

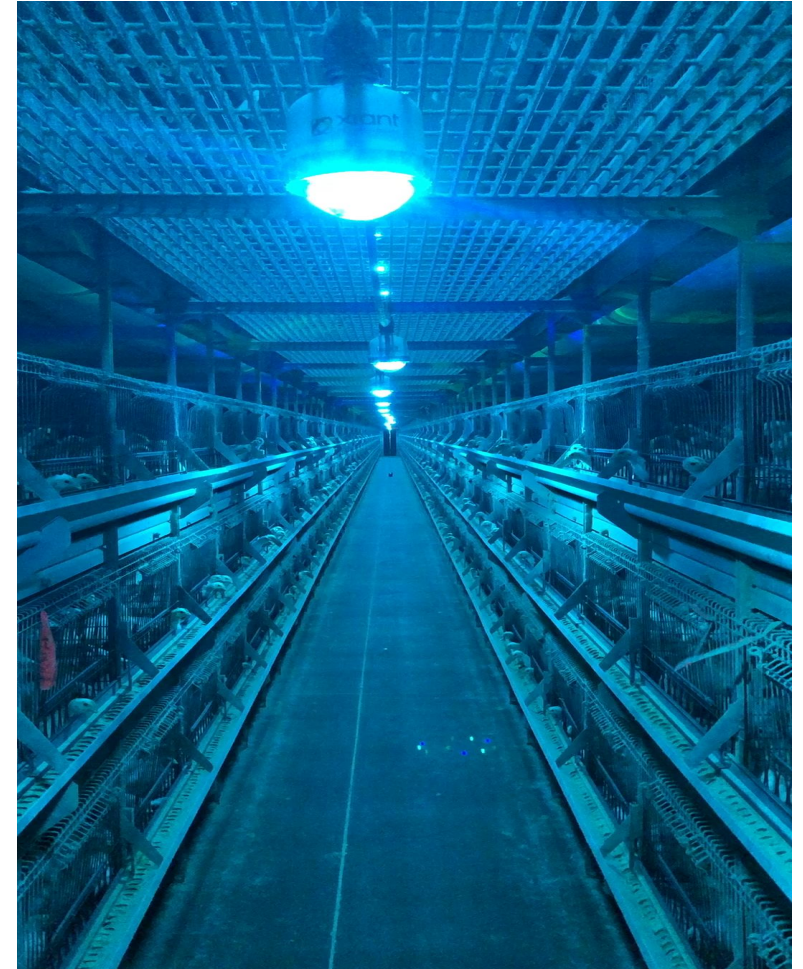
Commercial Data

Commercial barn with standard lighting



- Birds under XTI lighting are less agitated and more relaxed
- XTI barns have improved lighting conditions for workers and are less dusty

