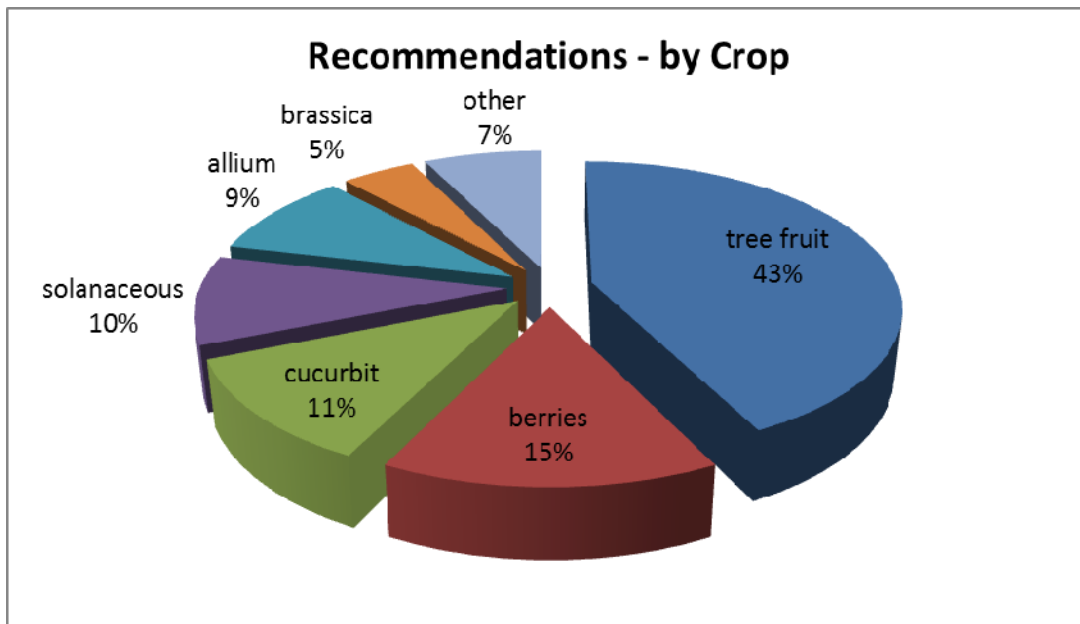


At the beginning of the 2015 growing season, members of our team worked with 8 farms to identify pests and problems and set Integrated Pest Management (IPM) goals. Growers identified a total of **99 pests or problems they wanted to address using IPM, each associated with a specific crop**. Throughout the growing season, we visited participating farms on a bi-monthly basis and worked with growers to implement various IPM practices. A total of **313 specific management practices were recommended** to address these 99 pests and problems. During the fall and winter, we interviewed growers to evaluate the extent to which recommended practices were adopted and how successful they were in helping farmers achieve their goals.

- **83% of the practices were adopted by growers as recommended; an additional 10% were adopted with some modification**
- **For those practices that were adopted, 96% were rated by growers as either “moderately” or “largely” successful (79% - largely successful, 17% moderately successful)**



