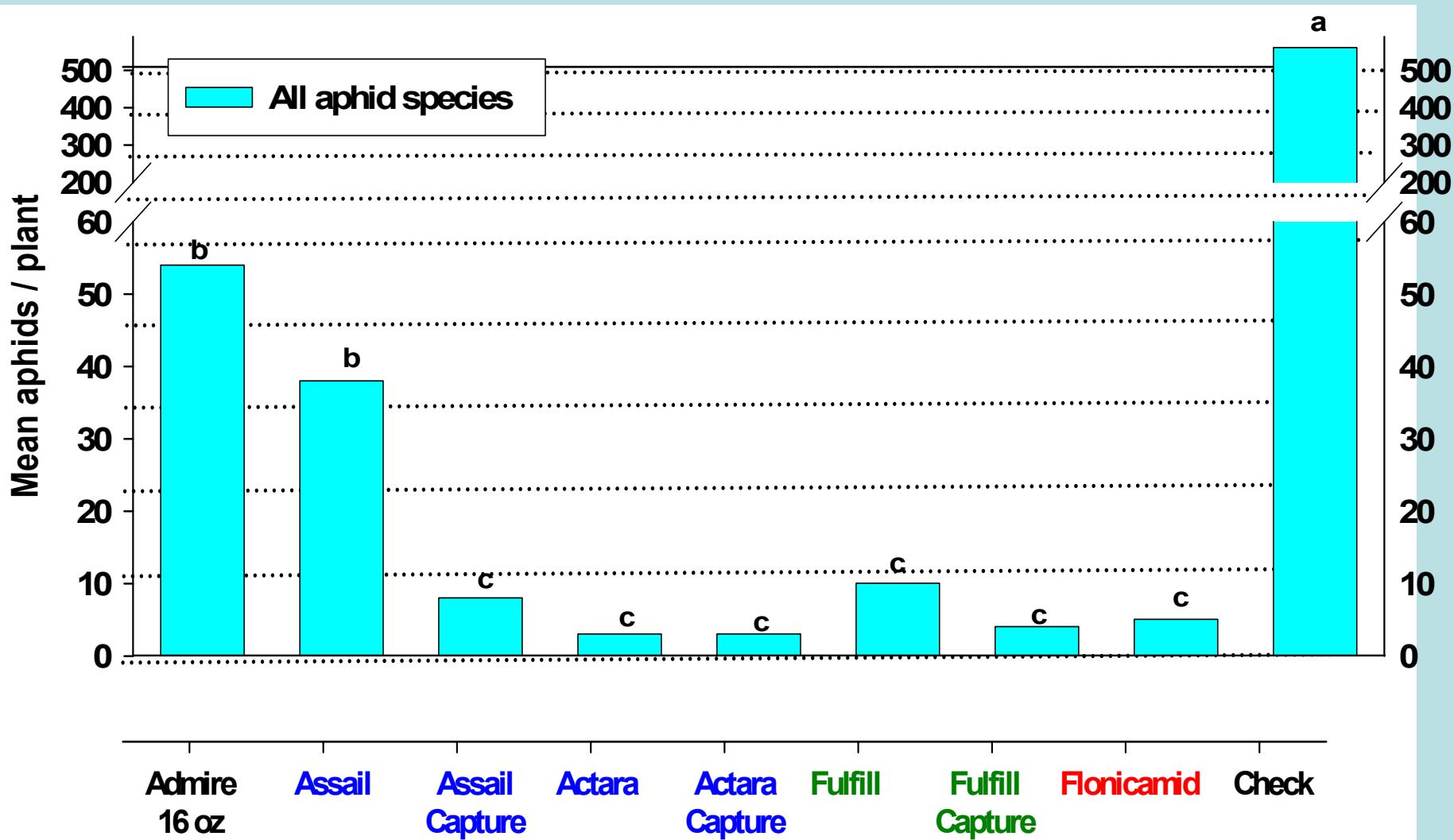




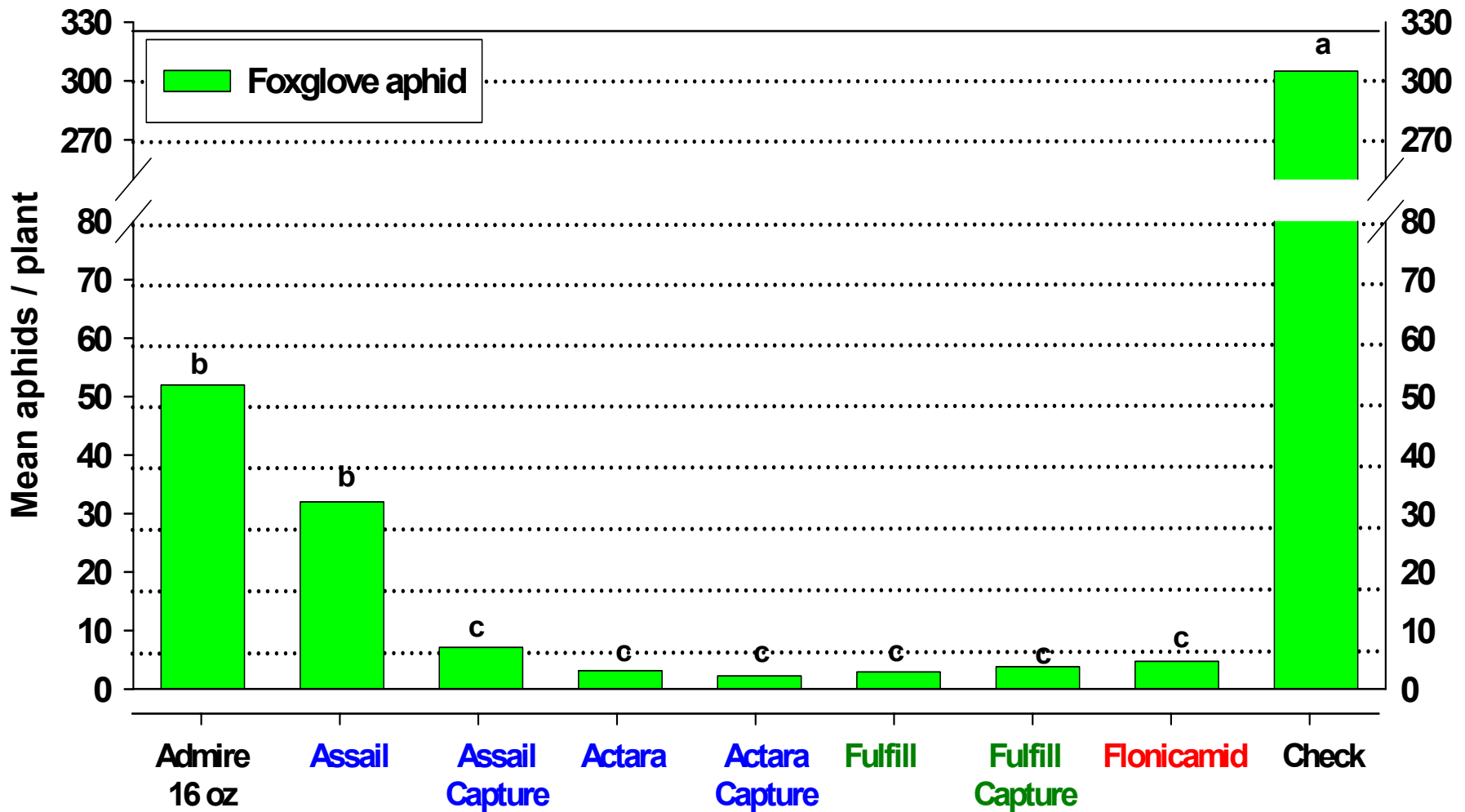
# Aphid Contamination on Head Lettuce

Harvest Evaluation - Mar 6, 2003



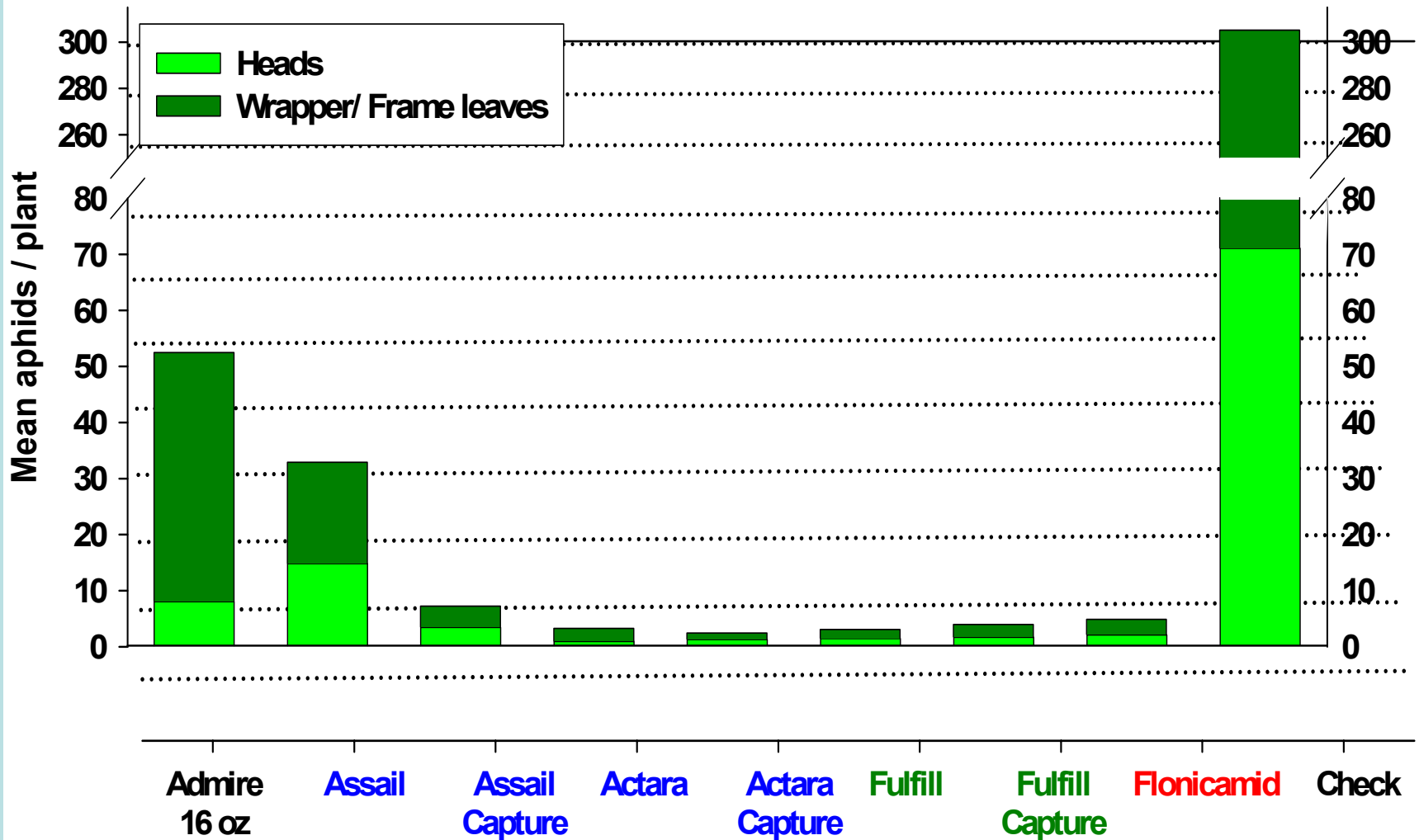