Commercial barn with XTI lighting



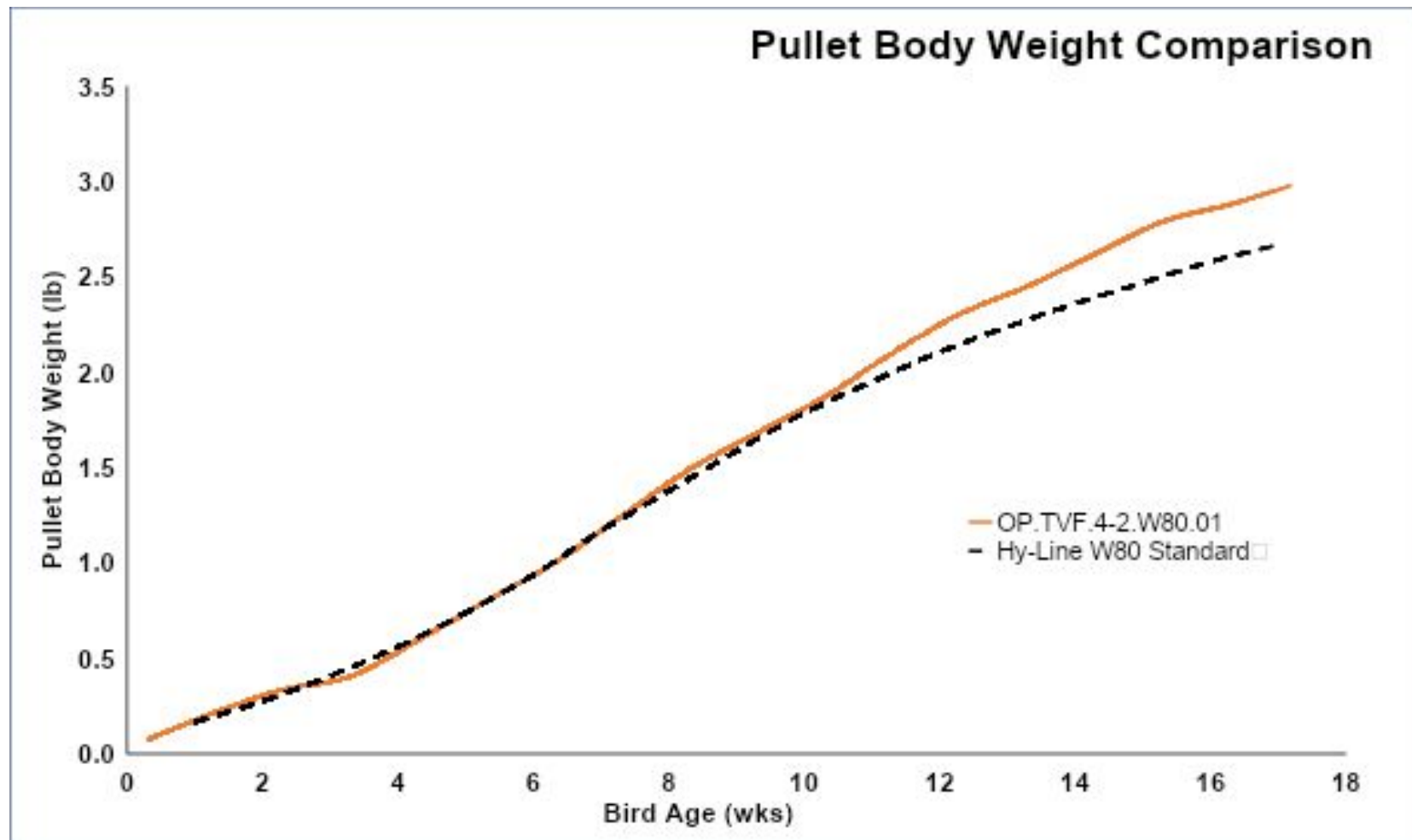
Commercial Pullet Growth

Birds: Hy-Line W80 @
commercial facility

Lighting:
XTI – 24hrs

Feed: Per commercial facility

- XTI lighting resulted in an **11.6% increase** in weight at 17 wks of age



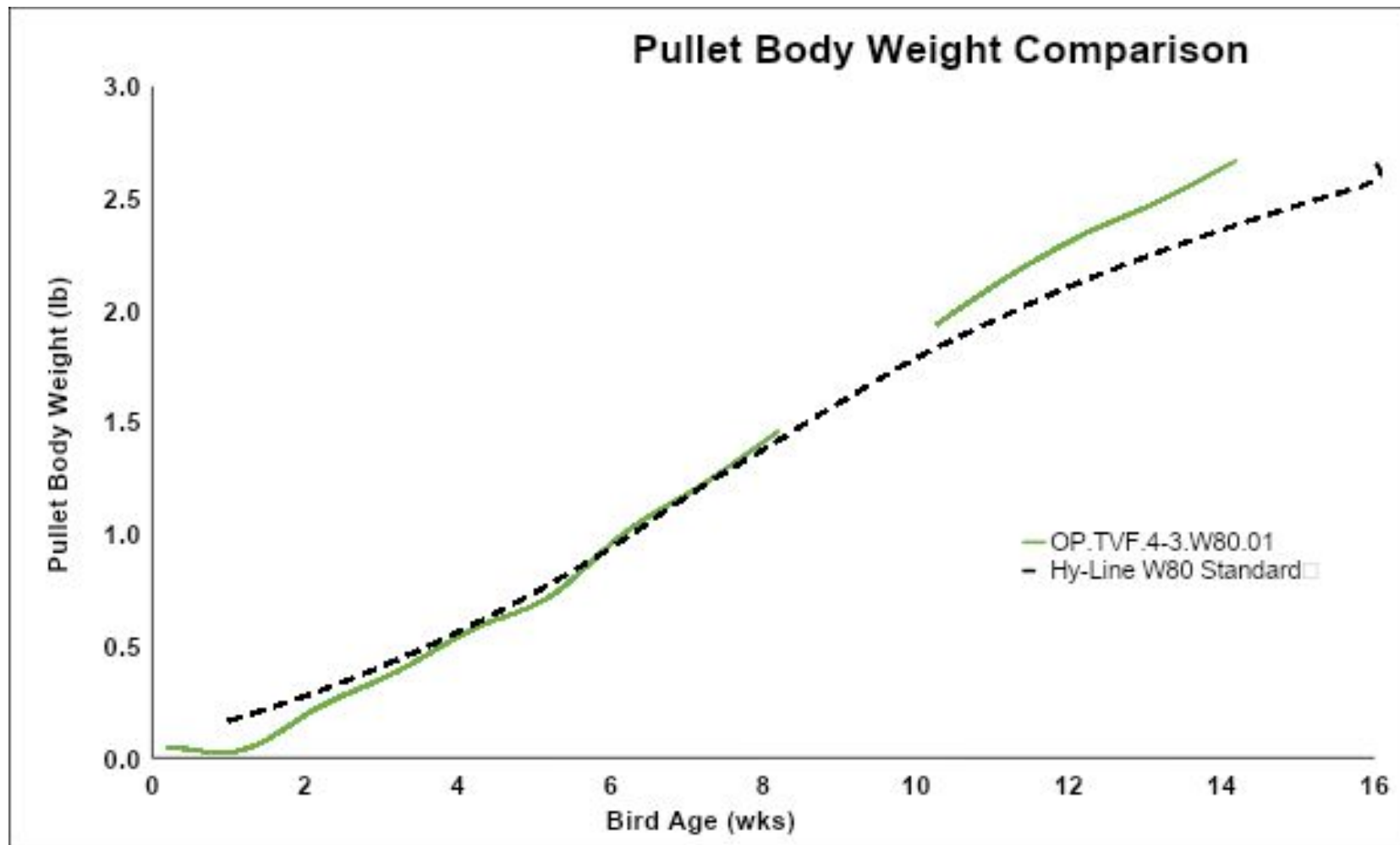
Commercial Pullet Growth

Birds: Hy-Line W80 @
commercial facility

