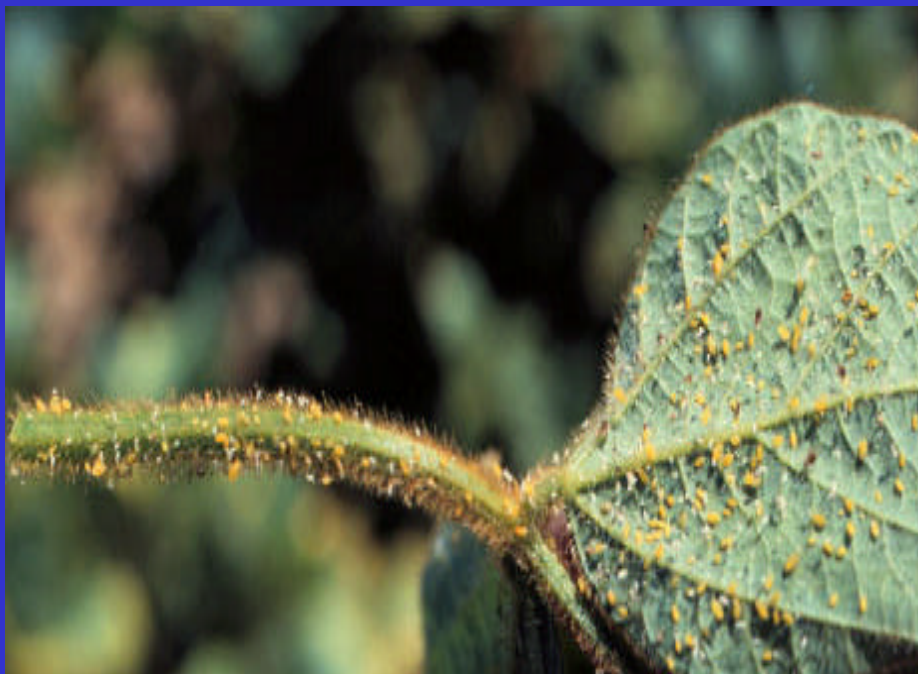


BIOLOGICAL CONTROL OF SOYBEAN APHID

Bob A. Ellingson
and
David B. Hogg

Soybean Aphid, August 2000



Harmonia axyridis
(Multicolored Asian Lady Beetle)