# Aphid Contamination on Head Lettuce

Harvest Evaluation - Mar 6, 2003



# Aphid Contamination on Head Lettuce

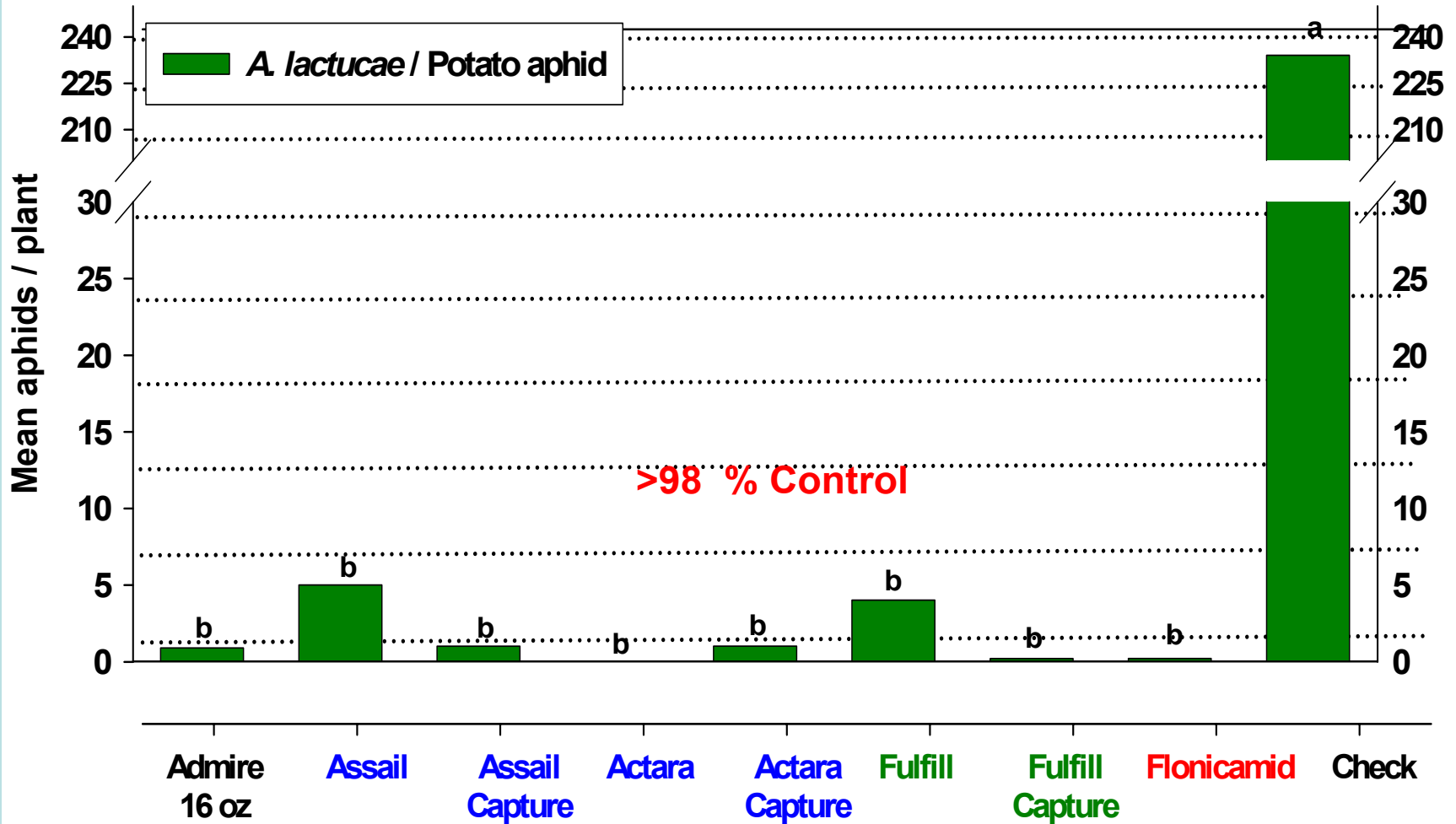
Harvest Evaluation - Mar 6, 2003





# Aphid Contamination on Head Lettuce

Harvest Evaluation - Mar 6, 2003



# Aphid Efficacy in Romaine

**Spray # 1 (Mar 13)**

**Spray # 2 (Mar 21)**

**Spray # 3 (Mar 30)**

<b>Dimethoate</b>	<b>+ endosulfan</b>	<b>0.75 pt + 1 qt</b>
<b>endosulfan</b>		<b>1 qt</b>
<b>Provado</b>	<b>+ endosulfan</b>	<b>3.75 oz + 1 qt</b>
<b>Flonicamid</b>	<b>+ endosulfan</b>	<b>0.133 lb ai +1 qt</b>
<b>Actara</b>	<b>+ endosulfan</b>	<b>4 oz + 1 qt</b>
<b>Assail</b>	<b>+ endosulfan</b>	<b>1.7 oz + 1 qt</b>
<b>Fulfill</b>	<b>+ endosulfan</b>	<b>2.75 oz + 1 qt</b>