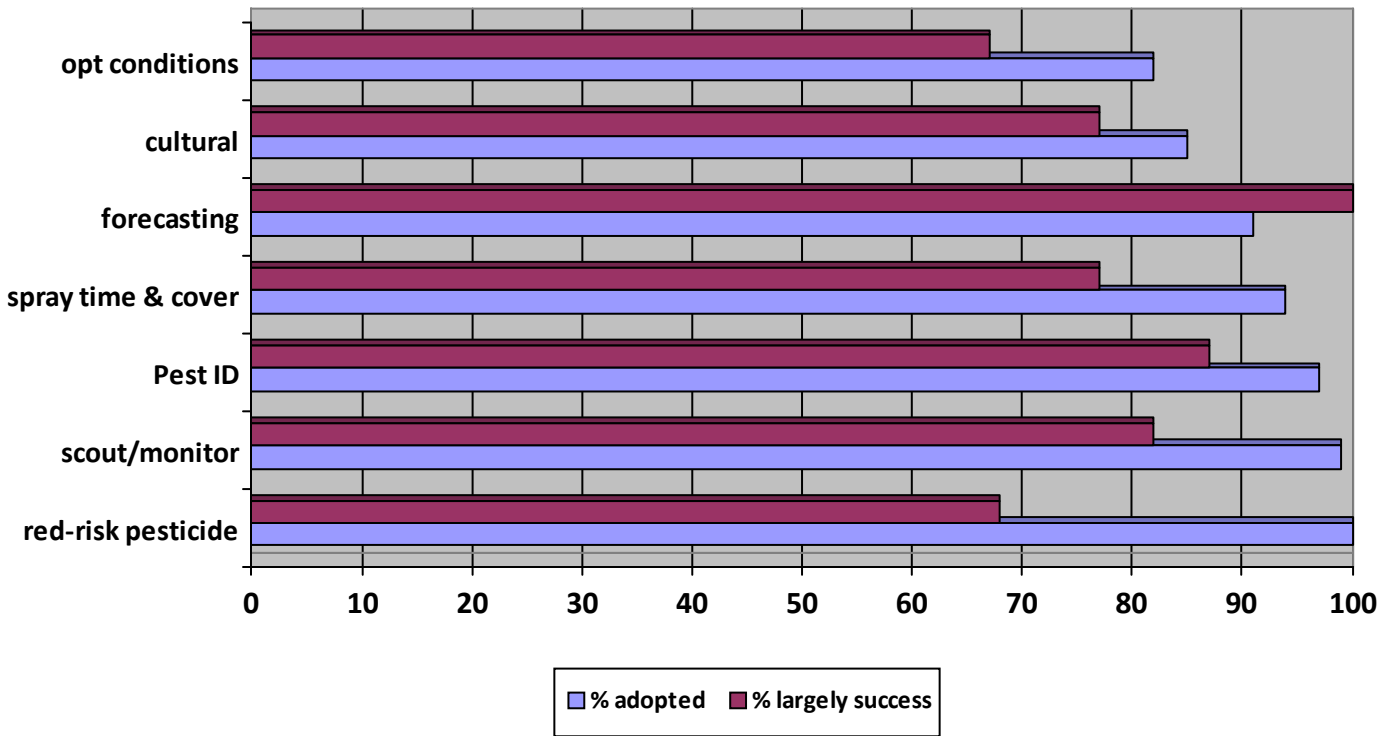
Recommendations by General IPM Strategy & Type of Problem

IPM Strategy	%
Pest scouting and monitoring	23%
Optimizing spray timing and Coverage	20%
Cultural practices	16%
Pest identification	13%
Using reduced risk pesticide tactics	10%
Maintaining optimum conditions for crop health	8%
Using a forecasting model	7%
Consumer education	2%
Using bio-controls	1%

