



# TRAINING DATA REPORT 2016

ASSOCIATION OF FARMWORKER OPPORTUNITY PROGRAMS  
HEALTH & SAFETY PROGRAMS



*Empowering the Farmworker Community through Health and Safety Education,  
Resources and Advocacy*



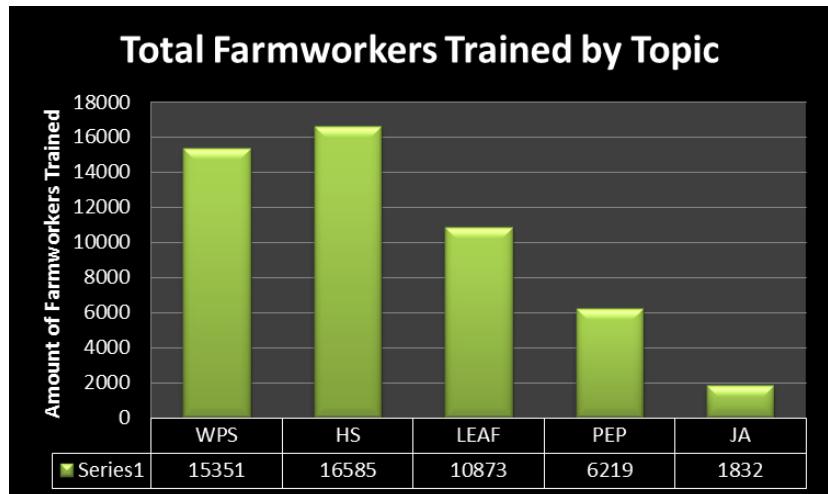
## Overall Training Data: Roster Information

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The following information is the data gathered from our training rosters from January 2016 to mid-September 2016.

- 44,641 Overall Farmworkers Trained
- 28,946 hours Overall Training Contact
- 838 Overall # of Employers Trained
- 28,437 hours Overall Training Contact with Workers
- 510 hours Overall Training Contact with Employers
- 13,847 Overall # of Women Trained
- 30,794 Overall # of Men Trained
- 1,629 Overall # of Workers under 16

### Training Topic:



WPS = Worker Protection Standard

HS = Heat Stress Prevention

LEAF = Limiting Exposure Around Families

PEP = Pesticide Exposure & Pregnancy

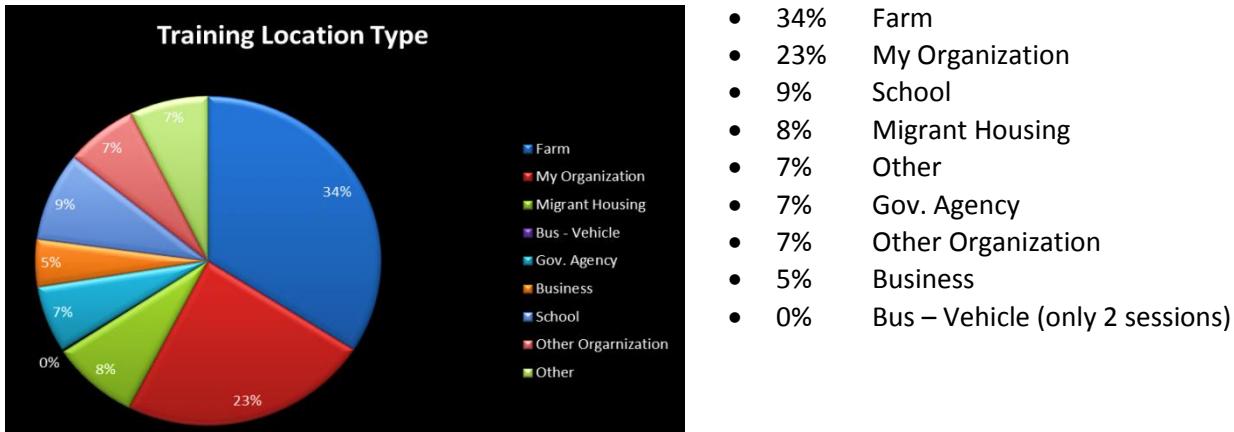
JA = Jose Aprende Sobre los Pesticidas  
(Jose Learns About Pesticides)

### Training Language:



- 28% English
- 51% Spanish
- 19% English & Spanish
- 0% Haitian-Creole (5 training sessions)
- 0% English/ Haitian-Creole (5 sessions)
- 0% Spanish/ Haitian-Creole (4 sessions)

### Training Location Type:



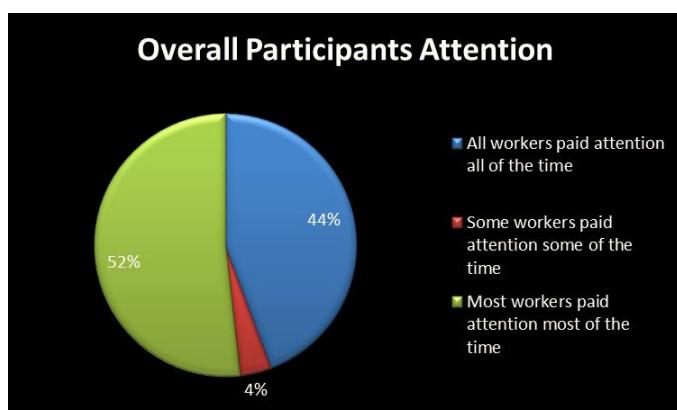
- 34% Farm
- 23% My Organization
- 9% School
- 8% Migrant Housing
- 7% Other
- 7% Gov. Agency
- 7% Other Organization
- 5% Business
- 0% Bus – Vehicle (only 2 sessions)