## Romaine Aphid Efficacy

**1<sup>st</sup> application (Mar 13)**

- \* 33.5 aphids/plant**
- \* 100 % infestation**

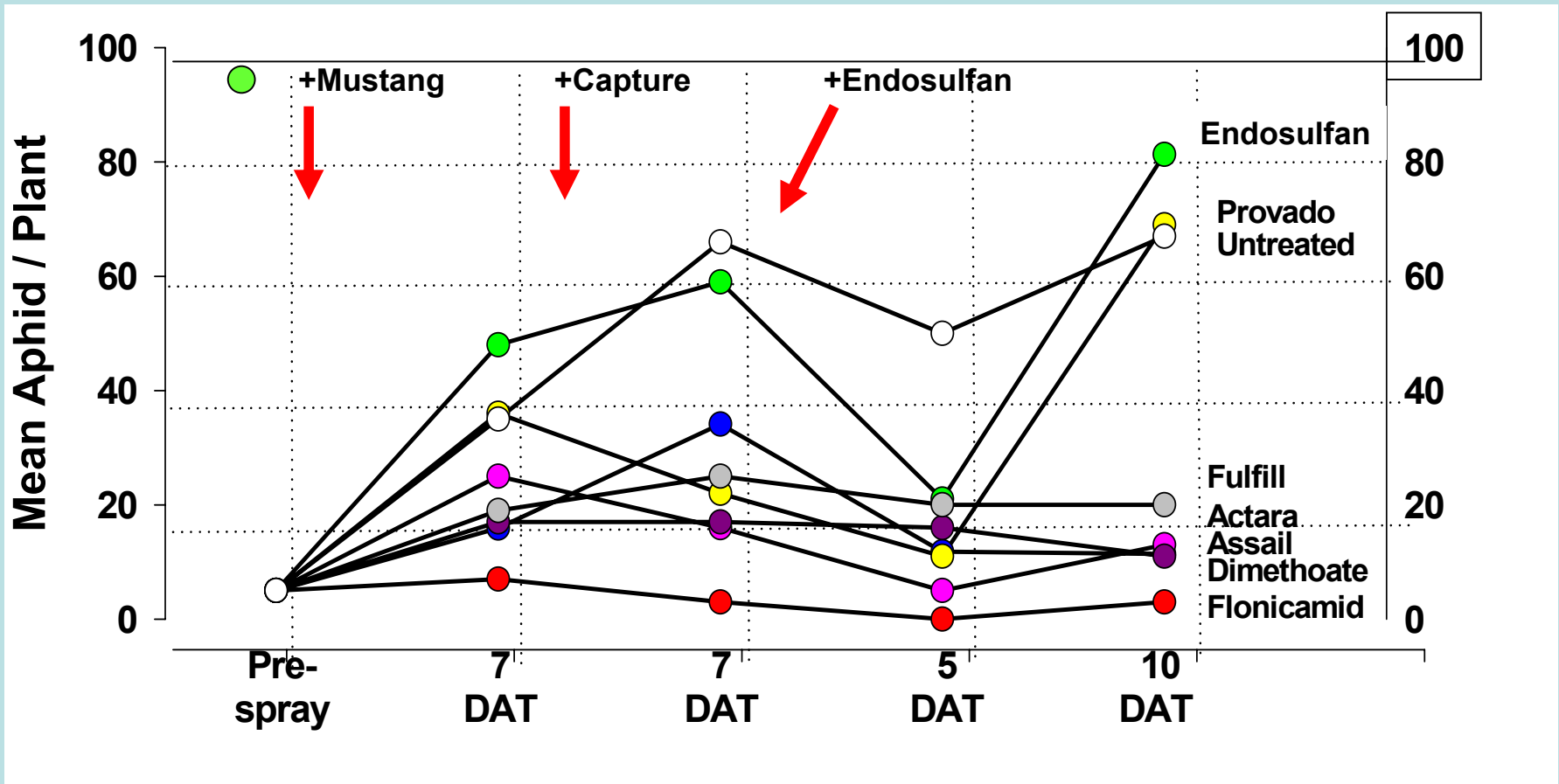
**\* Degree of efficacy varied by species**



