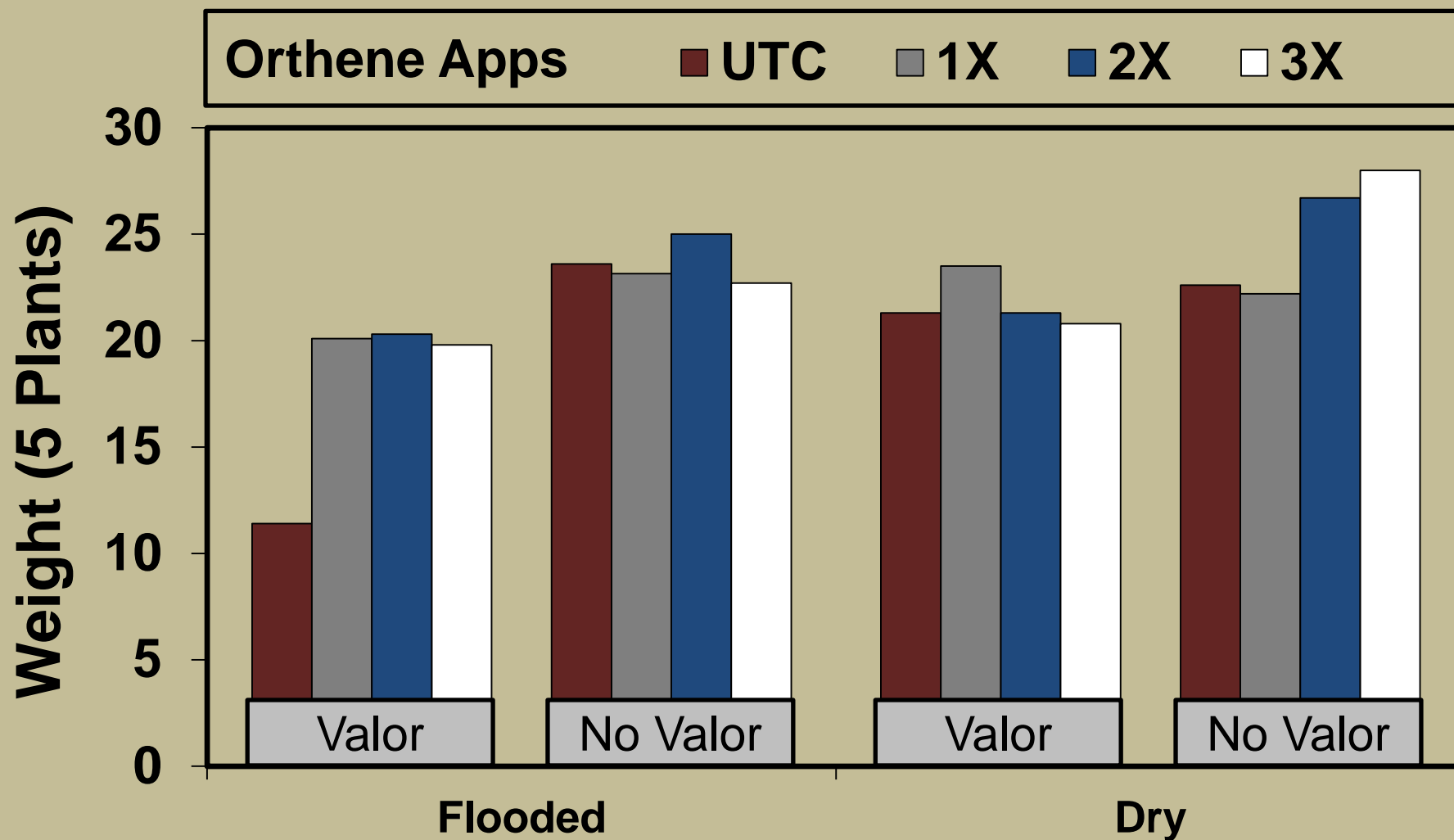


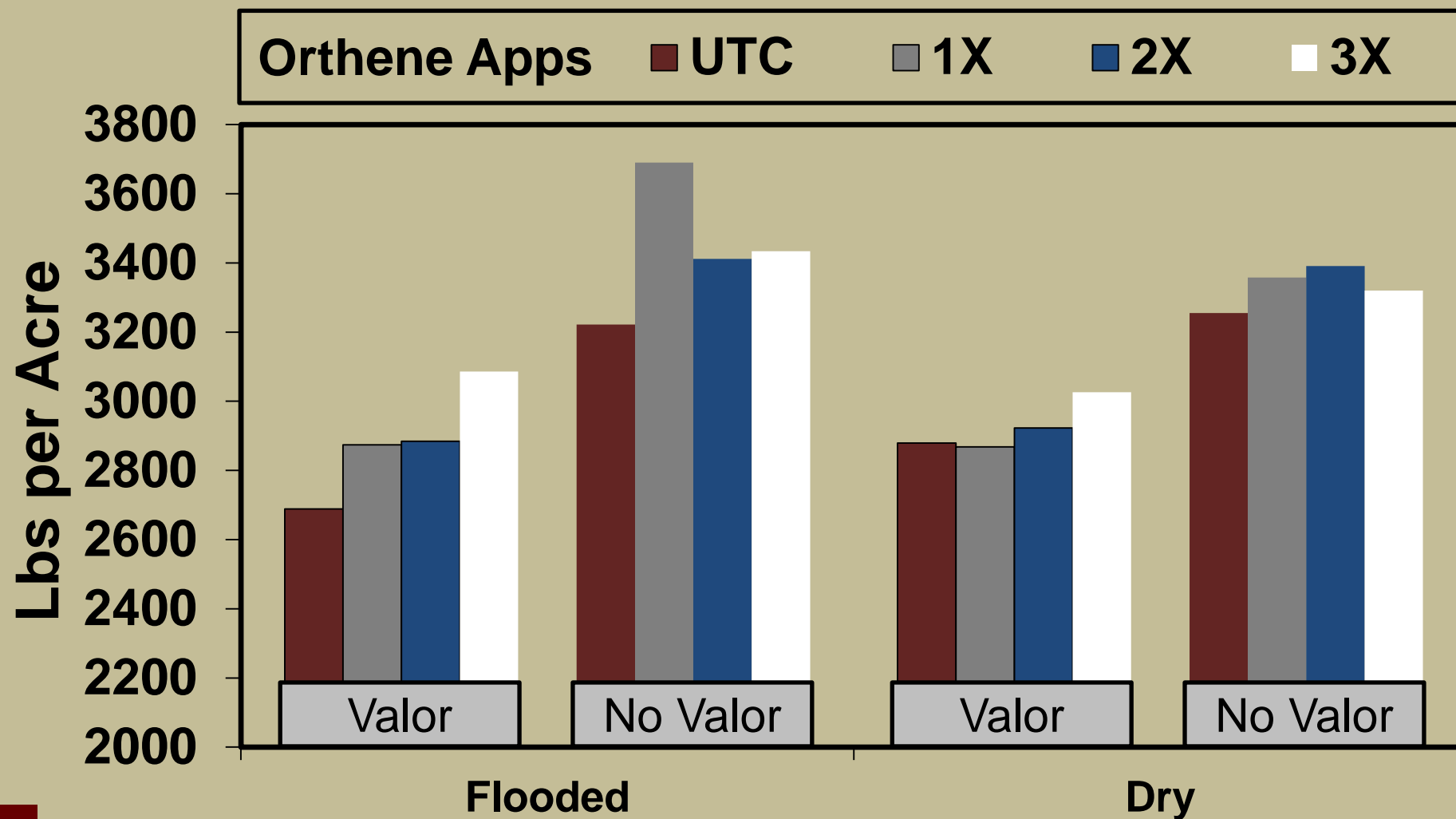




Thrips*Valor Interaction in Peanut 23 DAP



Thrips*Valor Interaction in Peanut Yield



Defoliating Caterpillars





0 Weeks



1 Week



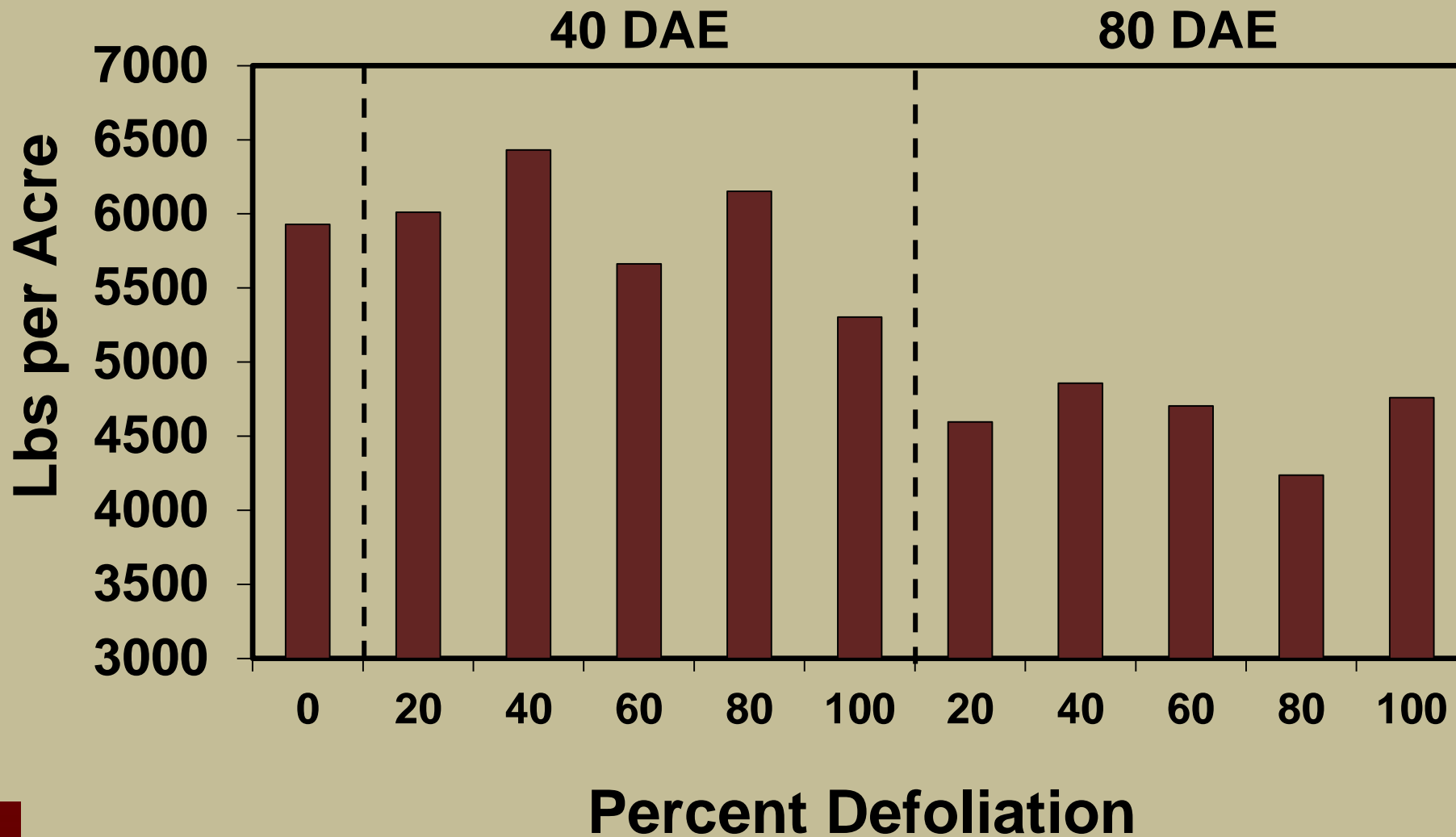
2 Weeks



3 Weeks

Impact of Defoliation Level on Peanut Yields

