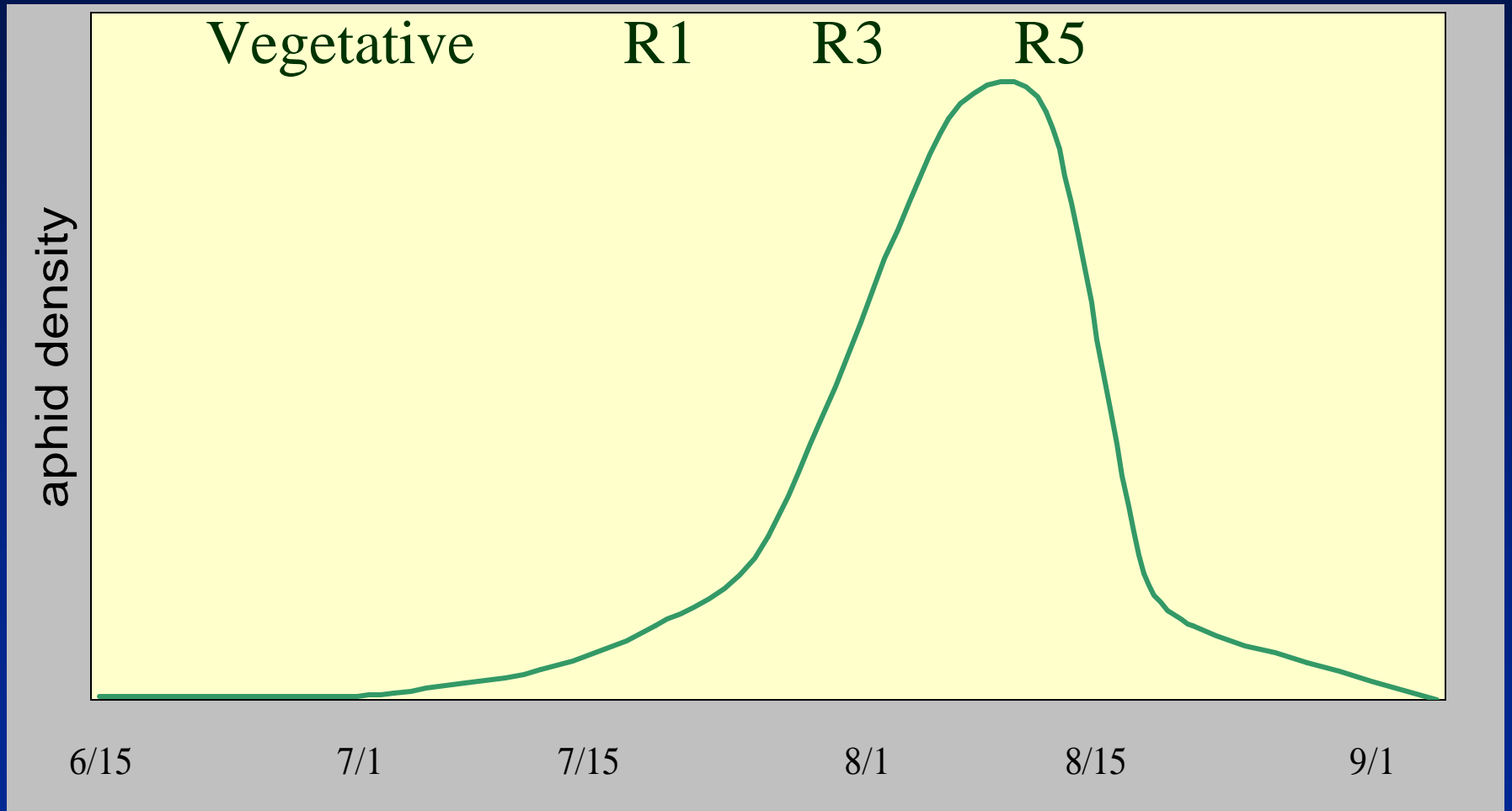


Soybean Aphid Biology in Wisconsin

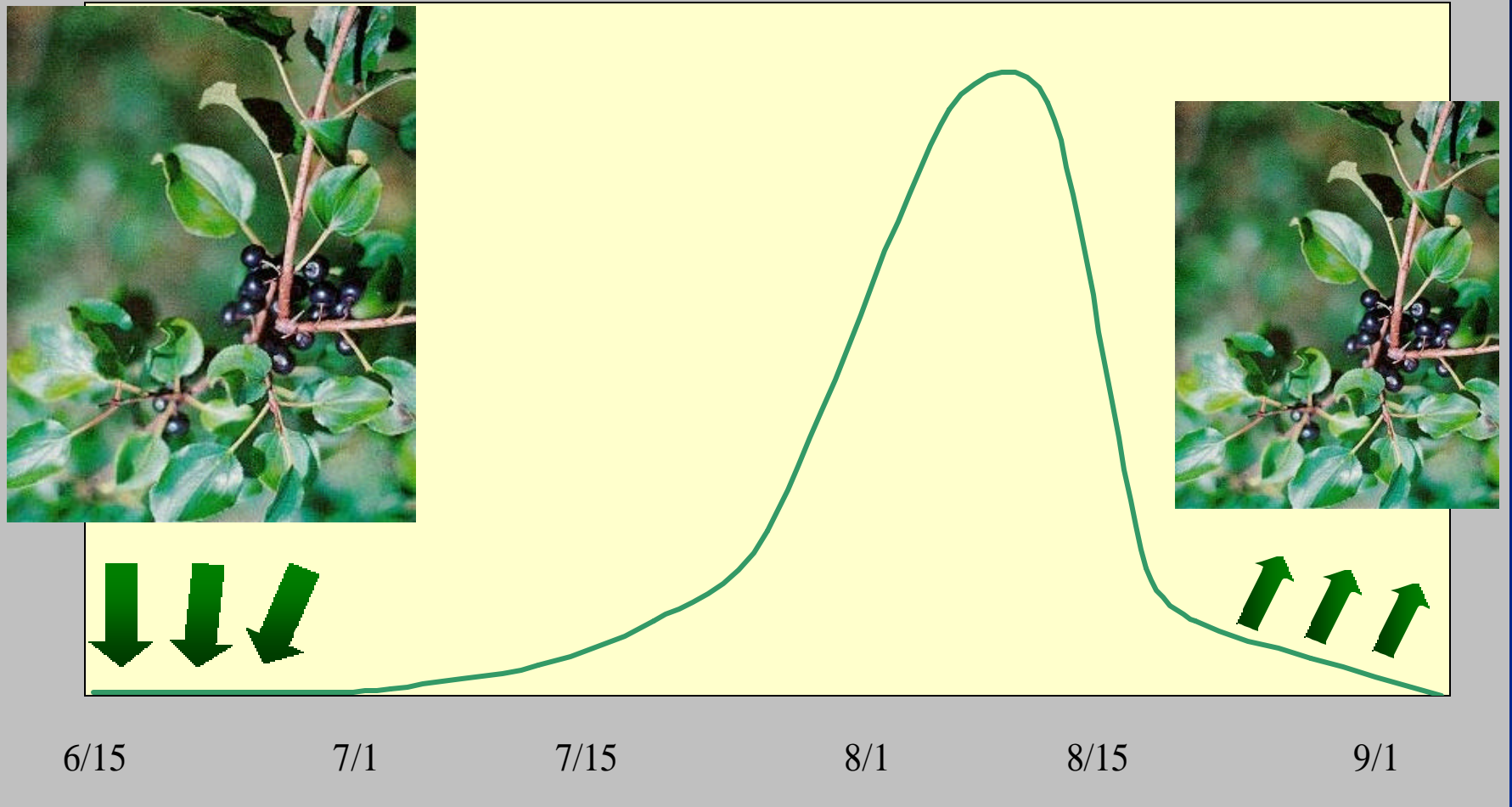
Bob Ellingson

UW Entomology

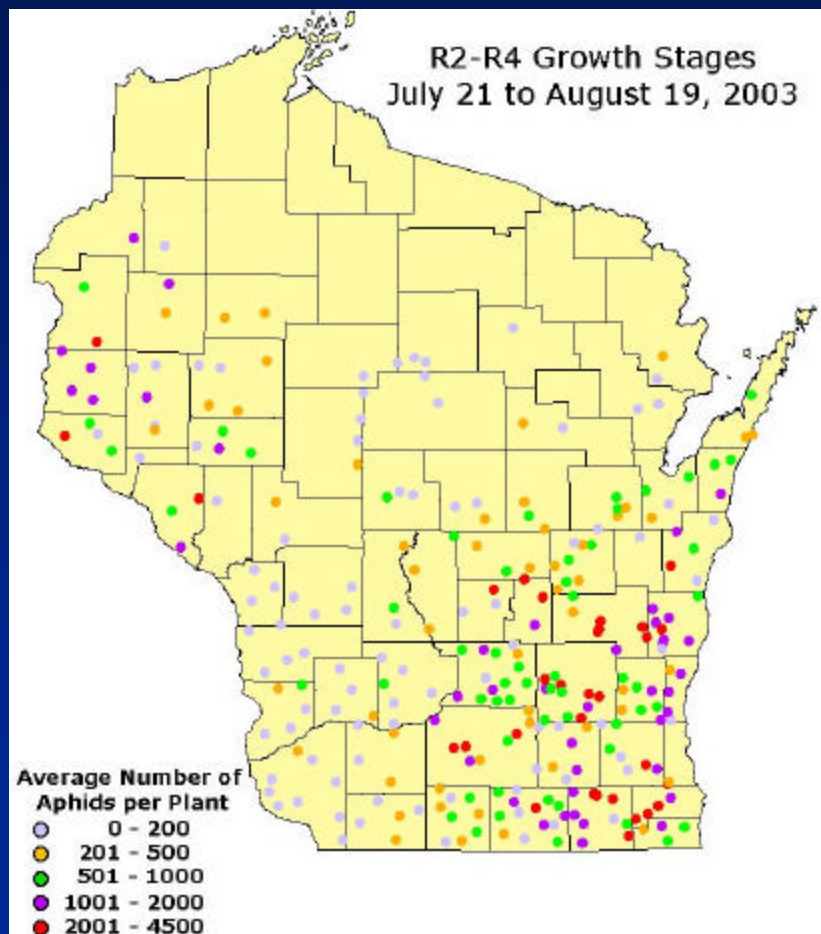
Soybean Aphid in Wisconsin