# Aphid Efficacy in Romaine

## YAC- 2003

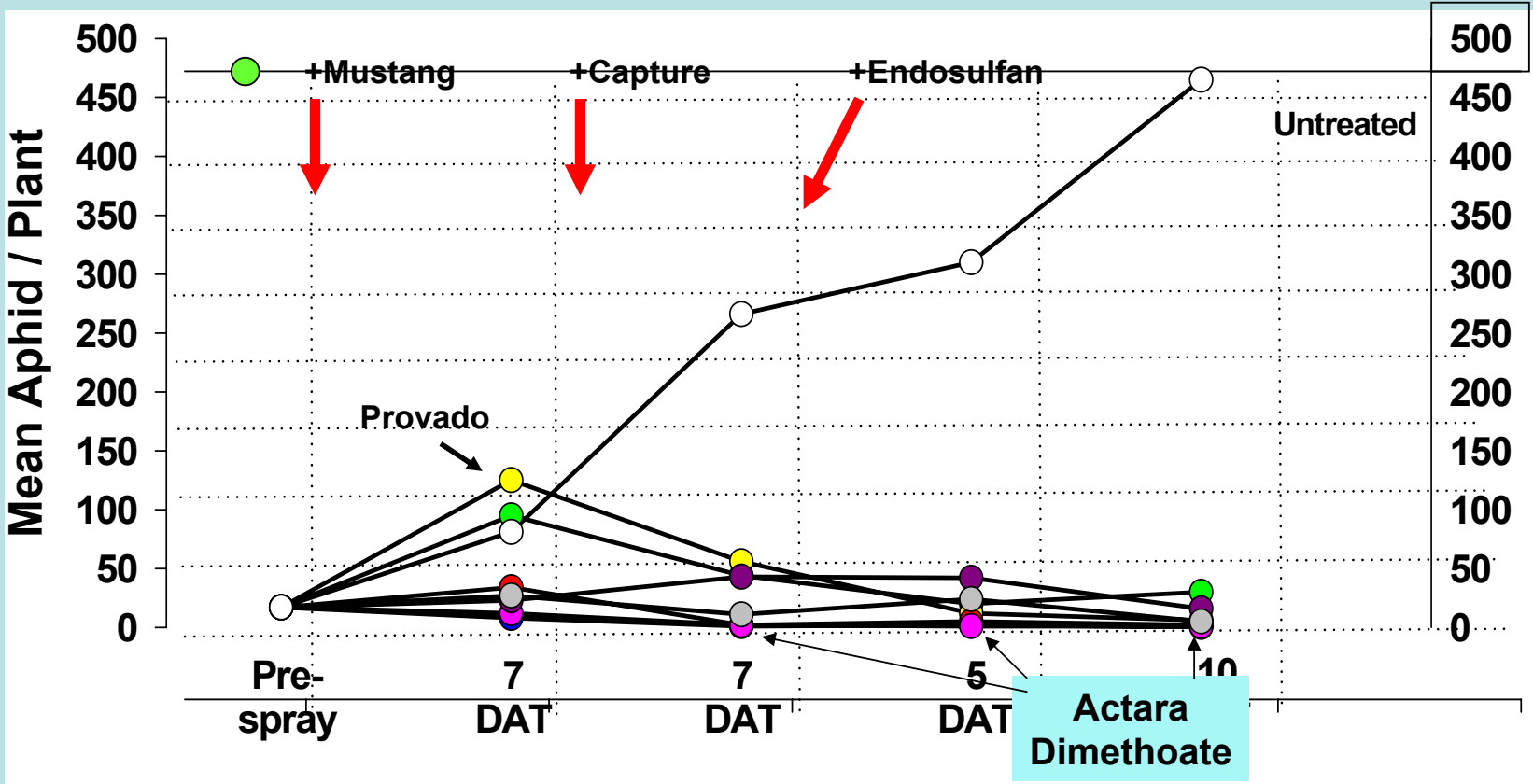
### Foxglove Aphid



# Aphid Efficacy in Romaine

## YAC- 2003

### Potato Aphid / *A. lactucae*

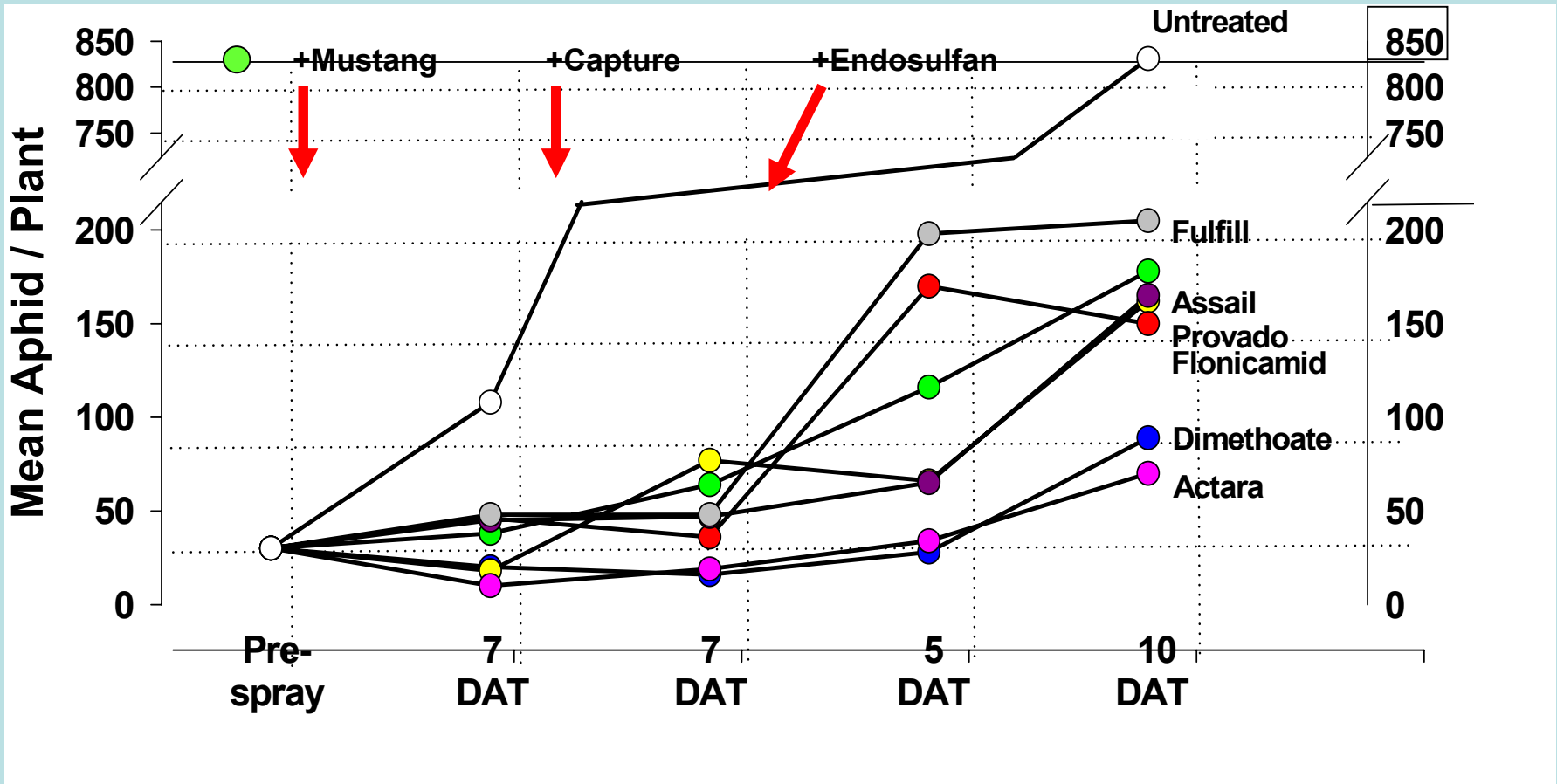




