

Corn Insects: Management Options for Maximizing Profits



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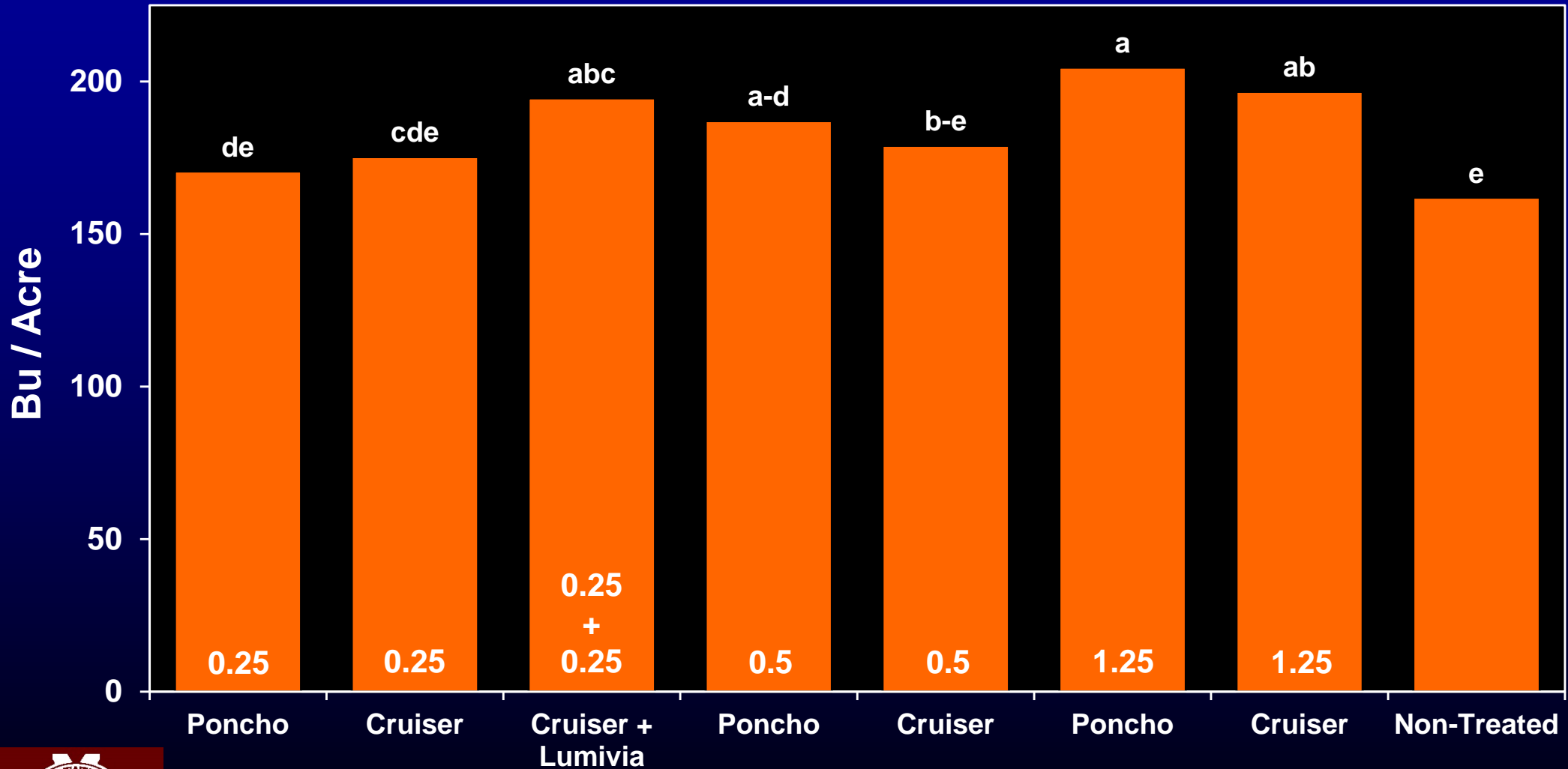
Don Cook