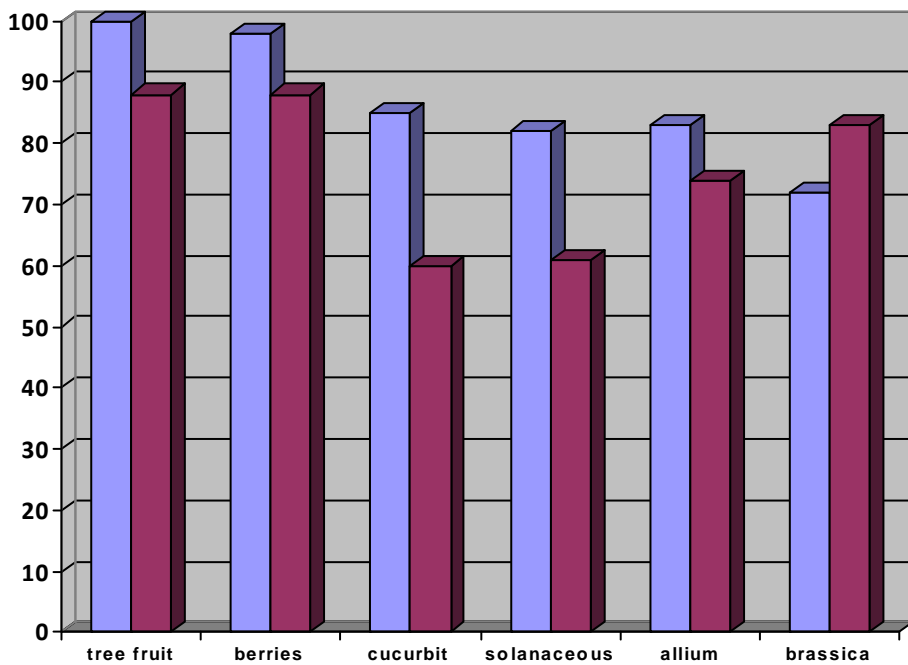
Problem Type	%
Insects	46%
Diseases	38%
Cultural	8%
Weeds	4%
Other	4%

Percent of Management Practices Adopted (as recommended or with modification) and Percent Rated as “largely successful”

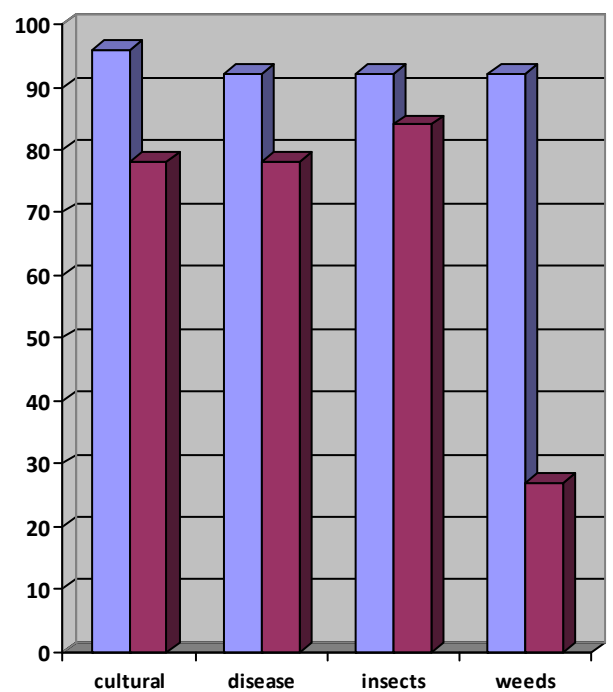
By IPM Strategy



By Crop



By Problem



As a result of working with our team and implementing recommend IPM management practices, growers reported on whether 3 specific goals were attained for the 99 separate crop-problem combinations. Growers responded according to a 4-point scale (1 = not at all, 2 = minimally, 3 = moderately, 4 = largely).

- 74% resulted in changes in pesticide use consistent with IPM practices
- 86% resulted in reductions in crop loss
- 81% resulted in improvements in crop quality

Proportions above are the extent to which each goal was attained either “moderately” or “largely”

Finally, we asked each participating growers 2 questions about each General IPM Strategy. Growers responded according to a 4-point scale (1 = not at all, 2 = minimally, 3 = moderately, 4 = largely).

To what degree did you increase knowledge about this IPM goal?	% increase (moderately or largely)
Pest scouting and monitoring	100%
Optimizing spray timing and Coverage	100%
Cultural practices	88%
Pest identification	100%
Using reduced risk pesticide tactics	100%
Maintaining optimum conditions for crop health	100%
Using a forecasting model	71%

To what degree did you increase confidence in implementing this IPM goal in the future?	% increase (moderately or largely)
Pest scouting and monitoring	100%
Optimizing spray timing and Coverage	100%
Cultural practices	88%
Pest identification	100%
Using reduced risk pesticide tactics	75%
Maintaining optimum conditions for crop health	100%
Using a forecasting model	71%