H. axyridis Larva

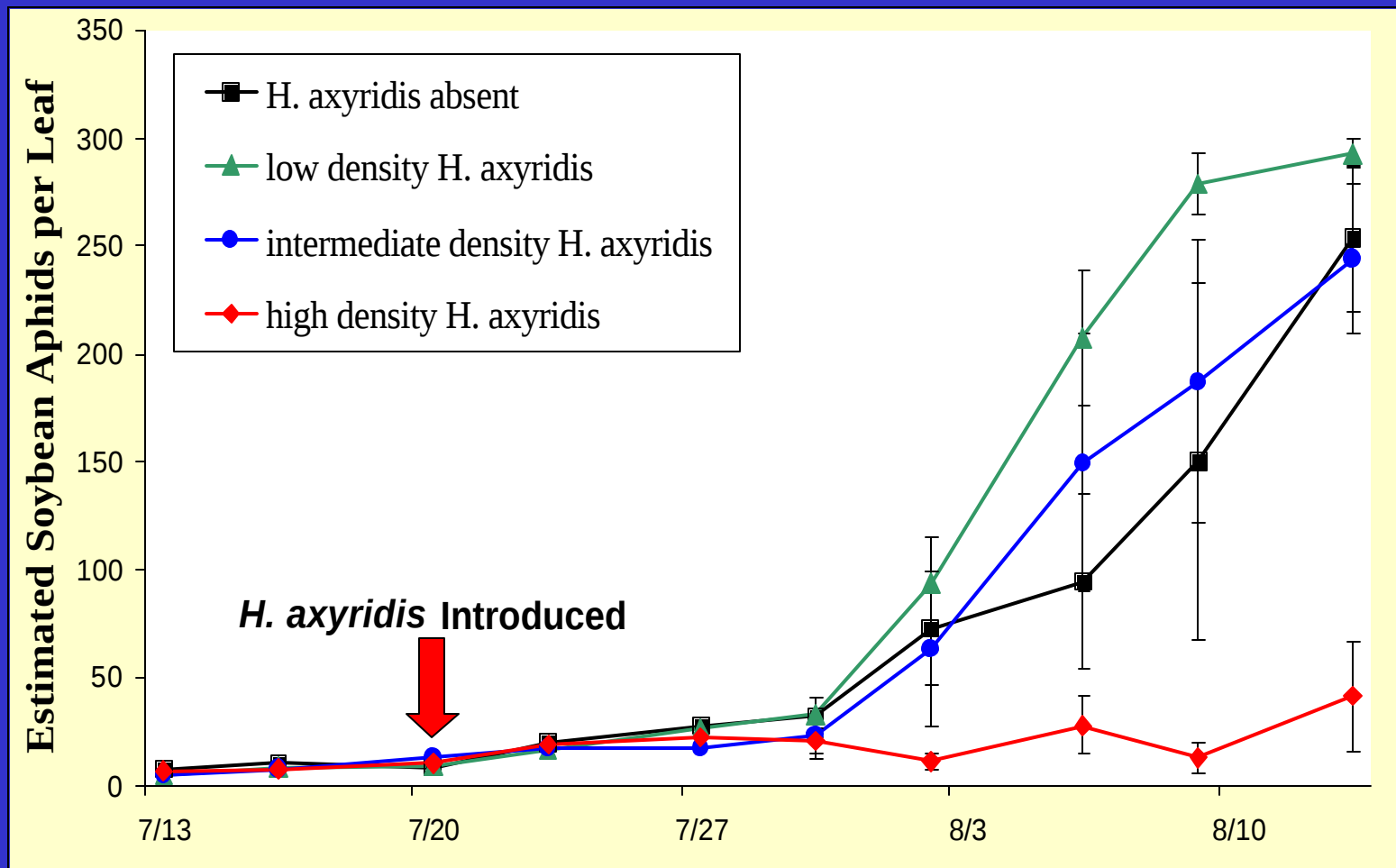


FIELD CAGE STUDY

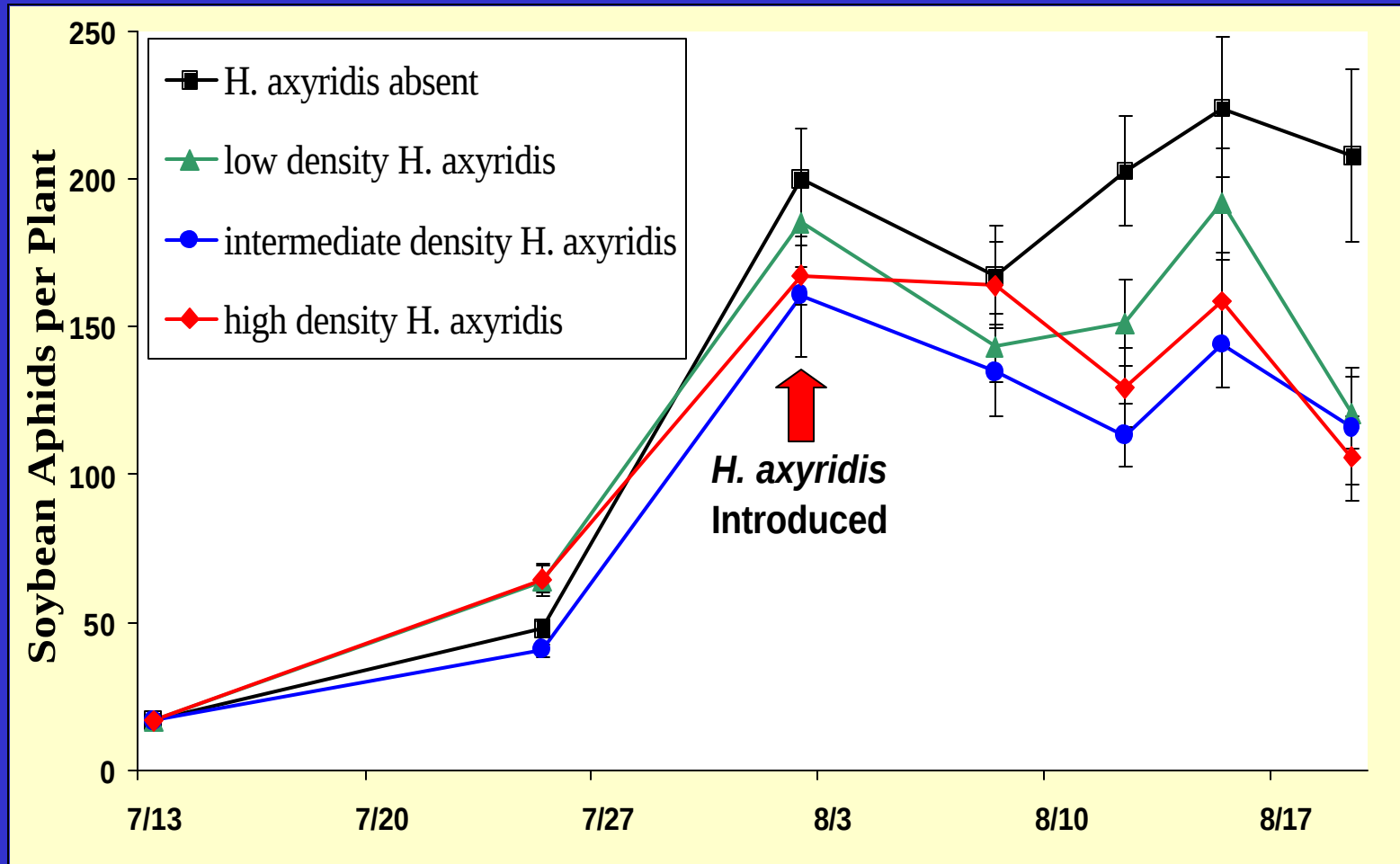
- Dimensions: 6x6x6 ft
- 0, 6, 15, or 24 2nd instar *H. axyridis* larvae added to each cage



Aphid Density at 4 Levels of *H. axyridis* Predation, 2001



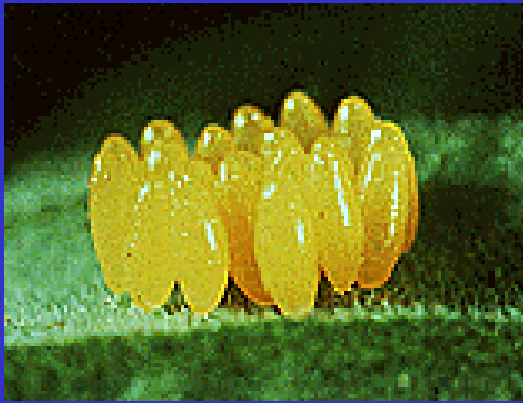
Aphid Density at 4 Levels of *H. axyridis* Predation, 2002



SUMMARY

- *Harmonia* larvae at densities \$ 1:7 plants may suppress explosive soybean aphid growth **when present early**
- Predators arriving during rapid aphid growth phase have a less pronounced effect, and may not be capable of preventing economic damage

Important Beneficial Insects in Wisconsin Soybeans



Beneficial or Pest?



12-spotted Lady Beetle



Bean Leaf Beetle-Red Phase

PIRATE BUG



LACEWING LARVA



SOYBEAN APHID PARASITOIDS



SOYBEAN APHID PARASITOIDS



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