### Type of Worker Trained



- 86% Crop Worker
- 8% Nursery Worker
- 3% Others
- 2% Livestock Workers
- 1% Tree Production
- 1% Landscaper

### Overall Participants Attention to Training



- 52% Most workers paid attention most of the time
- 44% All workers paid attention all of the time
- 4% Some workers paid attention some of the time

## **Evaluation Level 1: Employer Satisfaction\***

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*\*Employers may include: grower, crew leader or supervisors*

The Employer Satisfaction Survey was conducted with 62 employers in 29 states. The results are the following:

- 98% of growers thought the WPS and Heat Stress training was useful to their employees
- 89% of growers thought the WPS and Heat Stress training was interactive
- 87% of growers thought the WPS and Heat Stress training was well explained
- 44% of growers thought the WPS and Heat Stress training was too long
- 100% of growers said they would be interested in other topics to be delivered in this style of training
- What topics: (Employers selected multiple options)
  - 56% - First Aid/CPR
  - 33% - Personal Hygiene
  - 33% - Workplace Safety
  - 1% - Other (not specified)

## **Evaluation Level 1: Employee Satisfaction**

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The Employee Satisfaction Survey was conducted with 838 farmworkers in 29 states after receiving a WPS training. The results are the following:

- 95% of workers thought the WPS training was useful
- 91% of workers will share the information they learned with friends and family
- What did workers like the **most** of the training?
  - 42% Everything
  - 35% Information
  - 16% Flipchart
  - 7% Trainer
- What did workers like the **least** of the training?
  - 75% Nothing
  - 16% Too Long
  - 5% Trainer
  - 3% Location
- The Training was..
  - 17% Fun
  - 1% Boring
  - 2% Long
  - 33% Interesting
  - 47% Informative

## Evaluation Level 2: Knowledge Transfer

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The Knowledge Transfer Survey was conducted with 1,090 farmworkers after receiving a WPS training.

### Demographic information of workers surveyed:

- 67%: Males surveyed
- 33%: Females surveyed
- 38: Average age of workers surveyed
- 9: Average years working as farmworkers
- 47% of the workers surveyed have smart phones
- Education Level:
  - 9% have no education
  - 30% have elementary education
  - 41% have high school education
  - 8% have a GED
  - 7% have some college education
  - 4% have a college degree
  - 1% did not answer
- 55% of workers have received WPS training previously
  - Previous training was conducted by:
    - 40% by their boss
    - 22% by a crew leader
    - 12% by a government official
    - 26% did not answer
  - Previous training format:
    - 71% video
    - 18% flipchart
    - 6% power point
    - 5% other format (not specified)

### Pre/Post Test Results:

Overall, farmworkers improve their knowledge about pesticide safety by 17%.

QUESTION	PRE TEST CORRECT ANSWERS	POST TEST CORRECT ANSWERS	INCREASE KNOWLEDGE
1	86%	100%	13%
2	82%	99%	17%
3	84%	99%	15%
4	76%	99%	23%
5	84%	99%	15%
6	86%	99%	13%
7	65%	91%	26%
8	81%	98%	17%

### Increased Knowledge:

Please refer to the above table to learn previous knowledge on each topic. The question numbers on table match the number on each statement.

1. Workers increased their knowledge by 13% about where pesticides are found (on plants, the ground, and produce, in the air or on your clothes)
2. Workers increased their knowledge by 17% on health risks of pesticide exposure (include sweating, vomiting, dizziness, headache, muscle pain, and skin rashes)

3. Workers increased their knowledge by 15% on what to do if pesticides get on their skin and clothes
4. Workers increased their knowledge by 23% on what knowing they should bring the pesticide label with them in case of a health emergency due to pesticide exposure
5. Workers increased their knowledge by 15% on knowing how to avoid pesticide exposure by always wash your hands before eating, drinking, smoking or using the bathroom at work
6. Workers increased their knowledge by 13% on how to follow instructions and signs about not entering areas where pesticides are being used
7. Workers increased their knowledge by 26% on learning that their boss cannot punish them for leaving an area where pesticides are being sprayed
8. Workers increased their knowledge by 17% on learning that their boss must arrange the transportation to a doctor if in case of a health emergency while working

### Evaluation Level 3: Behavioral Change

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The Behavioral Change Survey was conducted with 207 farmworkers that have never received a WPS nor a Heat Stress Prevention training previously. These are the results:

	PRE	POST	IMPROVEMENT
Average amount of days working in the fields	5	5	---
Farmworkers wears hat every working day	77%	99%	22%
Farmworkers wears long pants every working day	80%	100%	20%
Farmworkers wears long-sleeve shirt every working day	83%	98%	14%
Farmworkers wears light colored clothing every working day	61%	95%	34%
Farmworkers wear closed shoes every working day	91%	100%	9%
Farmworkers bring a container of water with them to the field	82%	99%	16%
Farmworkers wash their hands before eating and going to the bathroom every working day	62%	99%	37%

Overall improvement: 22%

	PRE	POST	IMPROVEMENT
How much do you believe pesticides hurt the health of farmworkers			
Not at all	6%	1%	
Not enough to cause concern	23%	1%	
Enough to cause some concern	30%	33%	
Enough to worry a great deal	40%	64%	24%

How much do you believe working in the heat hurts the health of farmworkers	11%	1%	IMPROVEMENT
Not at all	17%	2%	
Not enough to cause concern	36%	36%	
Enough to cause some concern	35%	60%	26%