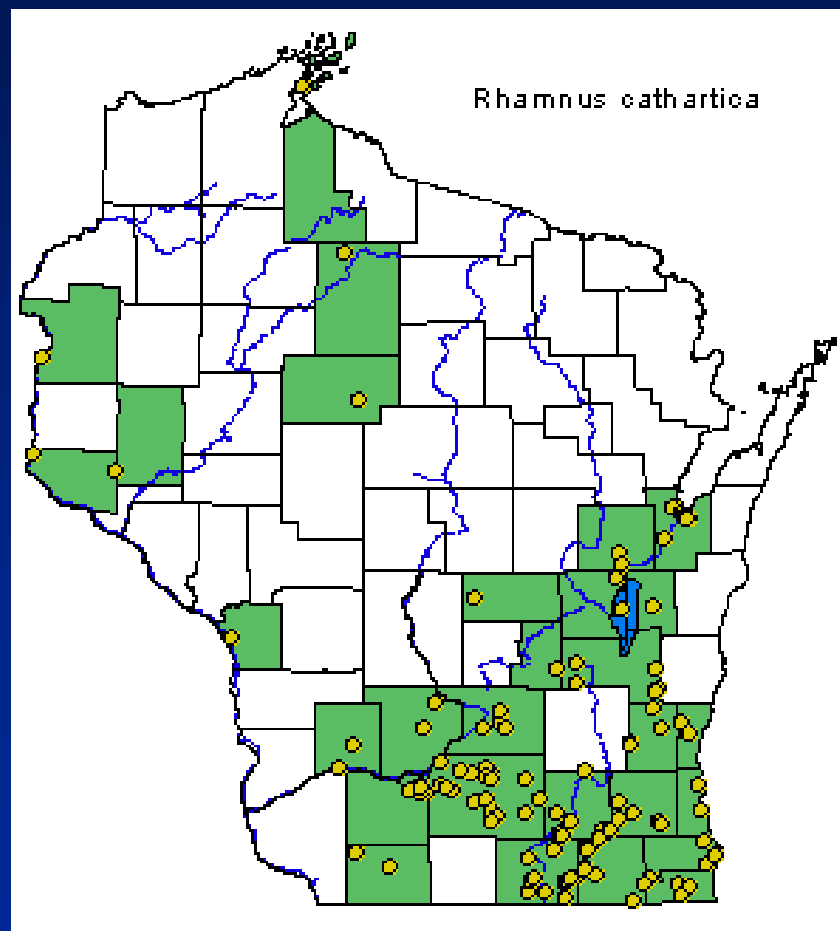
Soybean Aphids Host-Alternate



Aphid Severity / Buckthorn Distribution

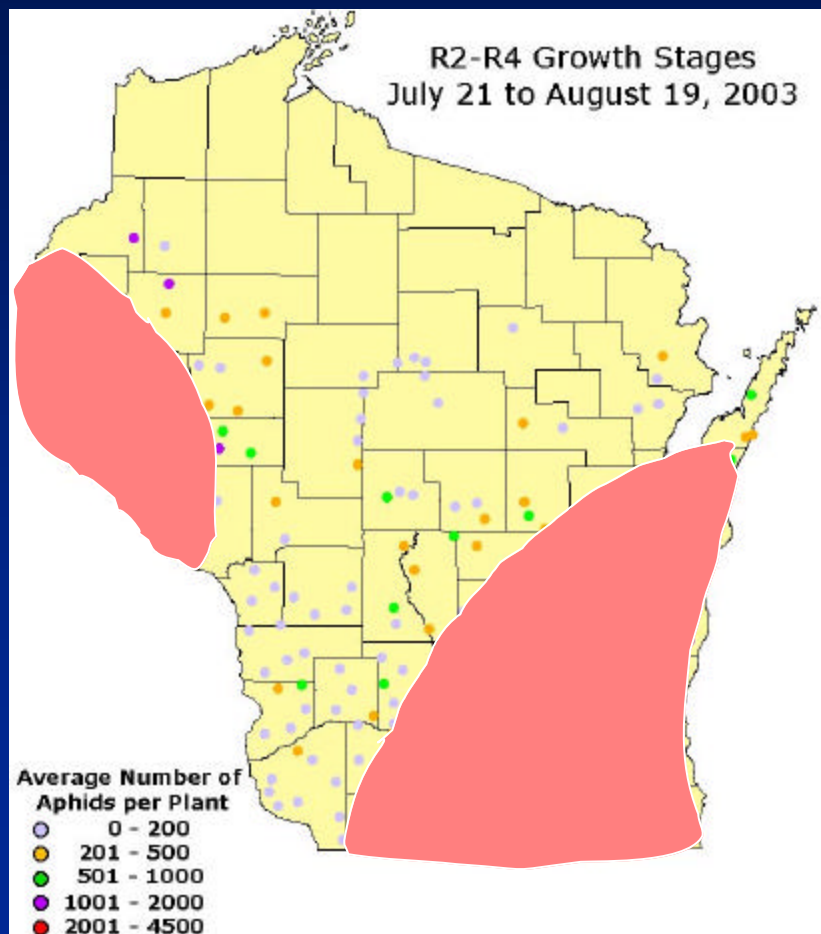


WI DATCP

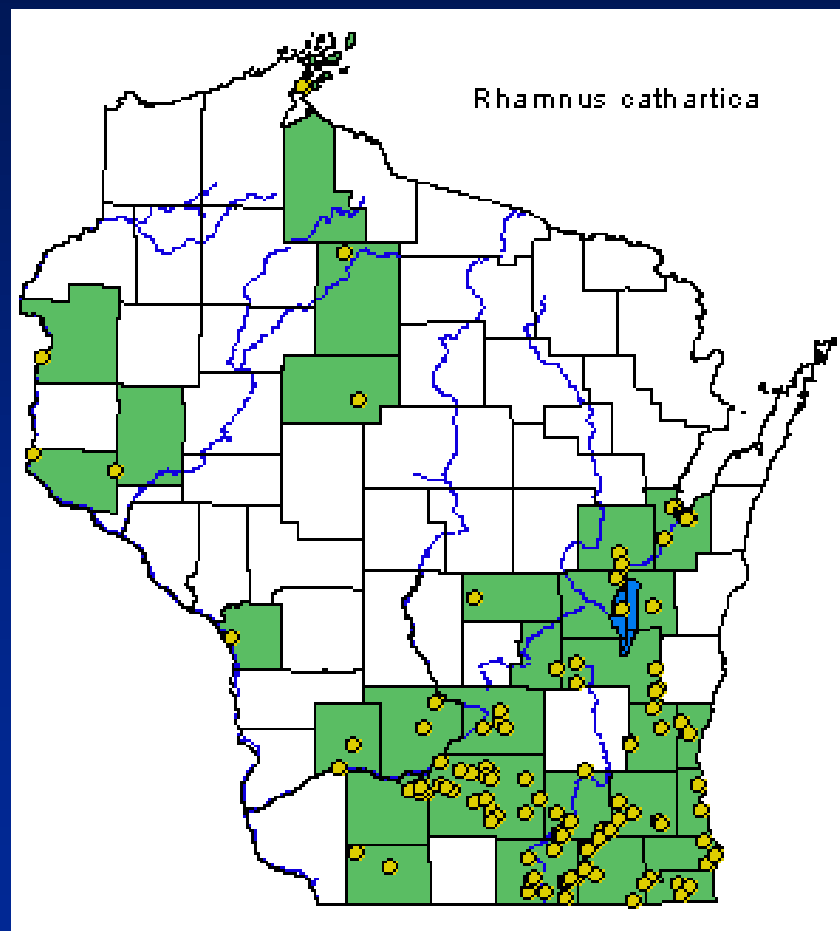