# Aphid Efficacy in Romaine

## YAC- 2003

### Lettuce Aphid



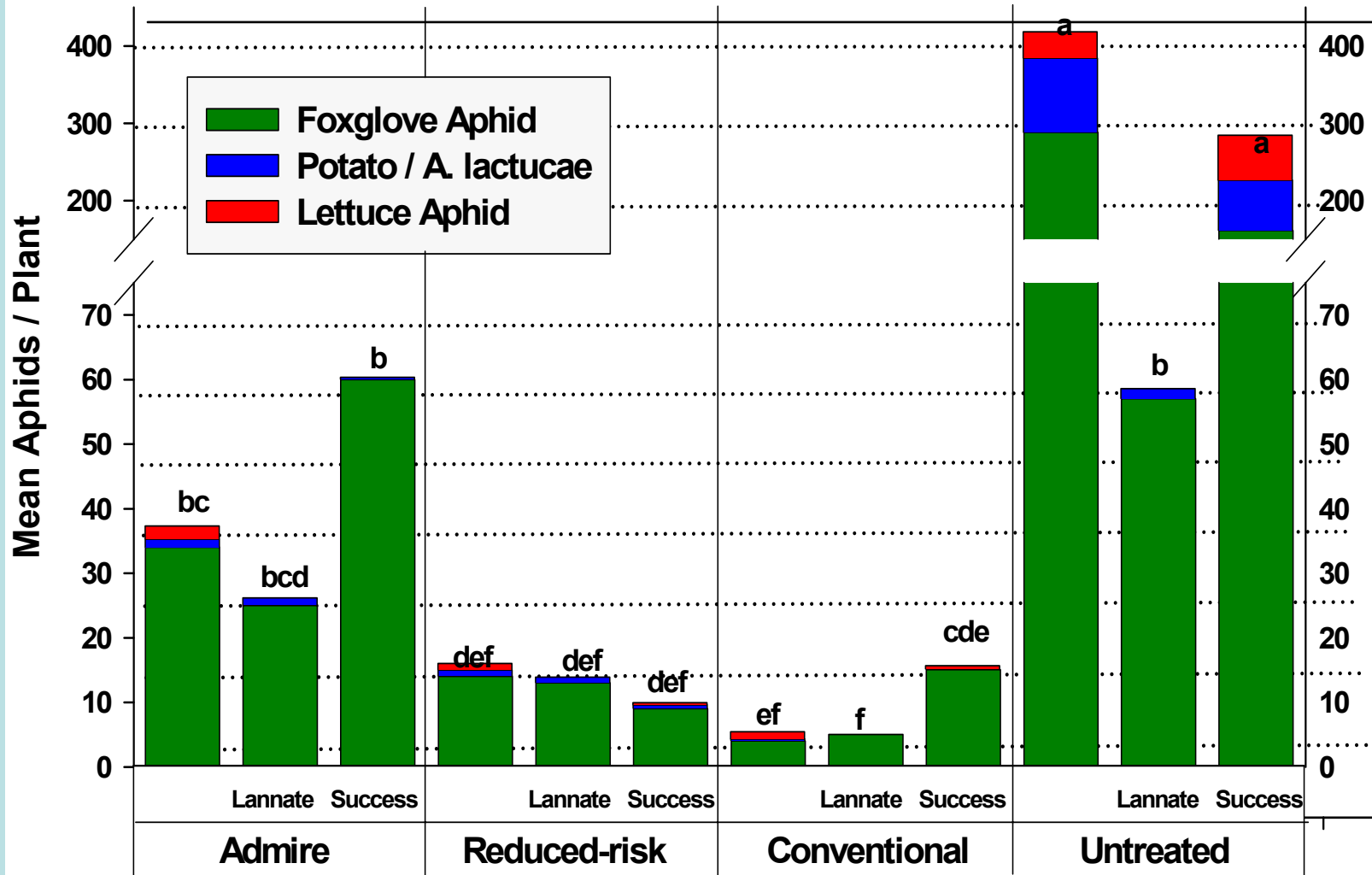
# Interactions between Aphid and Thrips Control in Head Lettuce