DELTA
REC

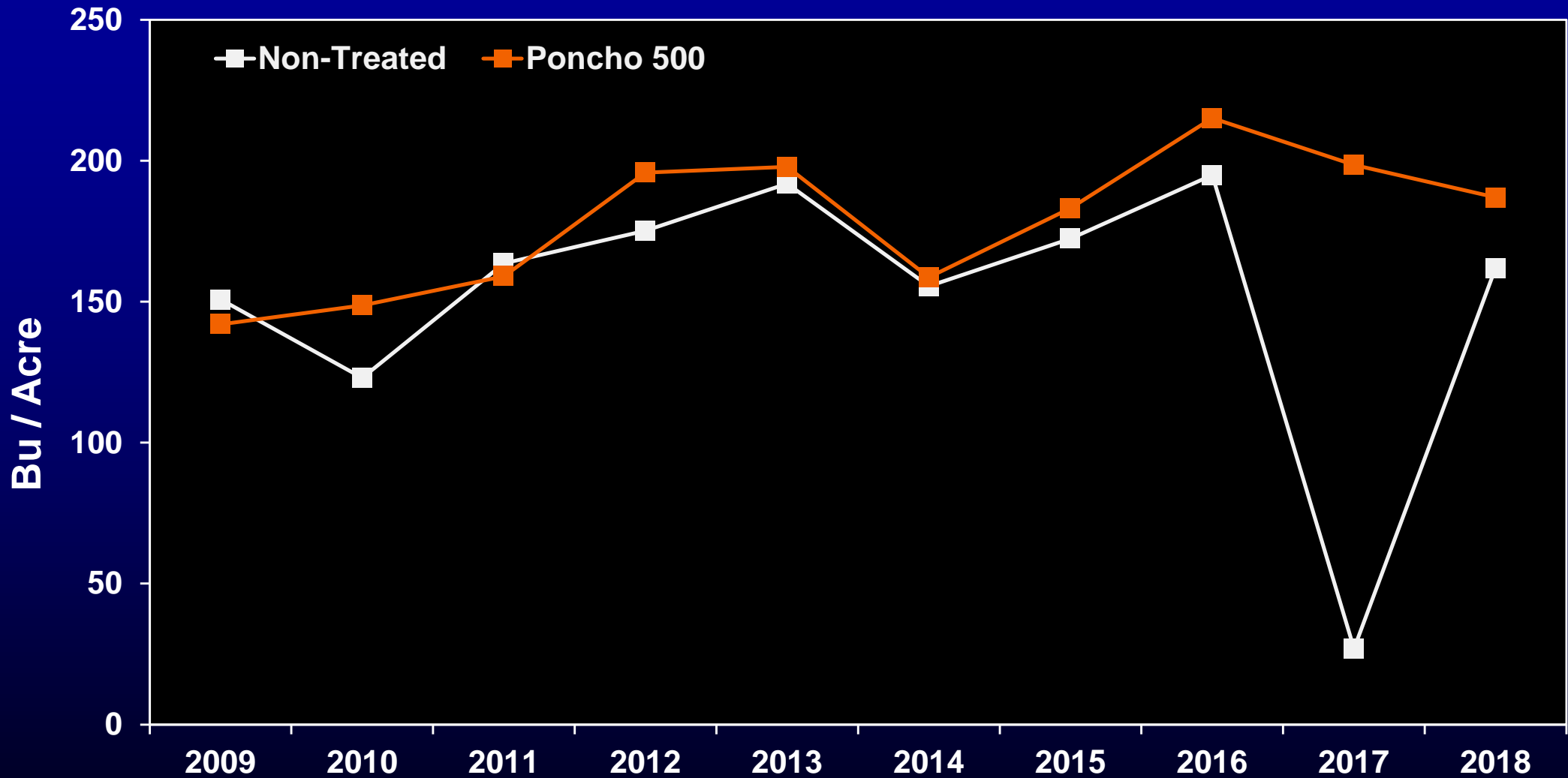




Impact of Corn Seed Treatments on Yield



Impact of Corn Seed Treatments on Yield

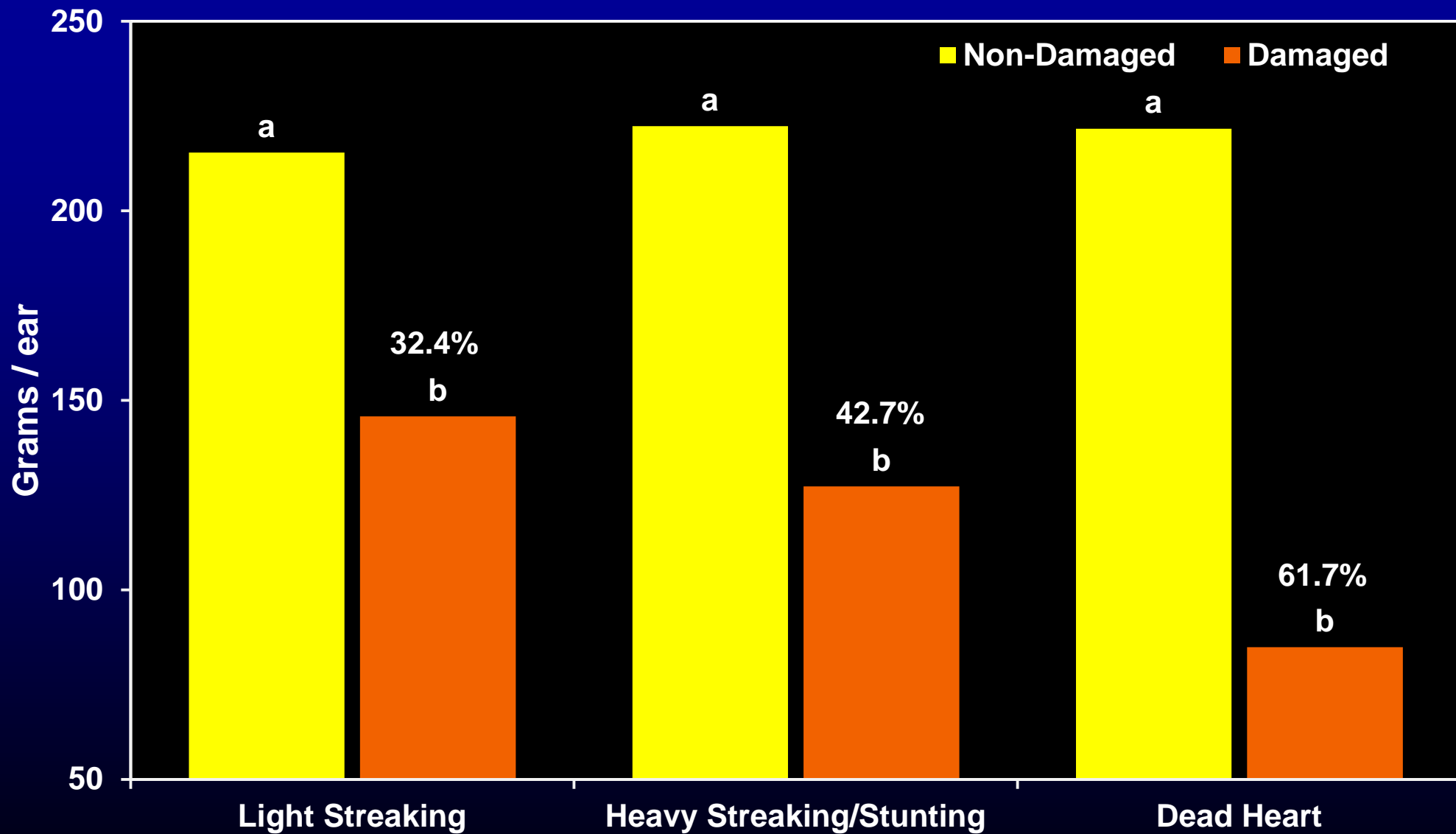




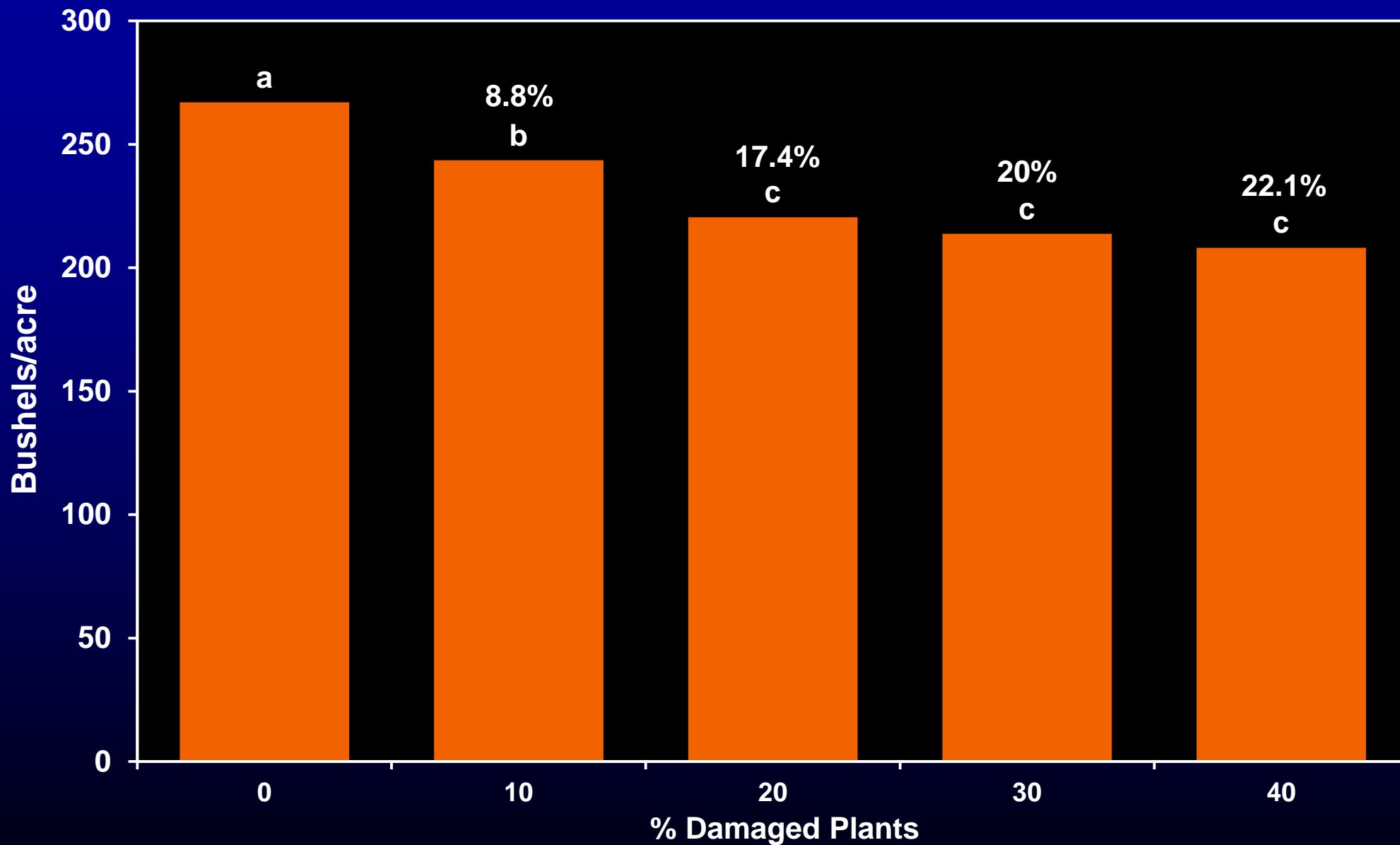




Impact of Stink Bug Injury on Field Corn Yield

