Quarter 2014.

Private Applicator Recertification Dec 11, 2014. Adult, Cheyenne Wells, CO. Number of times program was made: 1. Total number of participants: 26. Percent Responsible: 100%. 4th Quarter 2014.

Private Applicator Recertification Dec 12, 2014. Adult, Las Animas, CO. Number of times program was made: 1. Total number of participants: 20. Percent Responsible: 100%. 4th Quarter 2014.

Private Applicator Recertification Dec 10, 2014. Adult, Loveland, CO. Number of times program was made: 1. Total number of participants: 12. Percent Responsible: 100%. 4th Quarter 2014.

Rocky Mt ISA. Adult, Parker, CO. Number of times program was made: 2. Total number of participants: 175. Percent Responsible: 95%. 4th Quarter 2014.

Technician Training Nov 18, 2014. Adult, Loveland, CO. Number of times program was made: 1. Total number of participants: 12. Percent Responsible: 100%. 4th Quarter 2014.

#### **Workshop for Pesticide Applicators (Jan)**

Colorado Farm Show. Greeley, CO. Total number of participants: 55. Percent Responsible: 100%. 2012.

#### **eXtension - Ask an Expert**

Pesticide Safety. Adult. Number of times program was made: 2. Total number of participants: 2. Percent Responsible: 100%. Full Year 2015.

### **COMMITTEES**

Coloradoans for Responsible Pesticide Applicatons, (May 19, 2014 - Present).

Certification & Training Assessment Group, (November 2012 - Present).

National Stakeholder Team for PSEP Funding, (October 2012 - Present).

FFA State Contest, (May 1, 2014 - May 6, 2014).

FFA State Contest, (May 1, 2013 - May 6, 2013).

PSEP Funding Task Force Committee, (January 2012 - December 2012).

State FFA contest, (May 2015).

(2012).

PSEP Funding, (2012).

### **PROFESSIONAL AFFILIATIONS AND ACTIVITIES**

The Pesticide Stewardship Alliance. (June 2013 - Present).

Certified Crop Advisor - Colorado Chapter. (February 2012 - Present).

National Agricultural Aviation Association. (2012 - Present).

Colorado School IPM Task Force. (January 2011 - Present).

Colorado Association of Lawn Care Professionals (CALCP). (June 2010 - Present).

Colorado Department of Ag-Pesticide Advisory Committee. (June 2010 - Present).

American Association of Pesticide Safety Educators. (June 2010 - 2018).

National Agricultural Aviation Association. (January 2011 - January 2017).

Certification and Training Assessment Group. (June 2013 - June 2016).

Rocky Mountain AgriBusiness Association. (March 2011 - October 2012).

Boulder Daily Camera. (March 14, 2015).

Proposed Rule Changes for Worker Protection Standard. (June 2, 2014).

American Association of Pesticide Safety Educators, Grand Rapids, MI. (2012 - Present).

Member, American Association of Pesticide Safety Educators. (2012 - Present).

Asmark Institute, Eaton, CO. (2012 - Present).

CareerTrack Seminar, Fort Collins, CO. (2012 - Present).

Committee Chair, Certified Crop Advisor - Colorado Chapter. (2012 - Present).

Colorado Department of Agriculture Pesticide Programs, Lakewood, CO. (2012 - Present).

Colorado Dept of Ag Pesticide Program, Lakewood, CO. (2012 - Present).

Colorado Weed Management Association, Longmont, CO. (2012 - Present).

CSU & CDA Cooperating, Fort Collins, CO. (2012 - Present).

CSU Institutional Review Board, Fort Collins, CO. (2012 - Present).

EPA Headquarters, Davis, CA. (2012 - Present).

EPA Headquarters, Fort Collins, CO. (2012 - Present).

Green Industries of Colorado (GreenCo). (2012 - Present).

Member, National Agricultural Aviation Association. (2012 - Present).

NIOSH, Fort Collins, CO. (2012 - Present).

Western Region PSEP, Cody, WY. (2012 - Present).

Boulder Beekeepers Association, Longmont, CO. (2011 - Present).

Colorado Ag Aviation Association, LaJunta, CO. (2011 - Present).

Colorado Beekeepers Association, Castle Rock, CO. (2011 - Present).

Member, Colorado Department of Ag-Pesticide Advisory Committee. (2011 - Present).

Colorado Dept of Ag Pesticide Program, Lakewood, CO. (2011 - Present).

Member, Colorado School IPM Task Force. (2011 - Present).

CSU & CDA Cooperating, Fort Collins, CO. (2011 - Present).

Environmental Protection Agency, Brighton, CO. (2011 - Present).

NASDARF, Indianapolis, IN. (2011 - Present).

NASDARF, Harrisburg, PA. (2011 - Present).

Member, National Agricultural Aviation Association. (2011 - Present).

PSEP, Portland, OR. (2011 - Present).

Western Region PSEP, Sacramento, CA. (2011 - Present).

Xeres Society, Fort Morgan, CO. (2011 - Present).

Mailed WPS Worker training video, Handler training video, Worker Training Checklists, Recordkeeping forms to Deanna Calhoon in Palisade, CO (3/13/2013). (2013).

Troy Bauder and I met with Rick Floyd of Greenbelt Meadows HOA (City of Boulder) to discuss how to educate the HOA members on IPM and the use of pesticides to control weed problems in common areas. (3/13/2013). (2013).

One-on-One training with person who attempted the Pesticide Applicator License exam three times and failed. He finally passed after our sessions! (2012).

Phone conversation with Mary Lou Powell (303)972-0458 concerning damage to landscape plants possibly due to Safari insecticide application. Referred to Mary Small/Jefferson County & JC Diagnostic Clinic. (2012).

Visited with Sarah Solano on how to obtain a business license and pesticide applicator license for mosquito mitigation business. (2012).

Rocky Mountain AgriBusiness Association. (2011 - 2012).

**OTHER ACTIVITIES/ACCOMPLISHMENTS – SERVICE/OUTREACH**

Board of Directors of a Company, Certification and Training Assessment Group. (2013 - Present).

Board of Directors of a Company, Certified Crop Advisor - Colorado Chapter. (2012 - Present).

Board of Directors of a Company, Colorado Association of Lawn Care Professionals (CALCP). (2011 - Present).

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