WISCOMP

Aphid Severity / Buckthorn Distribution



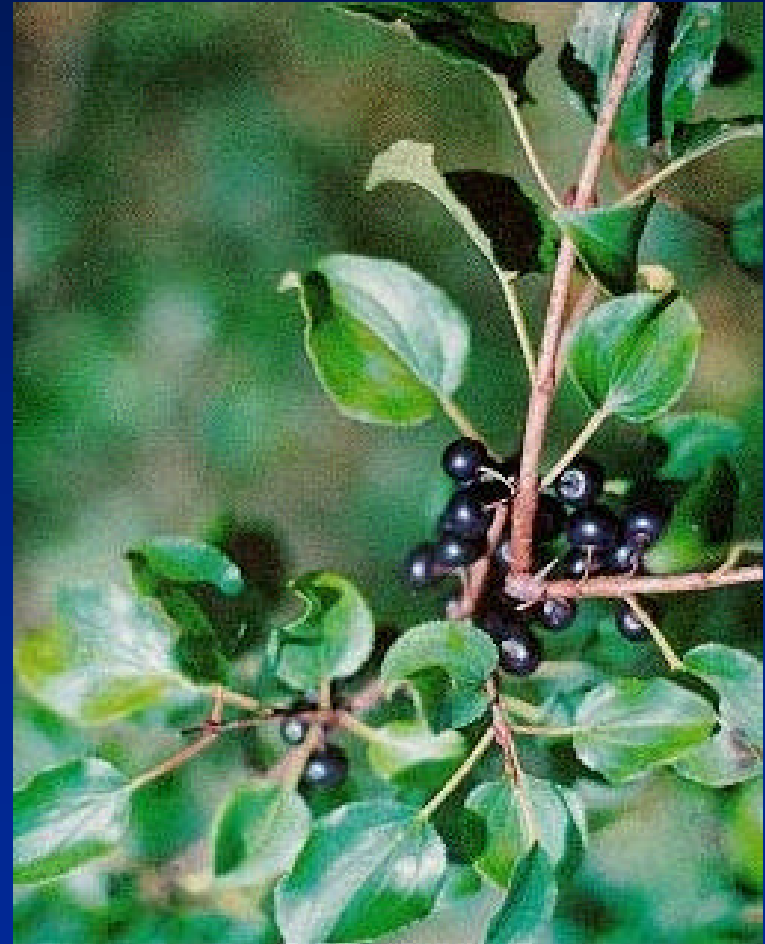
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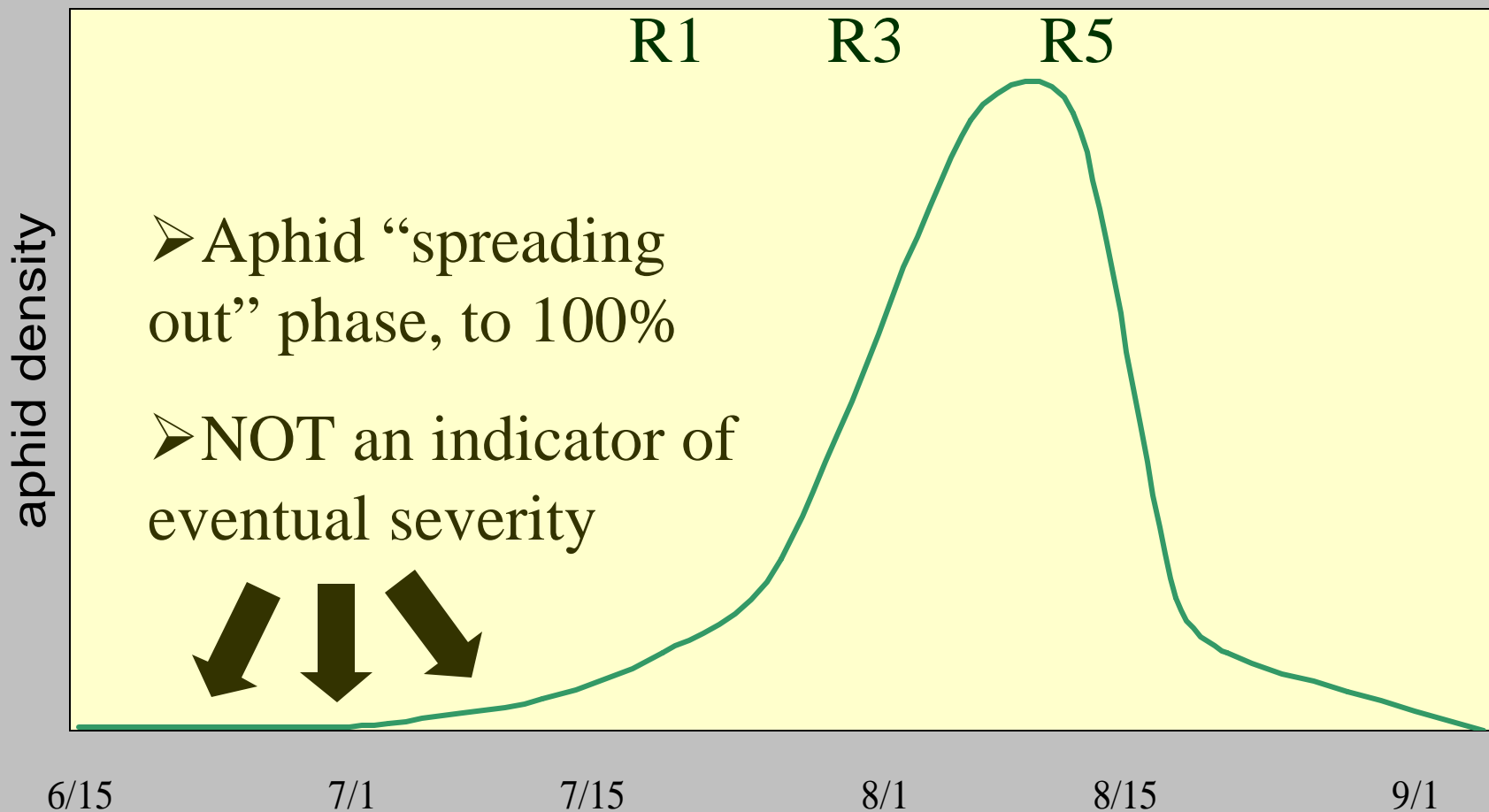
WISCOMP

