

## DEPOSITION TESTING FOR DRIFT MANAGEMENT



### Objectives

Minimize off-target movement of pest control materials applied by plane or helicopter by ensuring they are properly calibrated.

Measure horizontal drift, spray deposition on the orchard floor and berms.

### In Orchard Percent Coverage

Aircraft	Berm % coverage	Floor % coverage
OH 58 2007	5	7
Huey 2011	2.4	11



Floor



Berm

### Horizontal Drift % coverage

Aircraft	50 ft	100 ft	150 ft	200 ft	250 ft	300 ft
OH 58 2007	.37	.1	0	0	0	0
Huey 2011	4.85	.3	.01	0	0	0



Horizontal

### Benefits:

Knowledge of canopy interception of spray

Runoff potential

Minimization of off target movement

Optimum distribution of almond crop production products