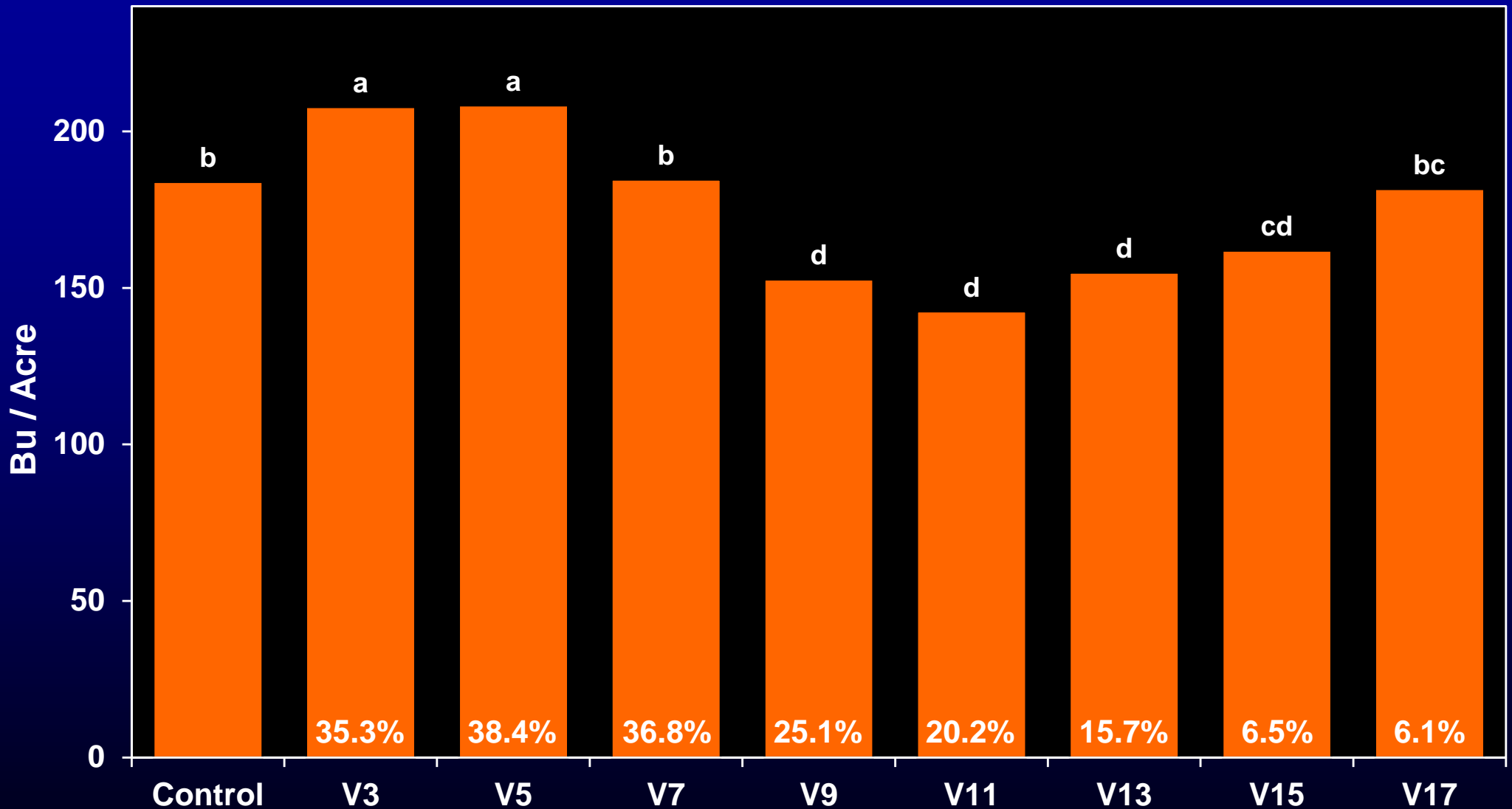


Impact of Stink Bug Injury on Field Corn Yield

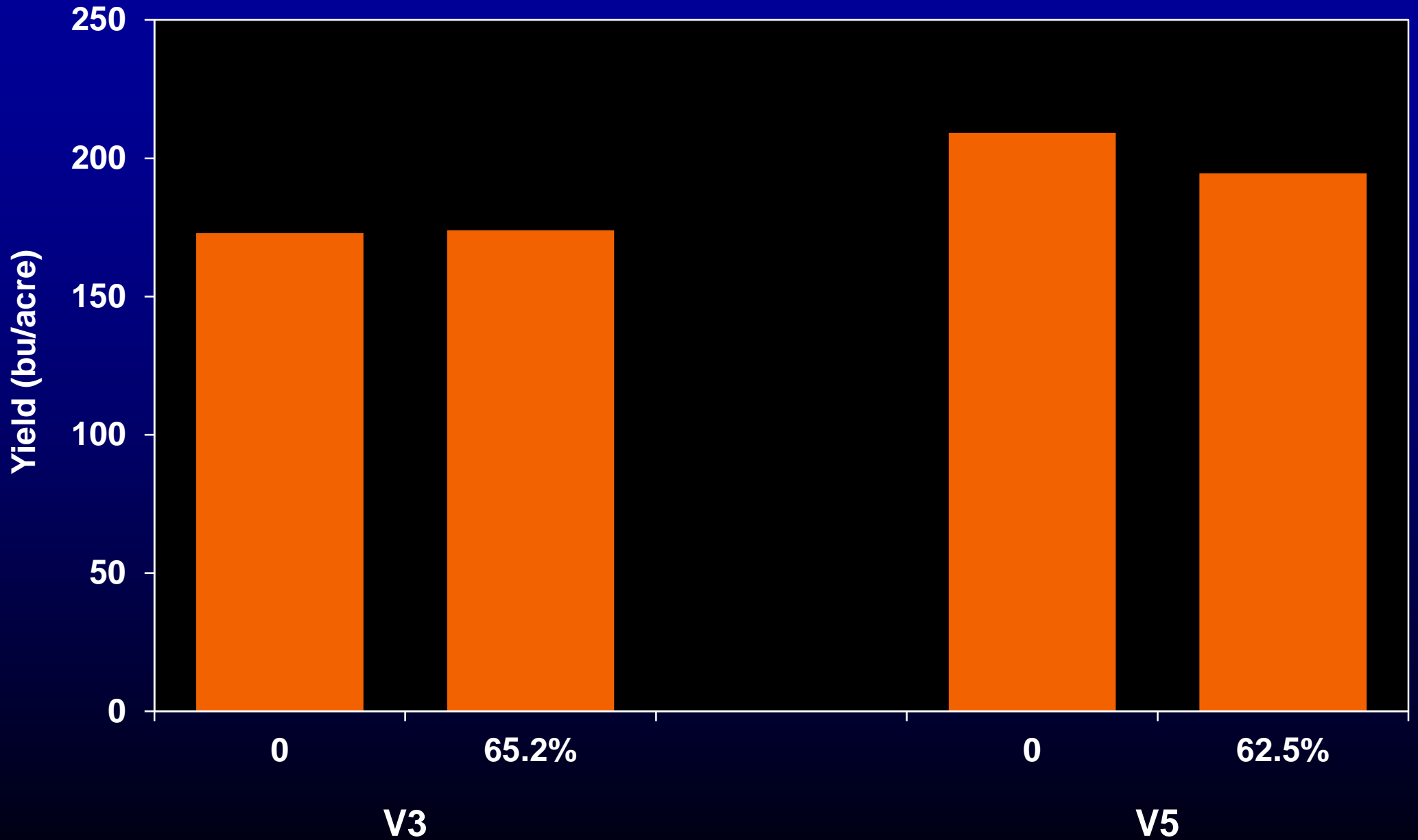




Impact of Defoliation on Yield

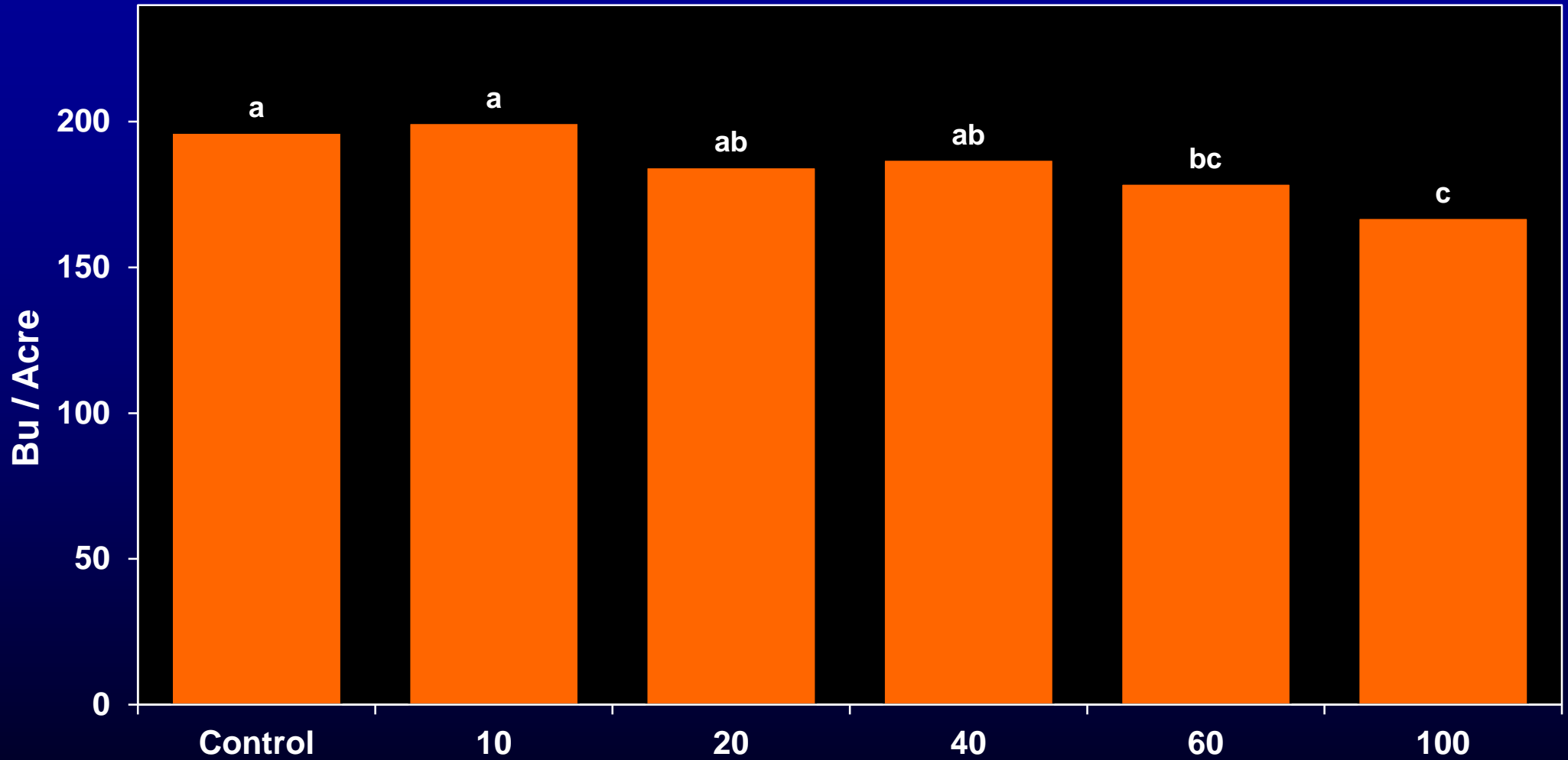


Impact of Defoliation at V3 and V5

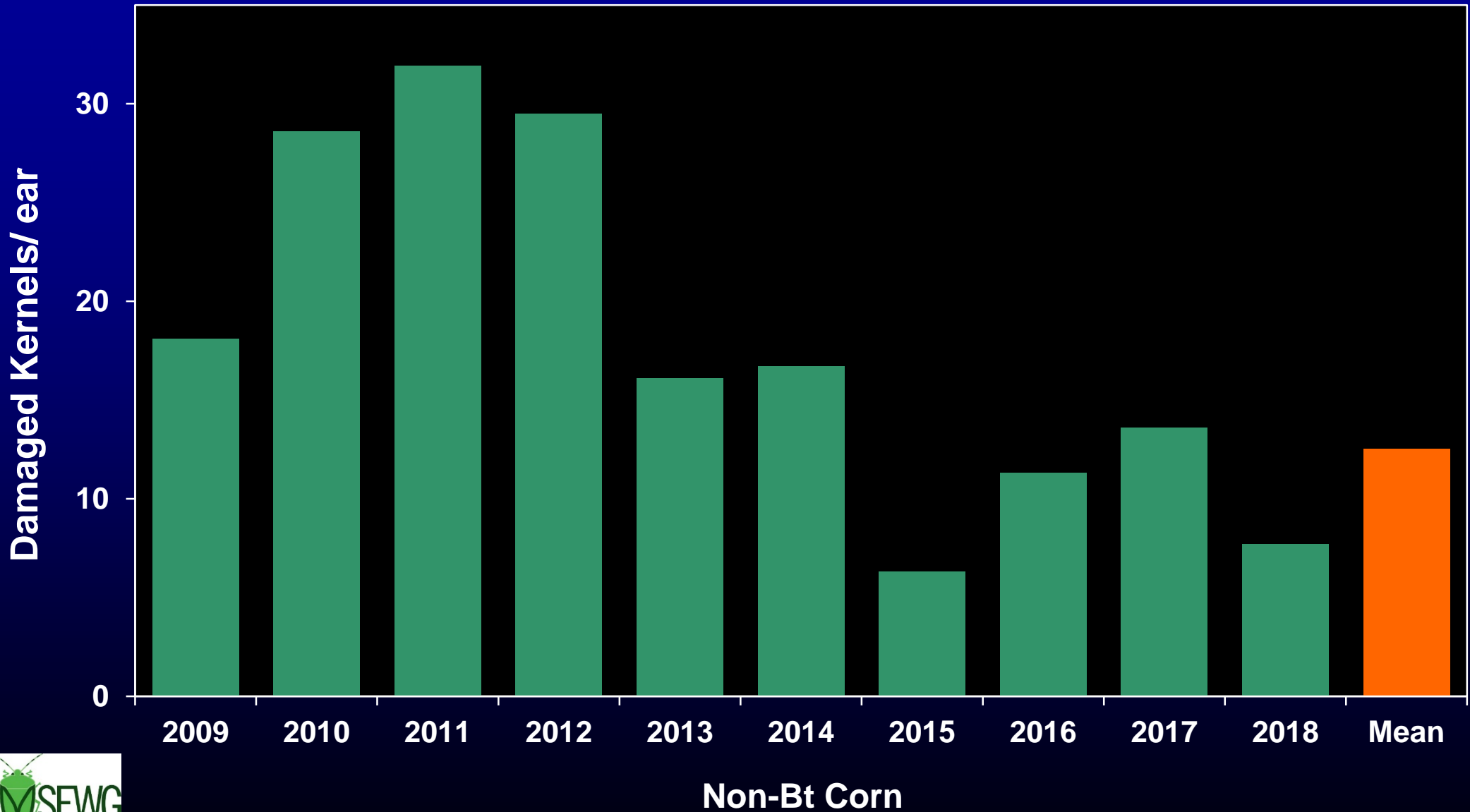