Common Buckthorn

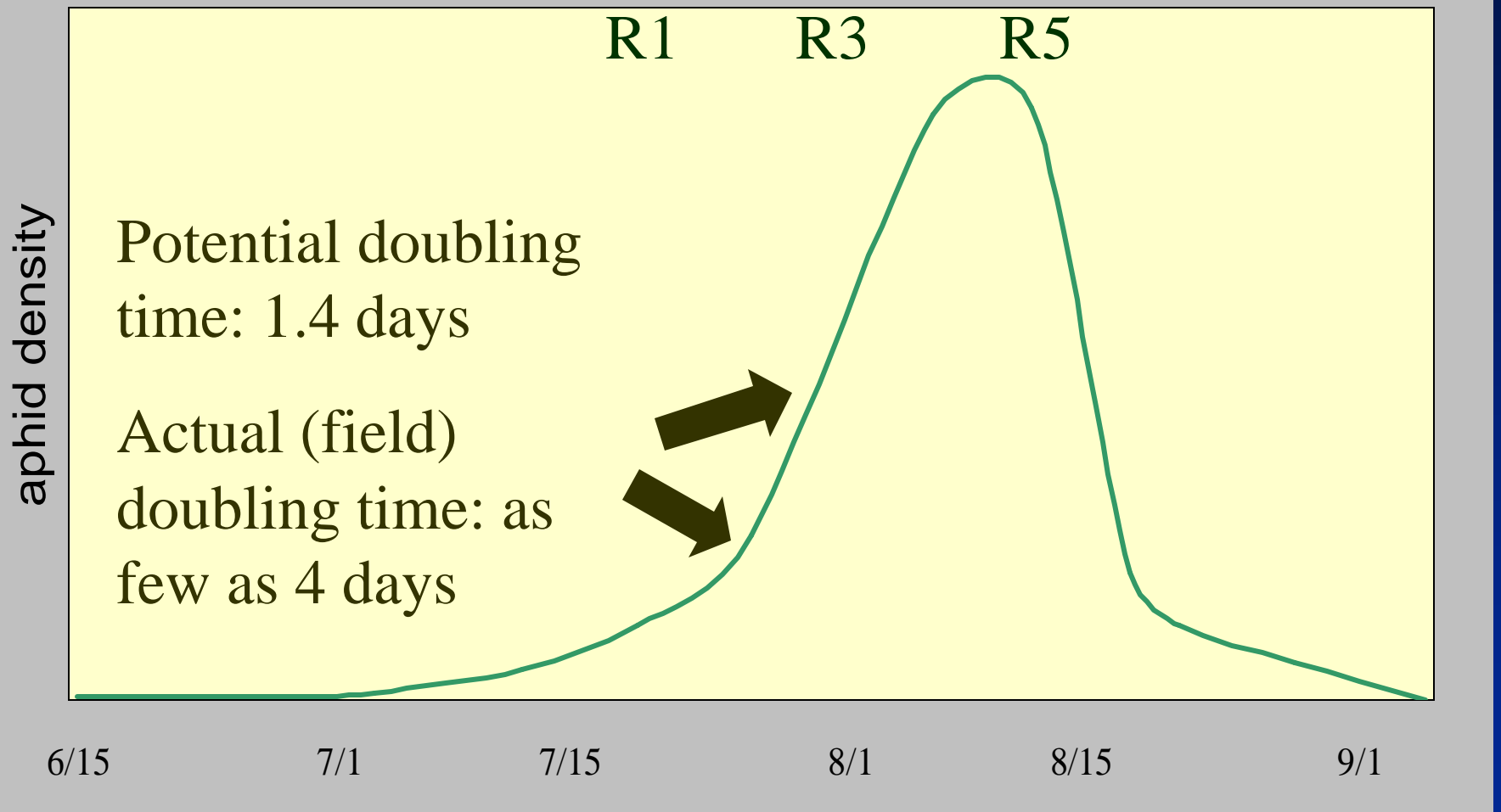
- windbreaks, woodlots
- Aphid migration-
long distance - ?
- Local control not likely
to reduce aphid severity