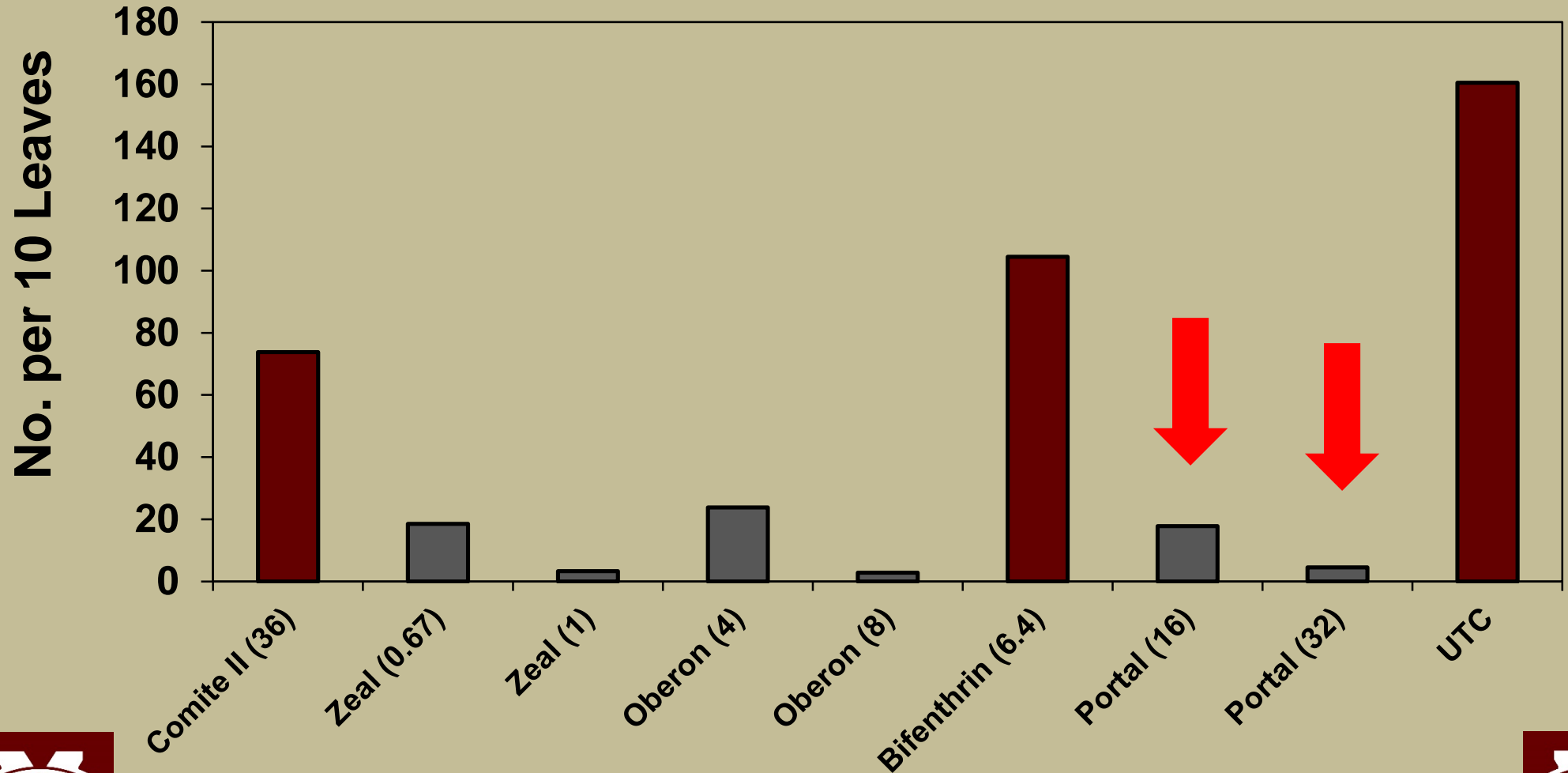
Stoneville 2015





Control of Spider Mites in Peanut

14 DAT



POLLINATOR STEWARDSHIP COUNCIL, AMERICAN HONEY
PRODUCERS ASSOCIATION, NATIONAL HONEY BEE ADVISORY
BOARD, AMERICAN BEEKEEPING FEDERATION, THOMAS R. SMITH,
BRET L. ADEE, and JEFFERY S. ANDERSON,

Petitioners,

v.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, *et al.*,

Respondents,

and

DOW AGROSCIENCES,

Respondent-Intervenor.



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Counsel for Plaintiffs

THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF CALIFORNIA

JEFF ANDERSON, BRET ADEE, DAVID) Case No. 3:16-cv-68
HACKENBERG, POLLINATOR)
STEWARDSHIP COUNCIL, LUCAS)
CRISWELL, GAIL FULLER, AMERICAN) COMPLAINT FOR DECLARATORY
BIRD CONSERVANCY, CENTER FOR) AND INJUNCTIVE RELIEF
FOOD SAFETY, and PESTICIDE ACTION)
NETWORK OF NORTH AMERICA,)

Plaintiffs,

v.

GINA MCCARTHY, Administrator, United)
States Environmental Protection Agency, and)
UNITED STATES ENVIRONMENTAL)
PROTECTION AGENCY,)

Defendants.