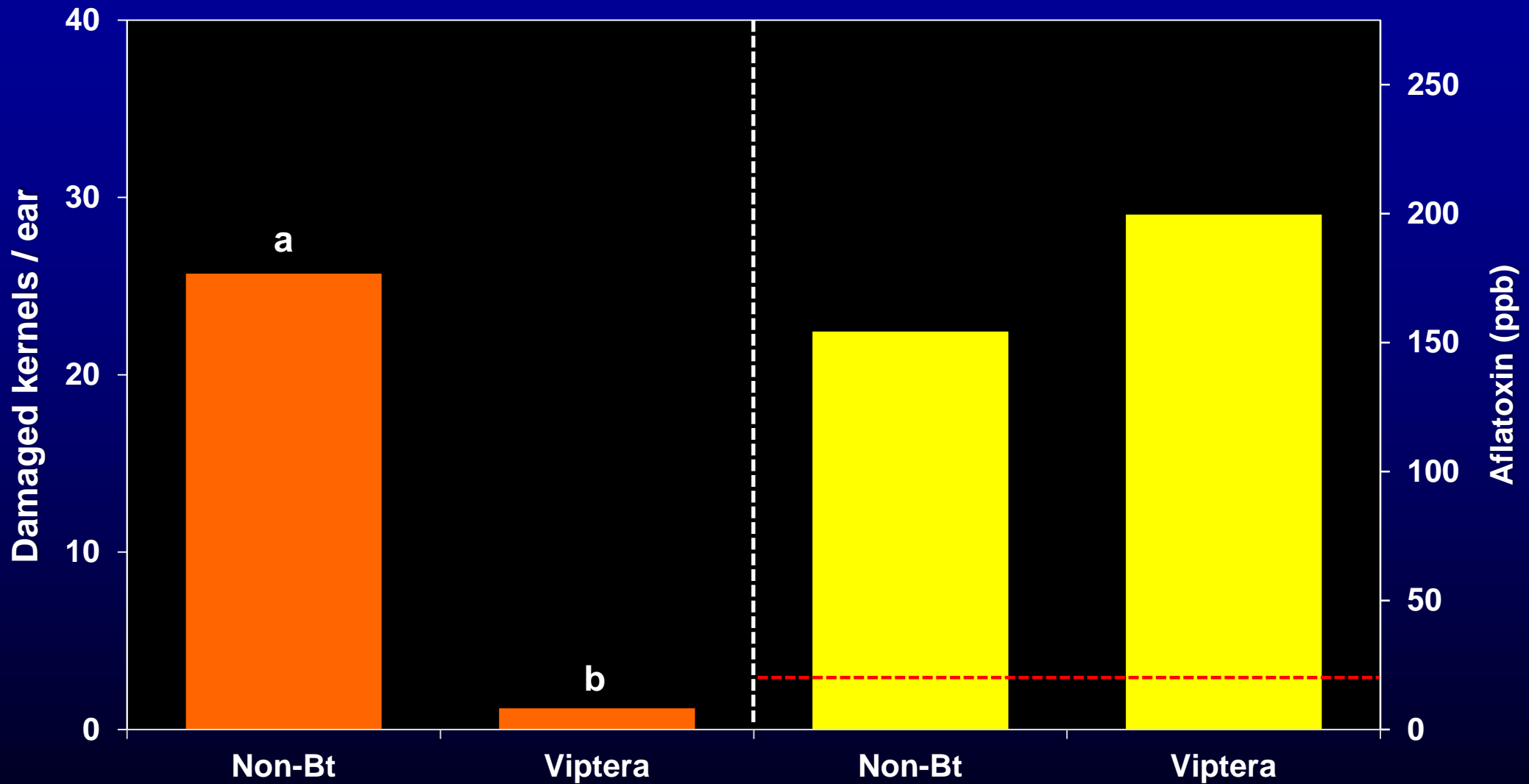
Impact of Kernel Damage on Yield



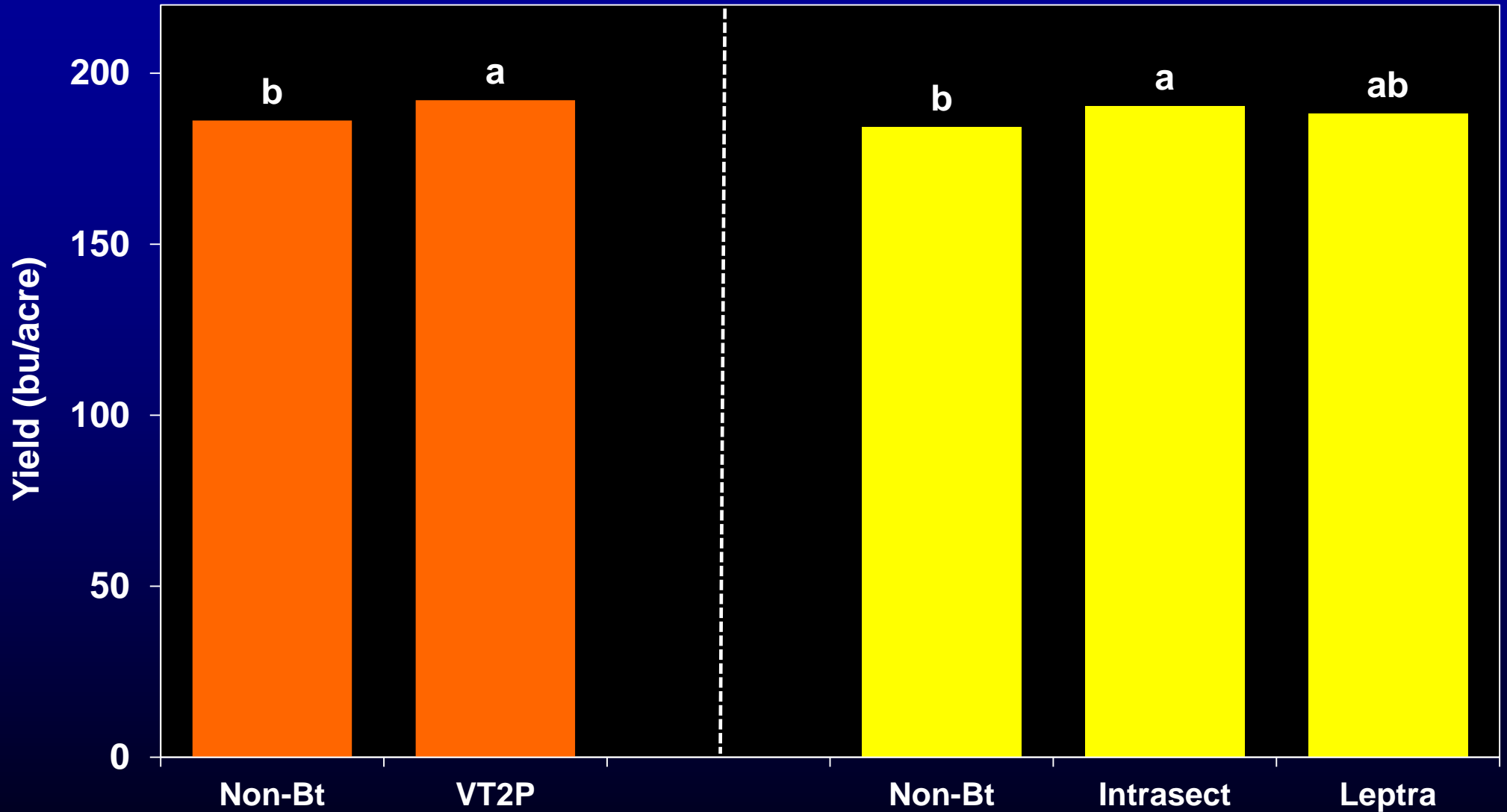
Kernel Damage from Natural Infestations



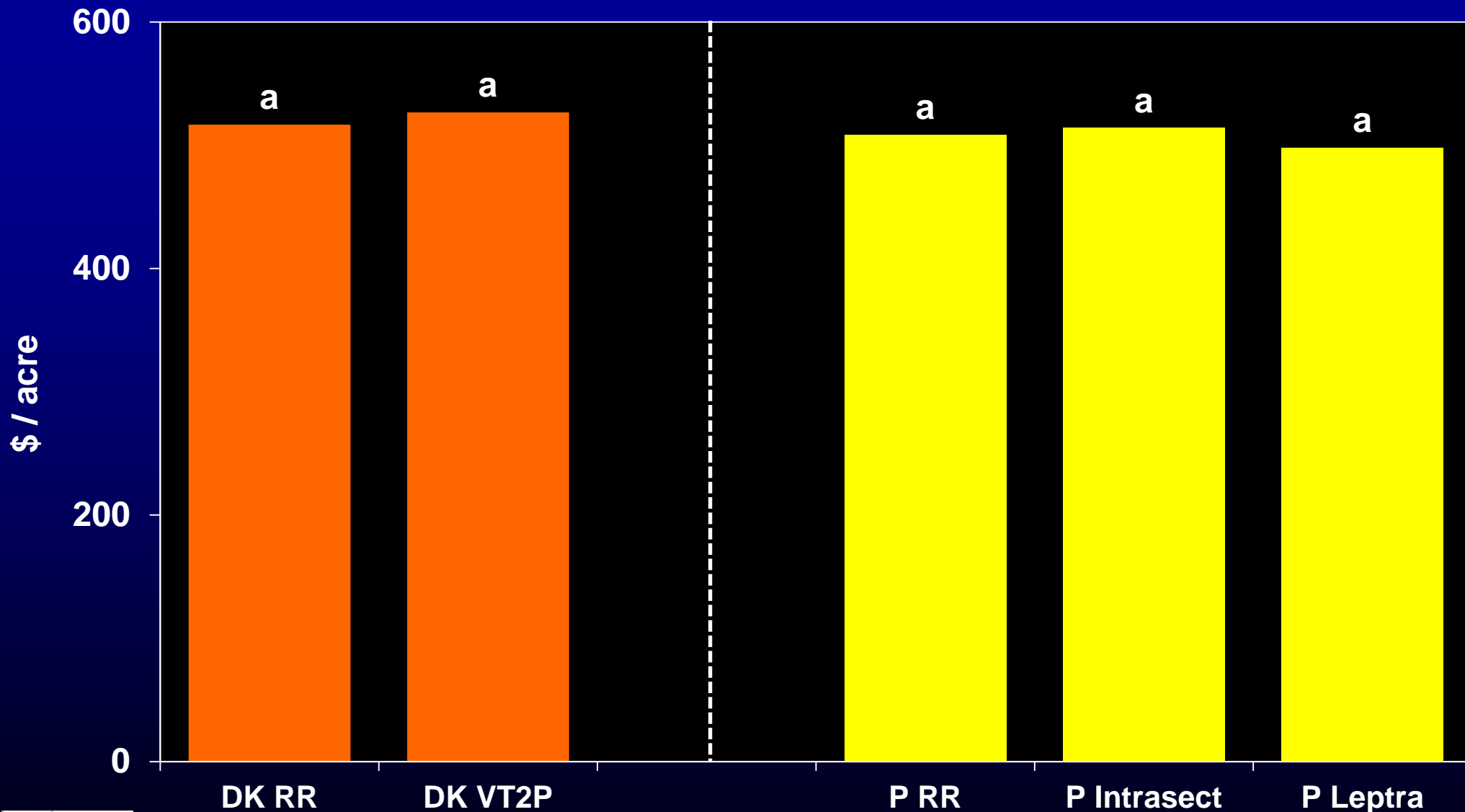
Corn Earworm Damage and Aflatoxin



Bt Corn Comparison