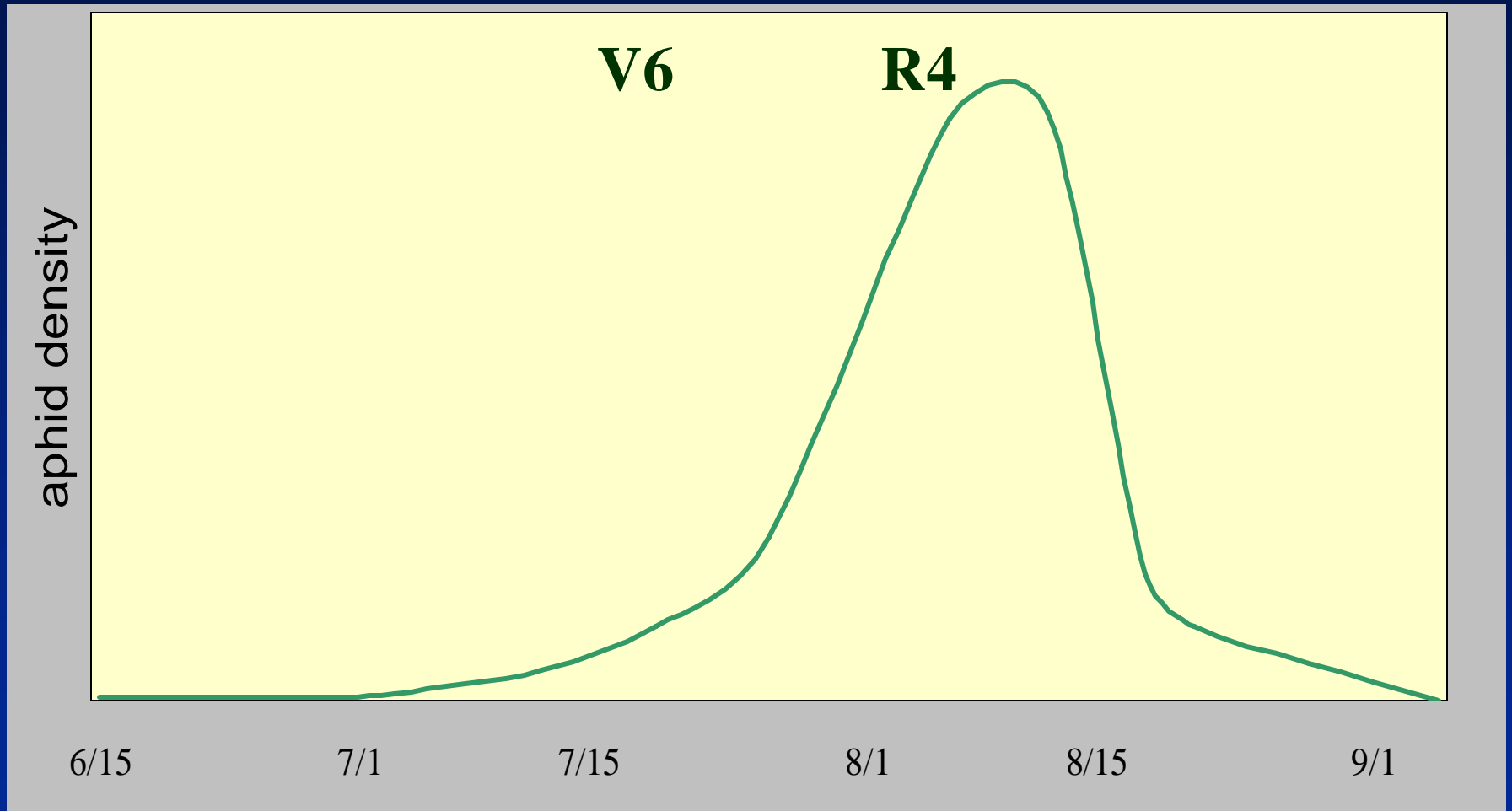
Aphid Immigration & Establishment-June/July