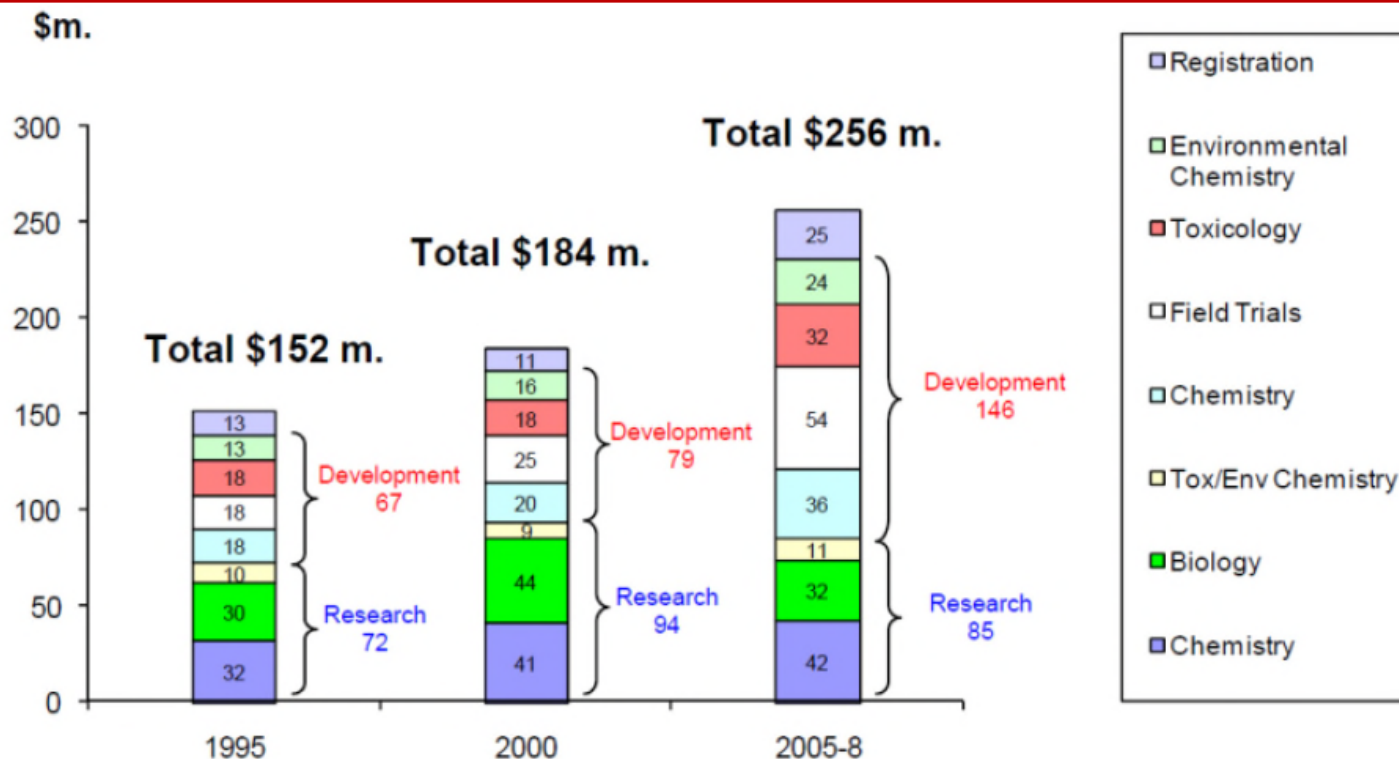
(a) Treated articles or substances. An article or substance treated with, or containing, a pesticide to protect the article or substance itself (for example, paint treated with a pesticide to protect the paint coating, or wood products treated to protect the wood against insect or fungus infestation), if the pesticide is registered for such use.

The “treated article” exemption regulation does not address pesticidal coated seeds of any kind.

Why is this important to me?

- Sets a precedent
- Neonicotinoids:
 - Cruiser, Nipsit, Belay, Endigo ZCX'
- Most pesticides will be reviewed
- New Registrations????

Discovery and Development Costs



Crop Protection Product Discovery and Development Lead Time

	1995	2000	2005-8
Number of years between the first synthesis and the first sale of the product	8.3	9.1	9.8



What are the challenges?

Pests are likely to be a significant contributor of economic losses every year.

The necessary tools are being lost and are not likely to be replaced soon enough with the current regulatory restrictions.



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