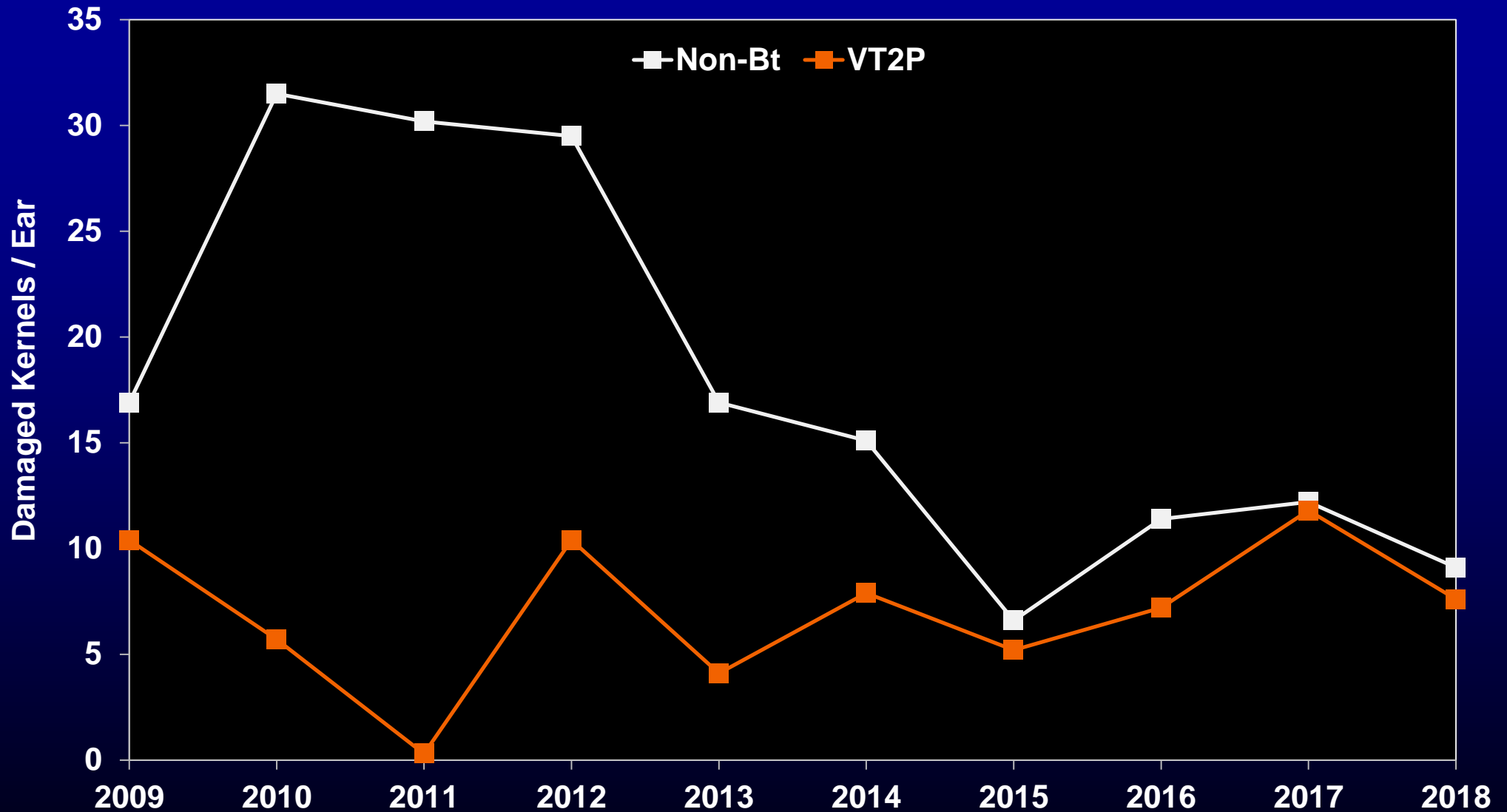
Impact of Bt Technologies on Returns



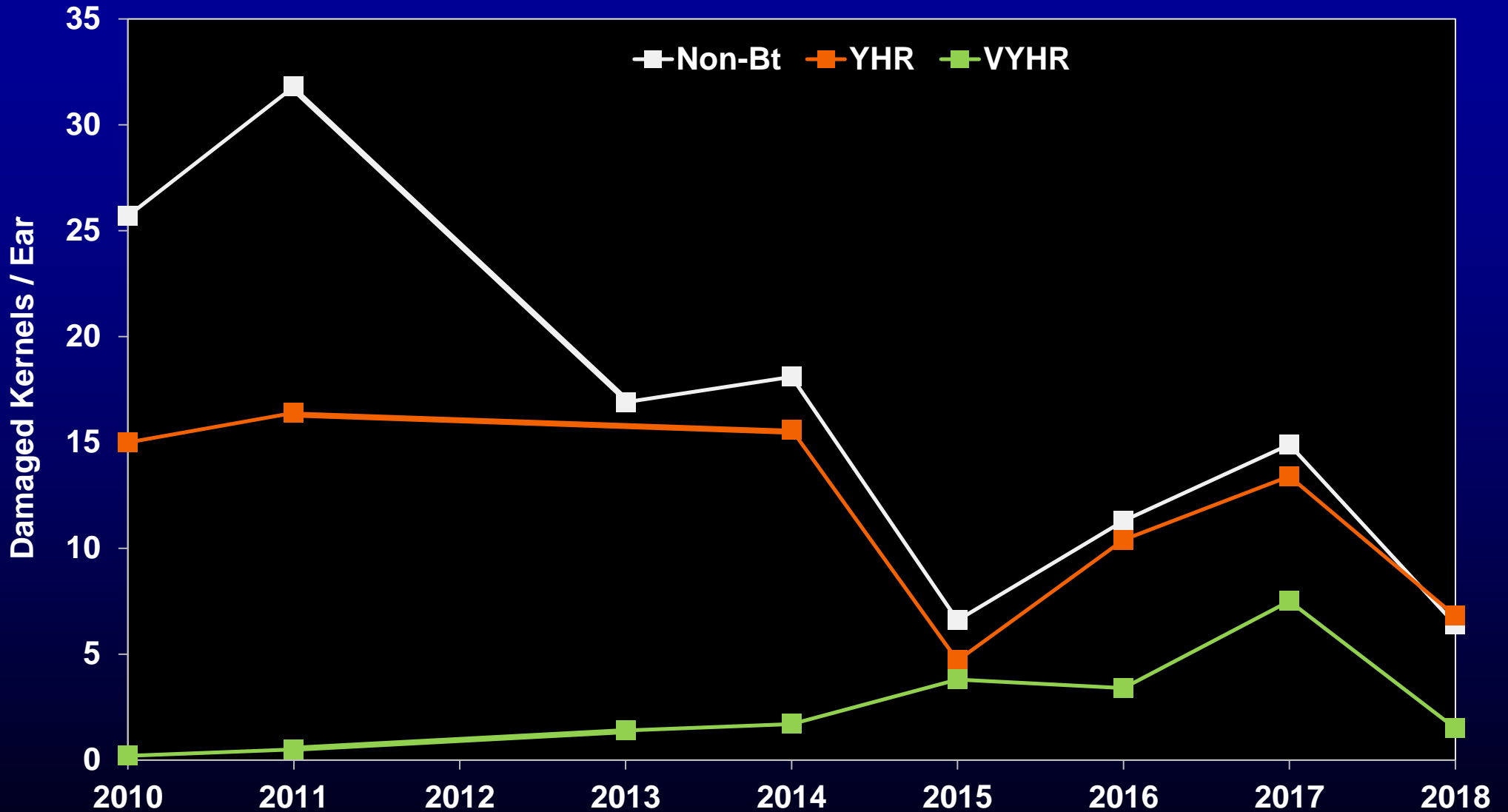




Corn Kernel Damage Over Time



Corn Kernel Damage Over Time



Corn Borers



Corn Borers



Southwestern corn borer

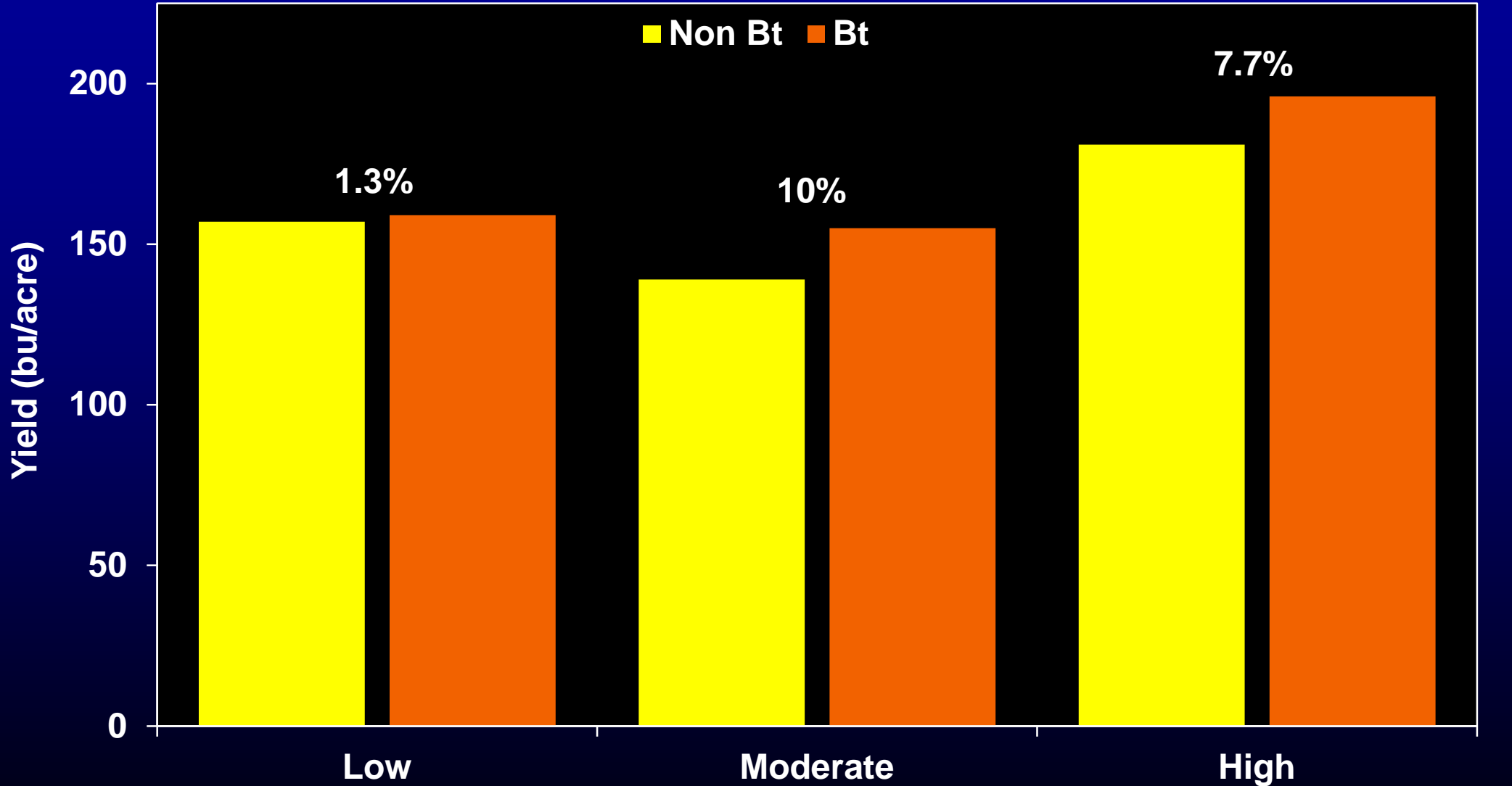