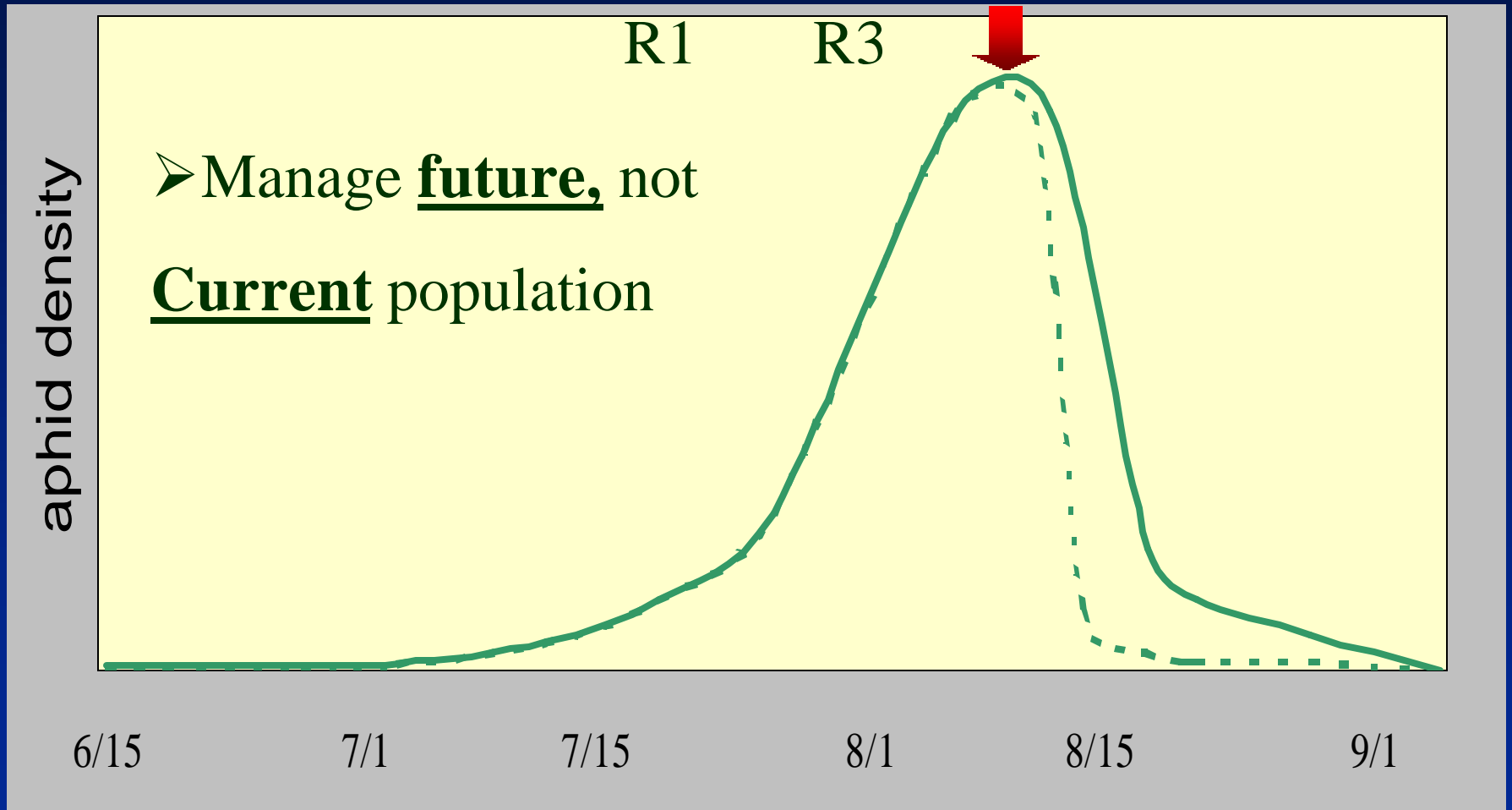
Rapid Aphid Increase- July/August



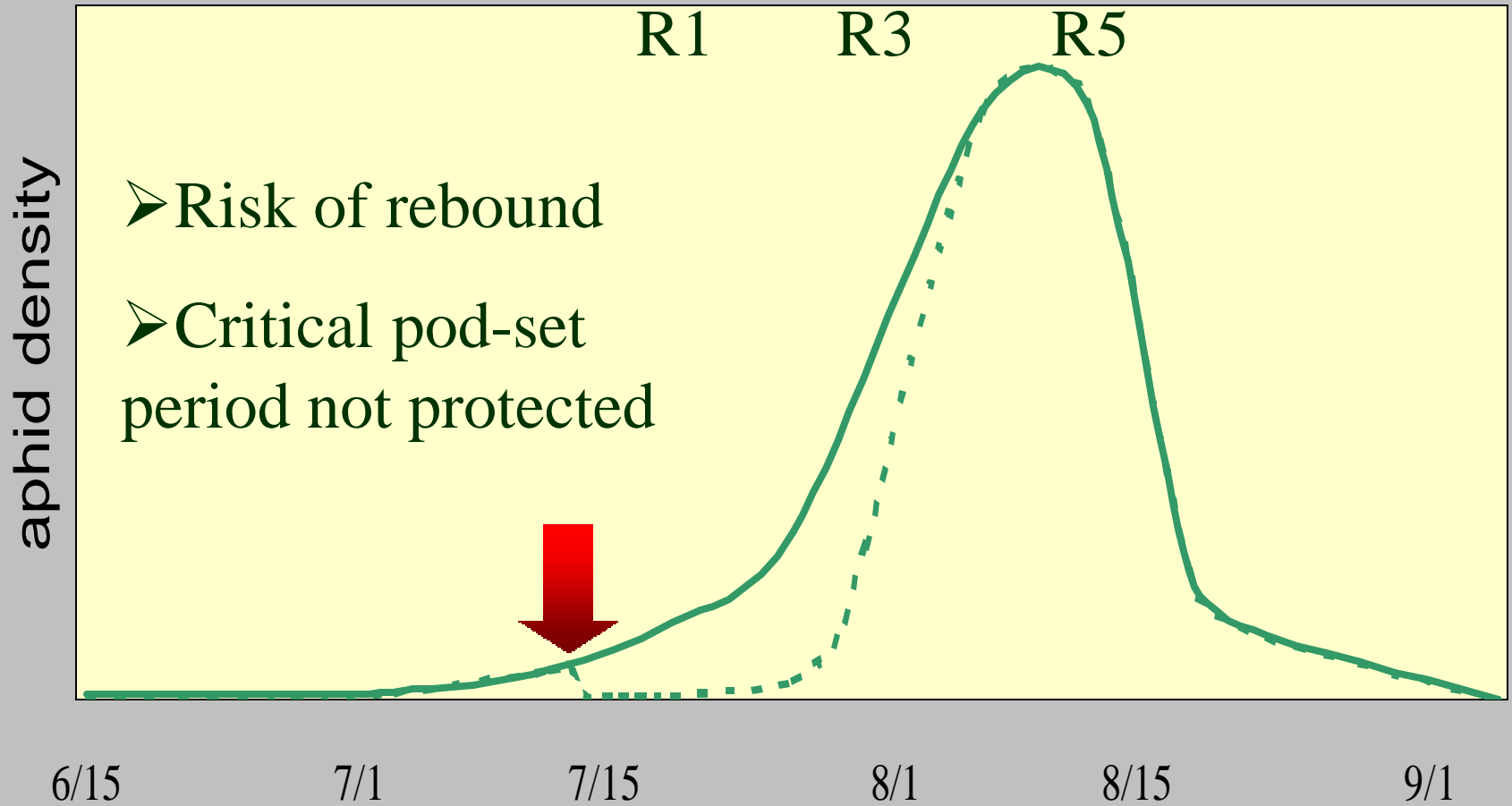
Critical Scouting Window



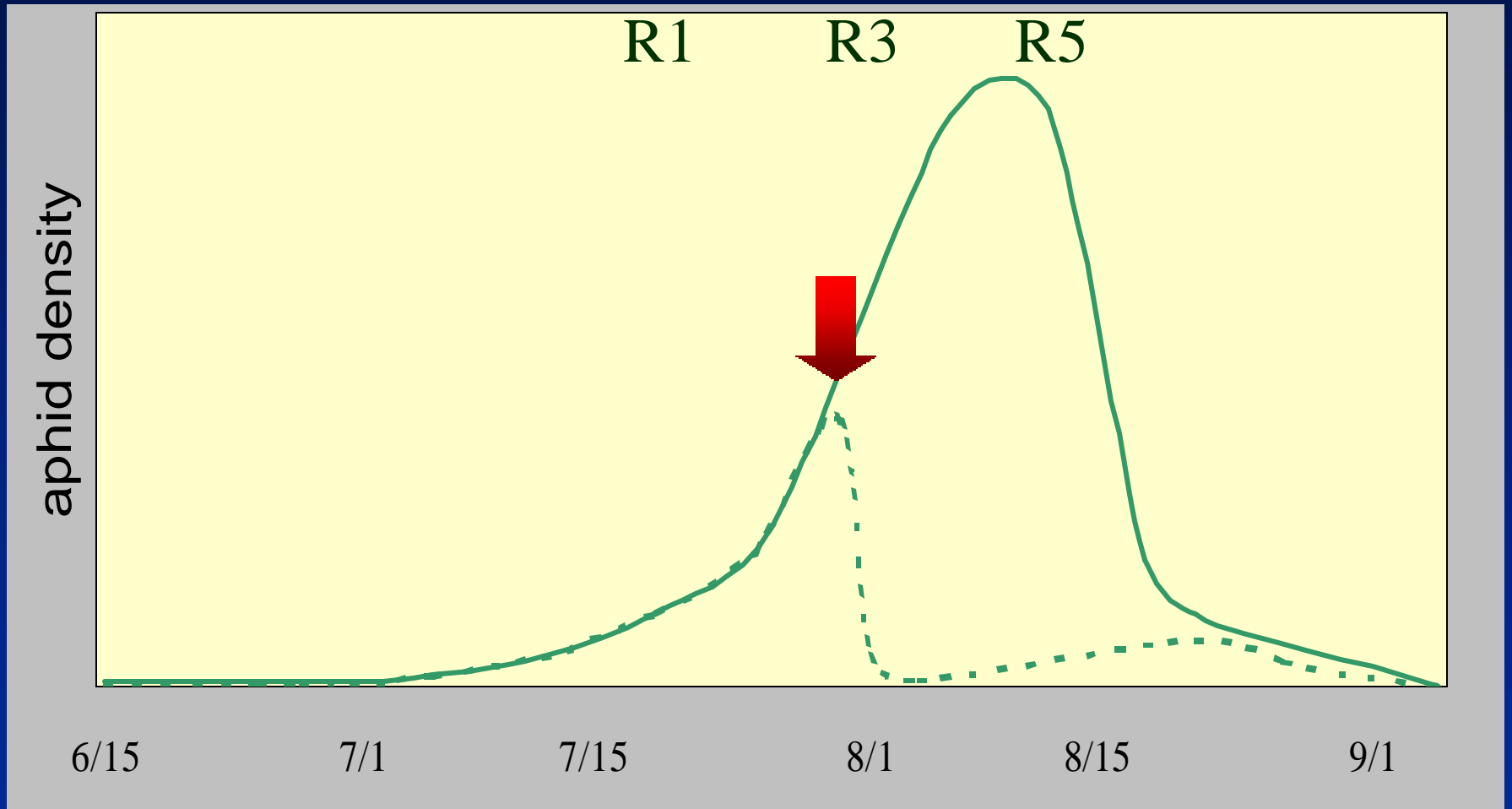
Insecticide Timing



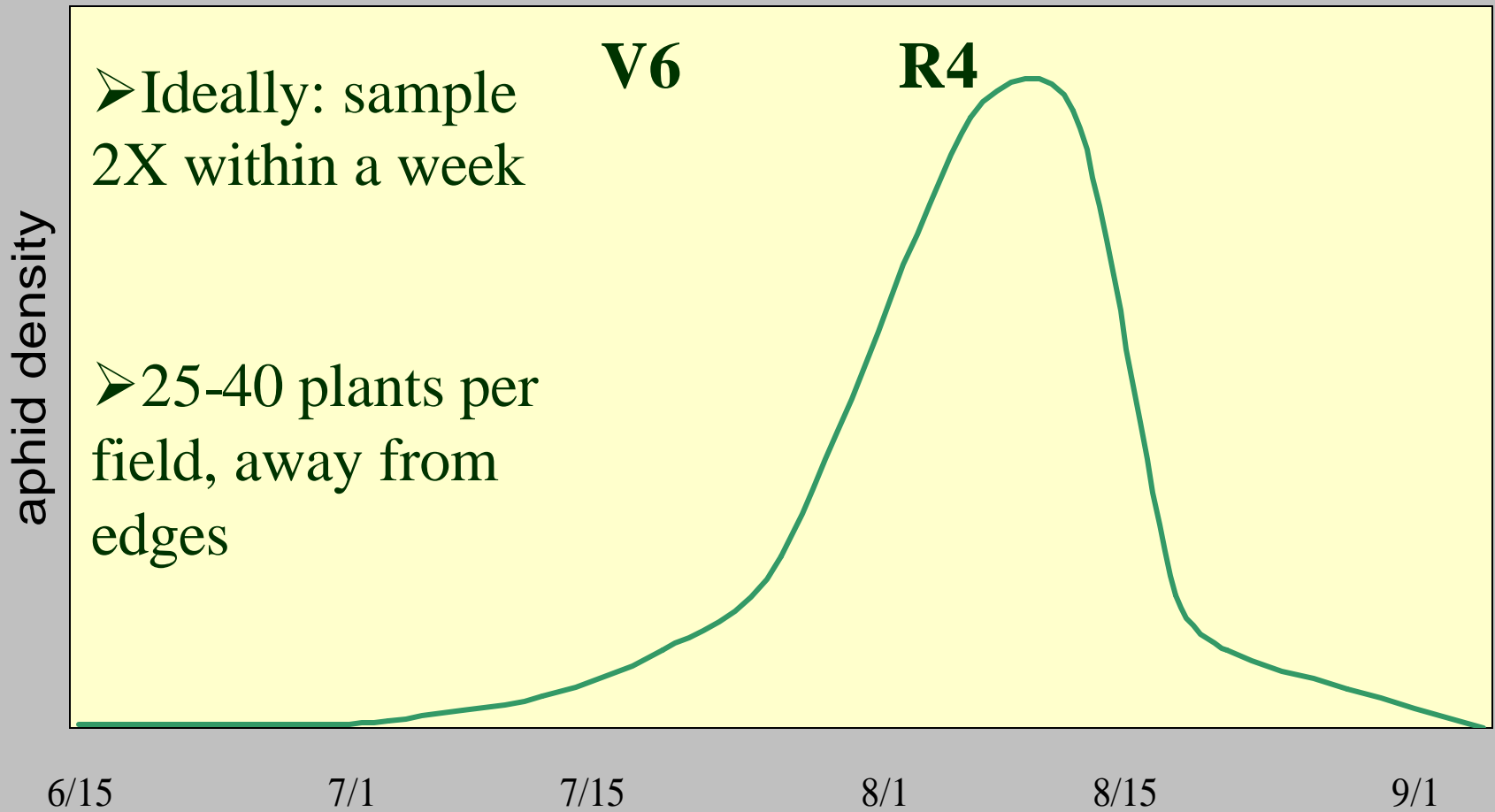
Insecticide Timing



Insecticide Timing



