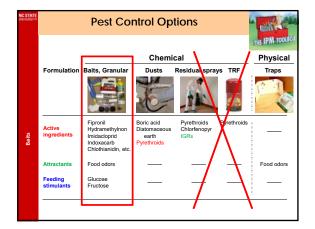
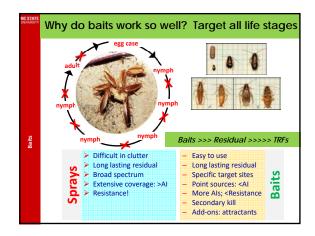
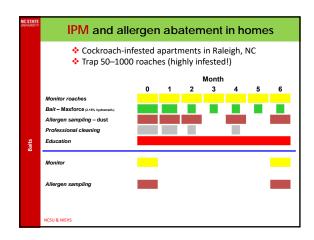


NC STATE UNIVERSETY	Comparative efficacy of total release foggers and baits in relation to insecticide resistance		
	Total Release Foggers	Gel Baits	
	No efficacy:	Highly efficacious	
	On sentinels	 Population reduction 	
	On apartment roaches	 Long-term efficacy 	
TRES	High resistance, few options	Low resistance, many options	
	No change in allergens	Allergen reduction	
Baits	Cost: \$7 – 14 (but zero efficacy!)	\$7 – 14 (for 6 months to 1 year)	
	Labor: Very high (preparation, pets, vacating the home for 4-6 hours, cleanup)	Low : 30 – 45 min	
	Pesticide residues: Extensive , long lasting	Minimal , mainly due to translocation by roaches	

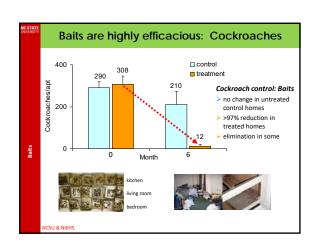


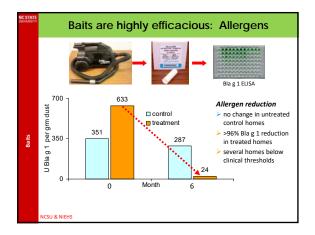


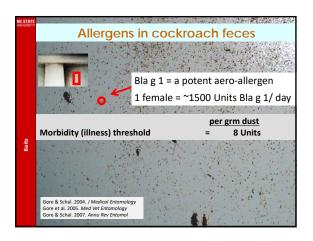


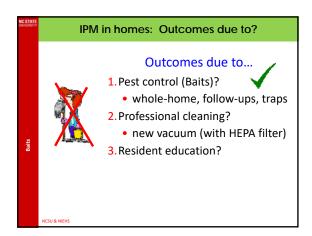


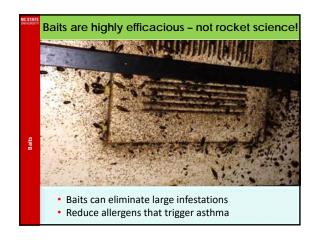


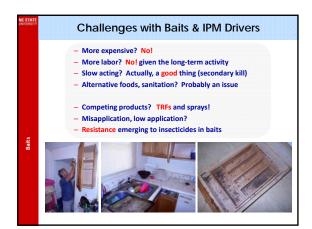


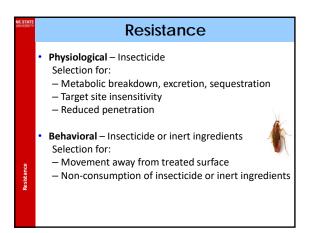


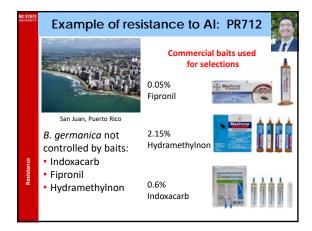


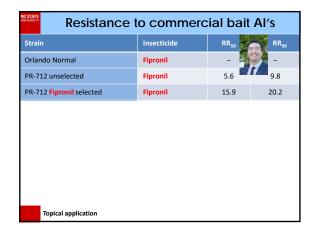












Strain	Insecticide	RR ₅₀	RR ₉₀
Orlando Normal	Fipronil	- 1	=
PR-712 unselected	Fipronil	5.6	9.8
PR-712 Fipronil selected	Fipronil	15.9	20.2
Orlando Normal	Indoxacarb	-	-
PR-712 unselected	Indoxacarb	23.2	391
PR-712 Indoxacarb selected	Indoxacarb	~13,000	~54,000