## Threshold:

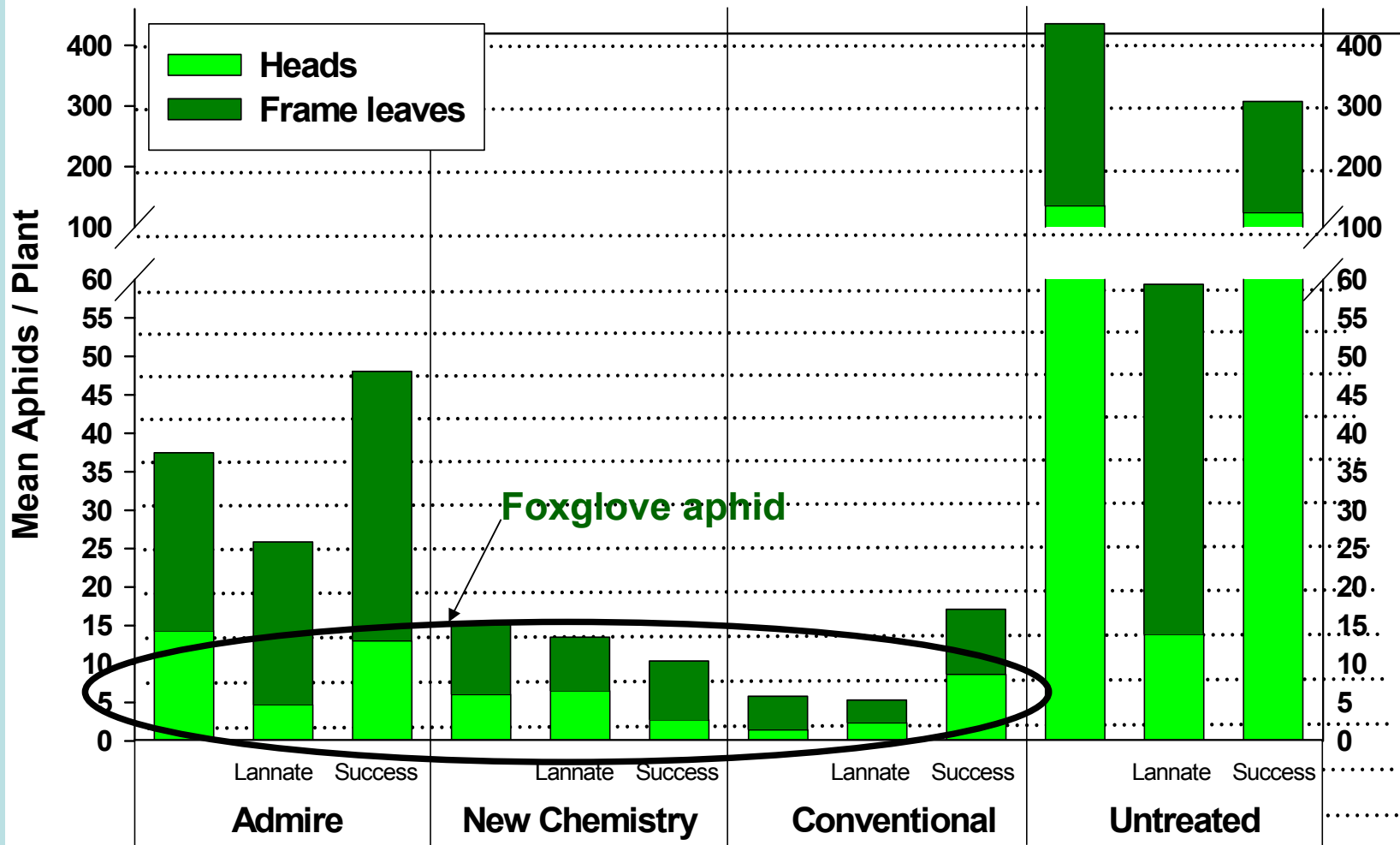
**1st colonization = 0.9 aphids /plant**

**7 % of plants infested > 1 aphid**

# Interactions between Aphid and Thrips Control in Head Lettuce



# Interactions between Aphid and Thrips Control in Head Lettuce







# Arizona Crop Information Site

<http://www.ag.arizona.edu/crops>