Critical Scouting Window



Scouting: Appearance of Aphid Colonies



The Good



12-spotted Lady Beetle

The Bad



Bean Leaf Beetle-Red Phase

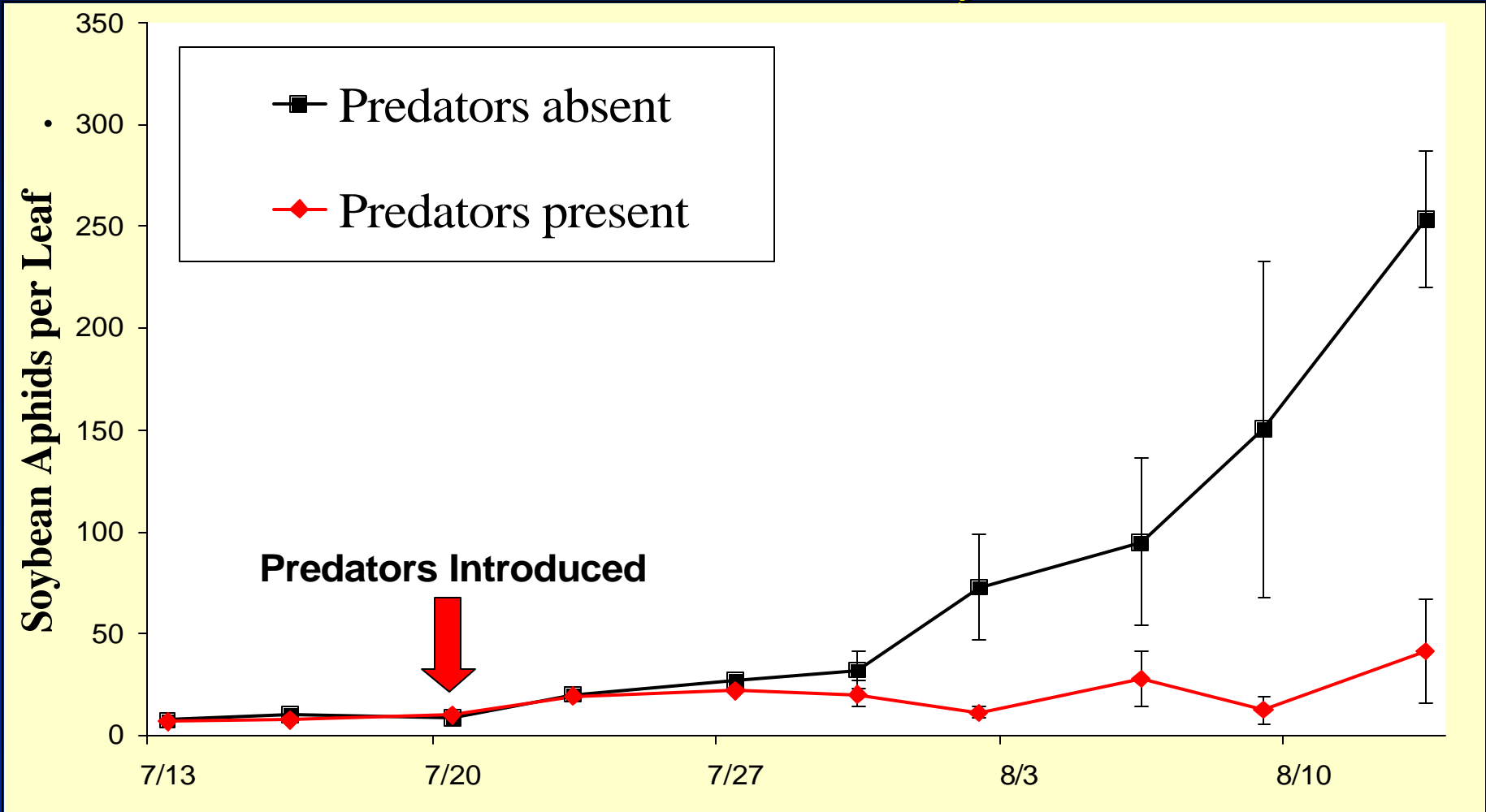
Lady Beetle Larva



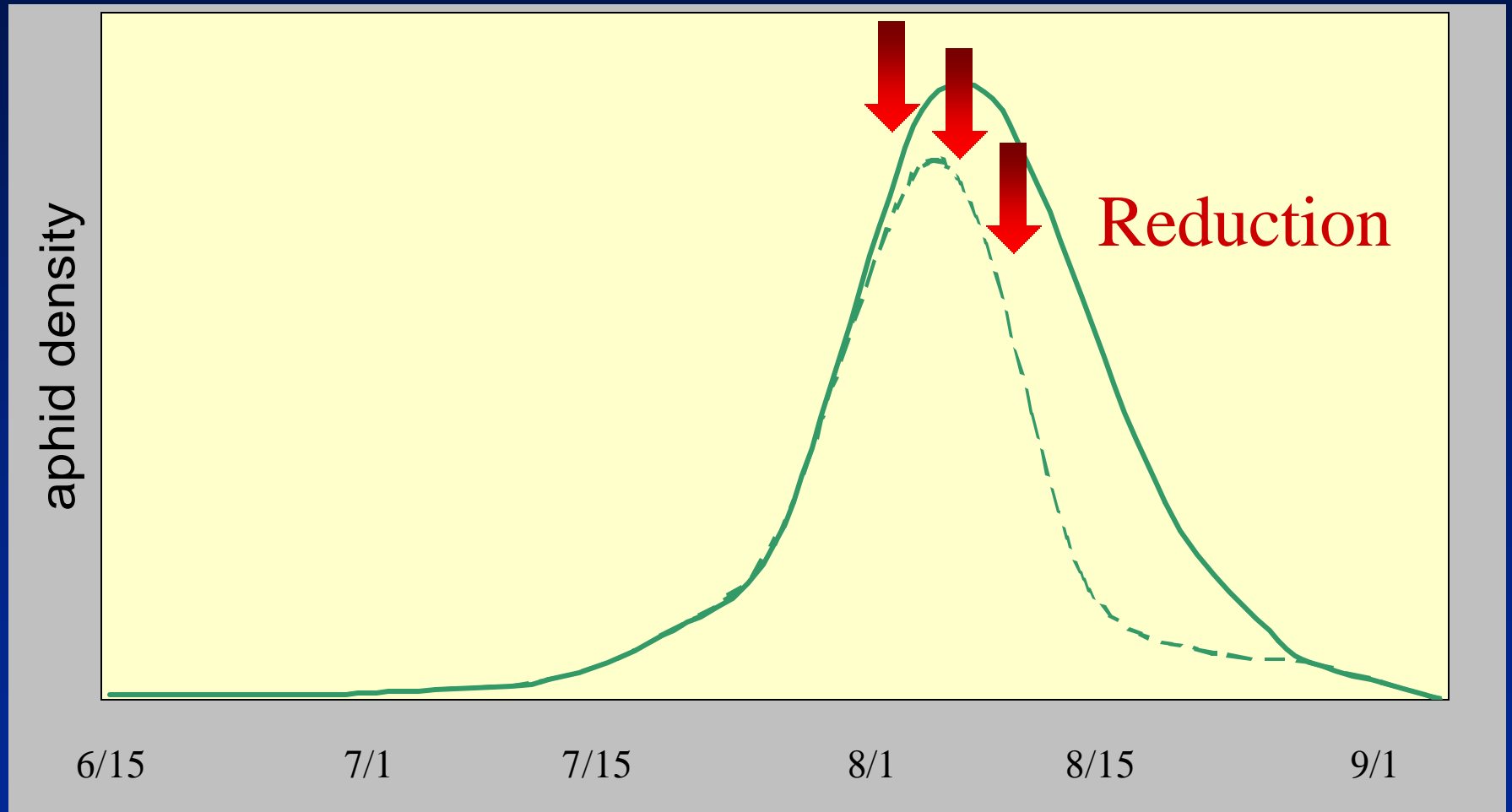
Multicolored Asian Lady Beetle