Sugarcane borer

European corn borer

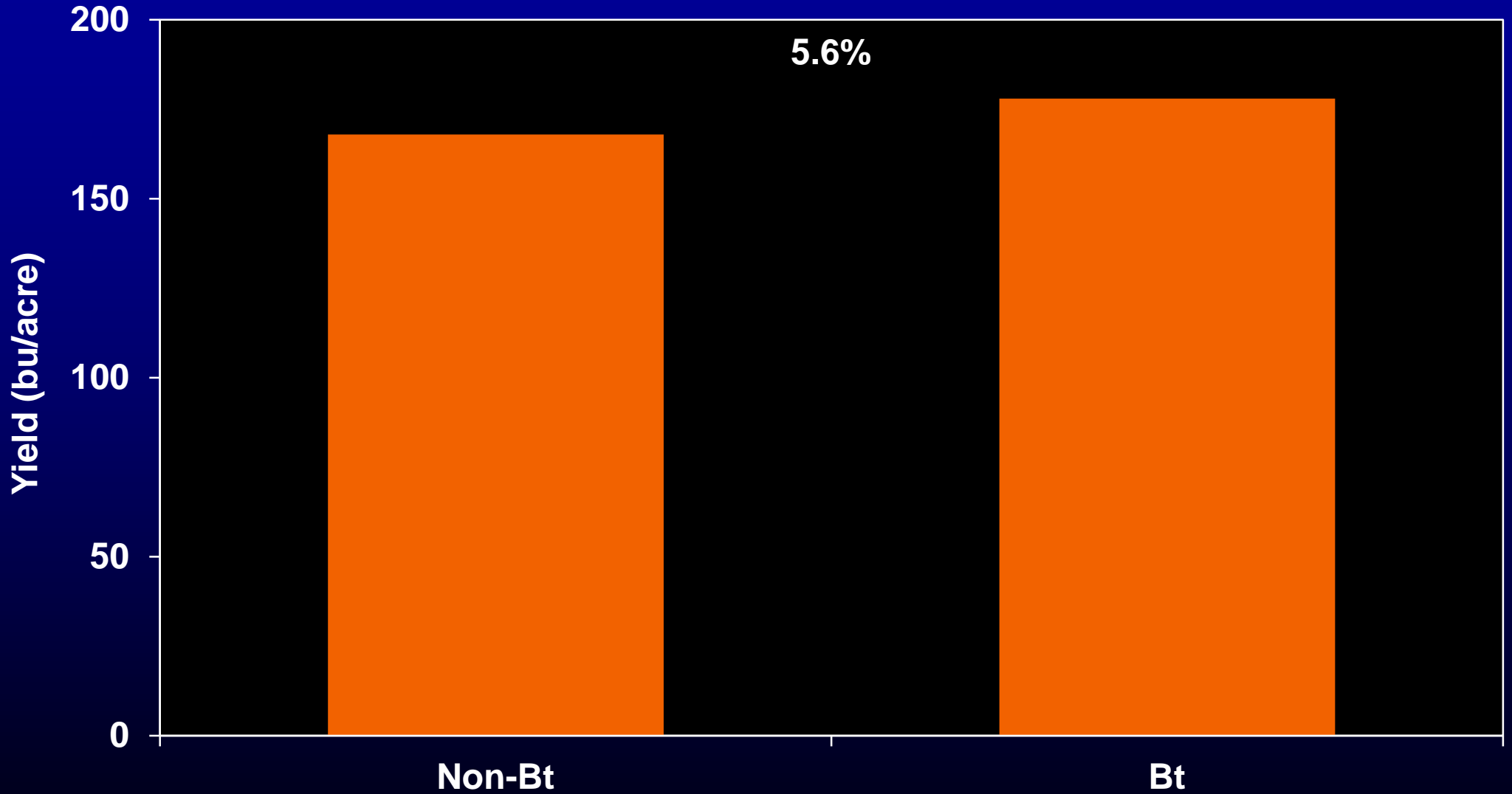




Impact of Corn Borer Infestations on Yield

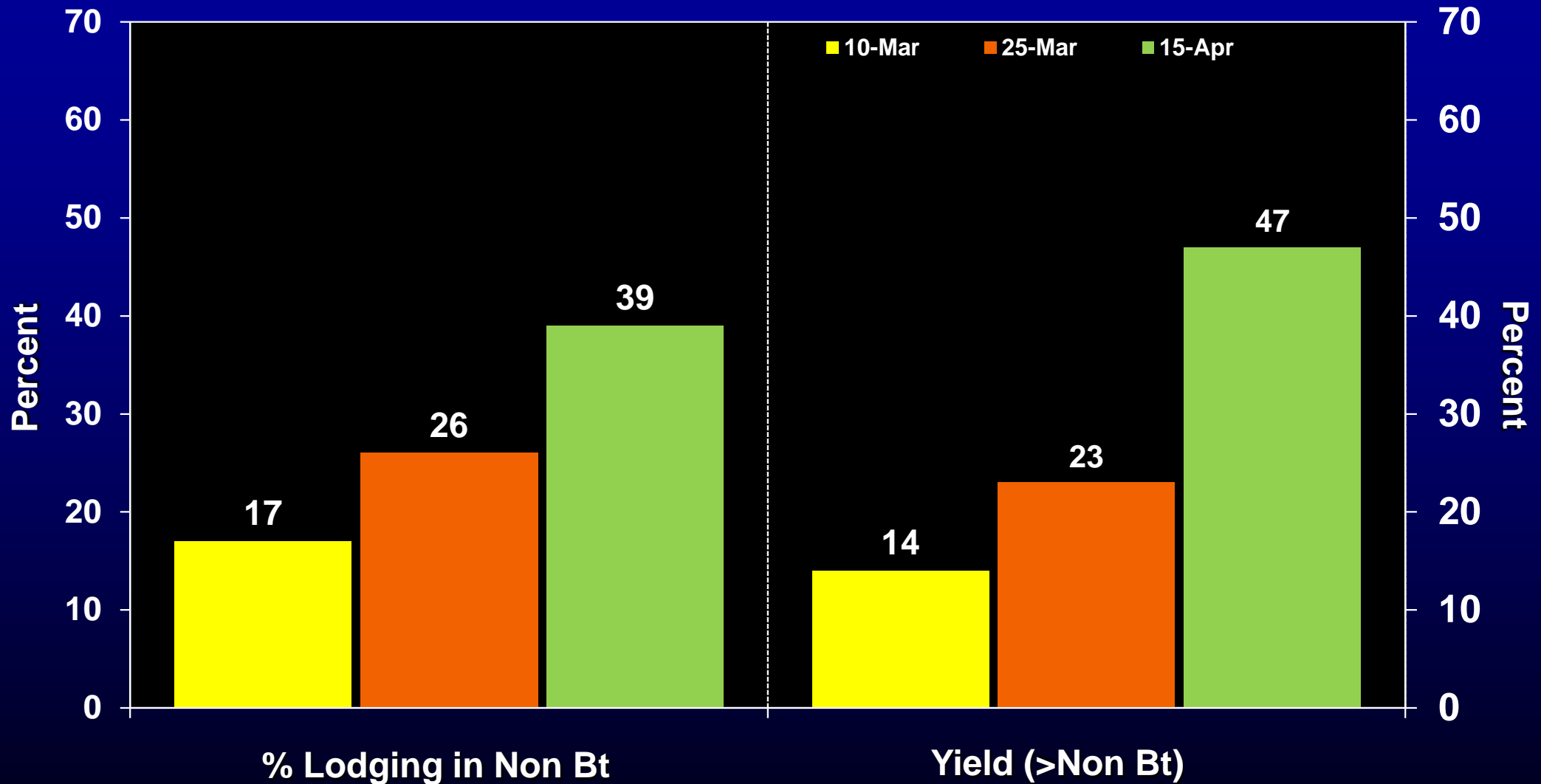


Impact of Corn Borer Infestations on Yield





Impact of Corn Borers on Yield



Southwestern Corn Borer Eggs



MS SWCB Recommendation

V1	V2	V _{nth}	VT	R1	R2	R3	R4	R5	R6
1 Leaf	2 Leaf	Nth Leaf	Tassel	Silk	Blister	Milk	Dough	Dent	Black Layer
<p>Treat 7-10 days after moth traps average <u>50</u> per trap on a <u>7 day catch</u> from V1-V_{nth} or when plants average <u>5 %</u> corn borer egg masses or larval infestations per plant.</p>				<p>Treat 7-10 days after moth traps average <u>100</u> per trap on a <u>7 day catch</u> from R1-R3 or when plants average <u>10 %</u> corn borer egg masses or larval infestations per plant.</p>			<p>Do Not Treat</p>		