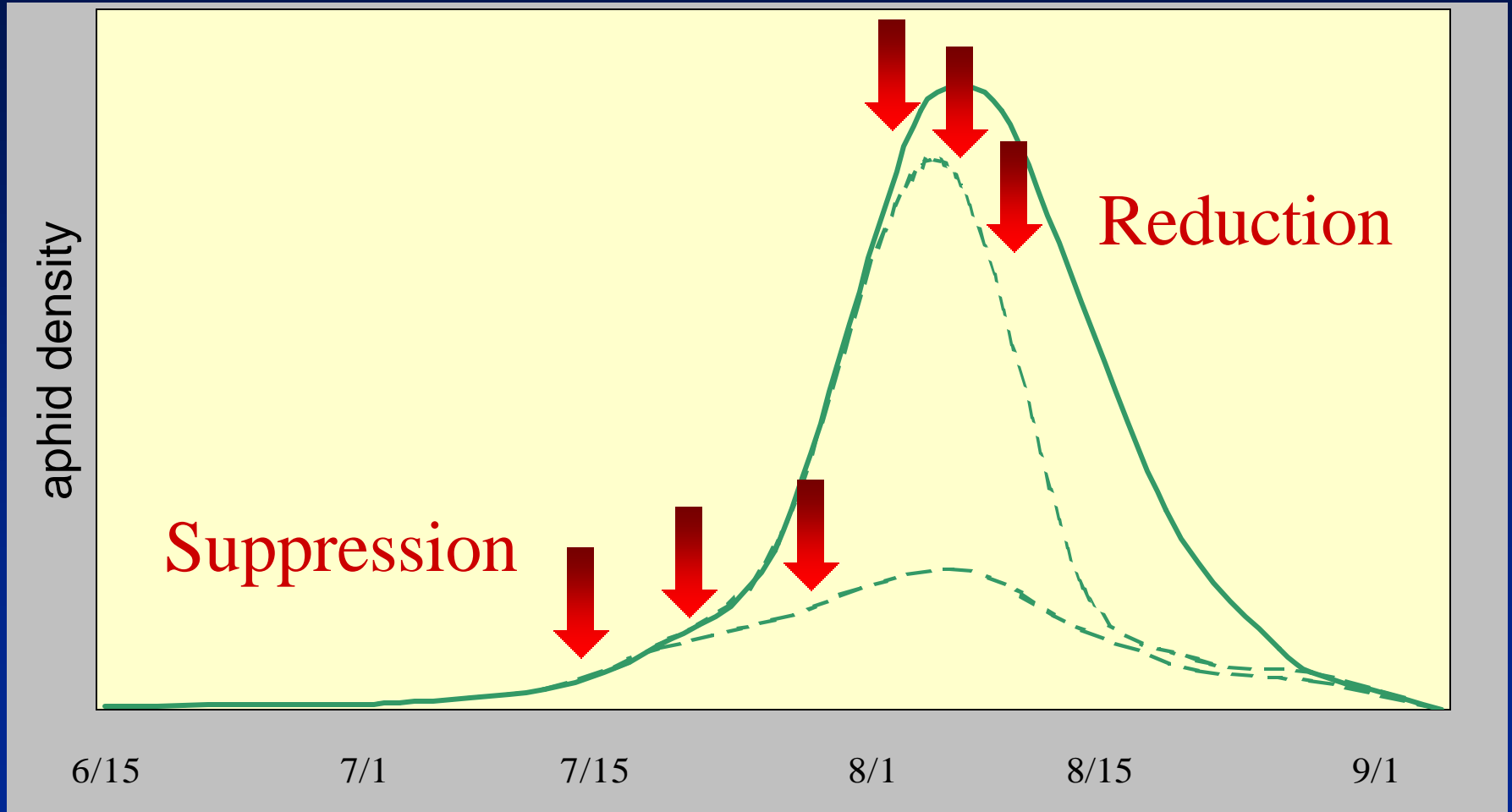
Aphid Suppression by Lady Beetle Predation, 2001



Natural Enemies and Aphid Regulation



Natural Enemies and Aphid Regulation



Soybean Aphid Parasite



Soybean Aphid Parasite



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