Lighting:
XTI – 24hrs

Feed: Per commercial facility

- XTI lighting resulted in an **13.1% increase** in weight at 14 wks of age



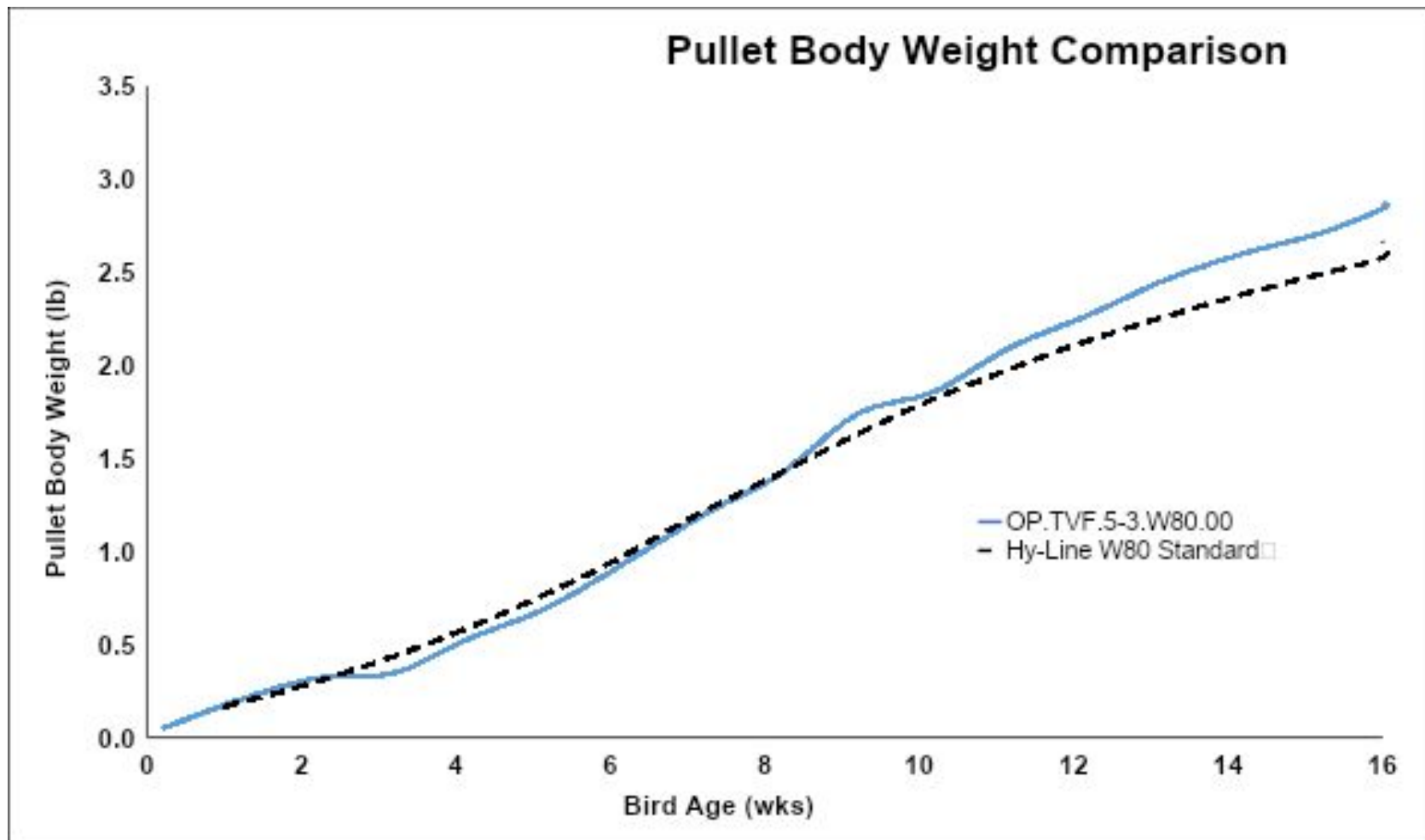
Commercial Pullet Growth

Birds: Hy-Line W80 @
commercial facility

Lighting:
XTI – 24hrs

Feed: Per commercial facility

- XTI lighting resulted in an **9.7% increase** in weight at 15 wks of age



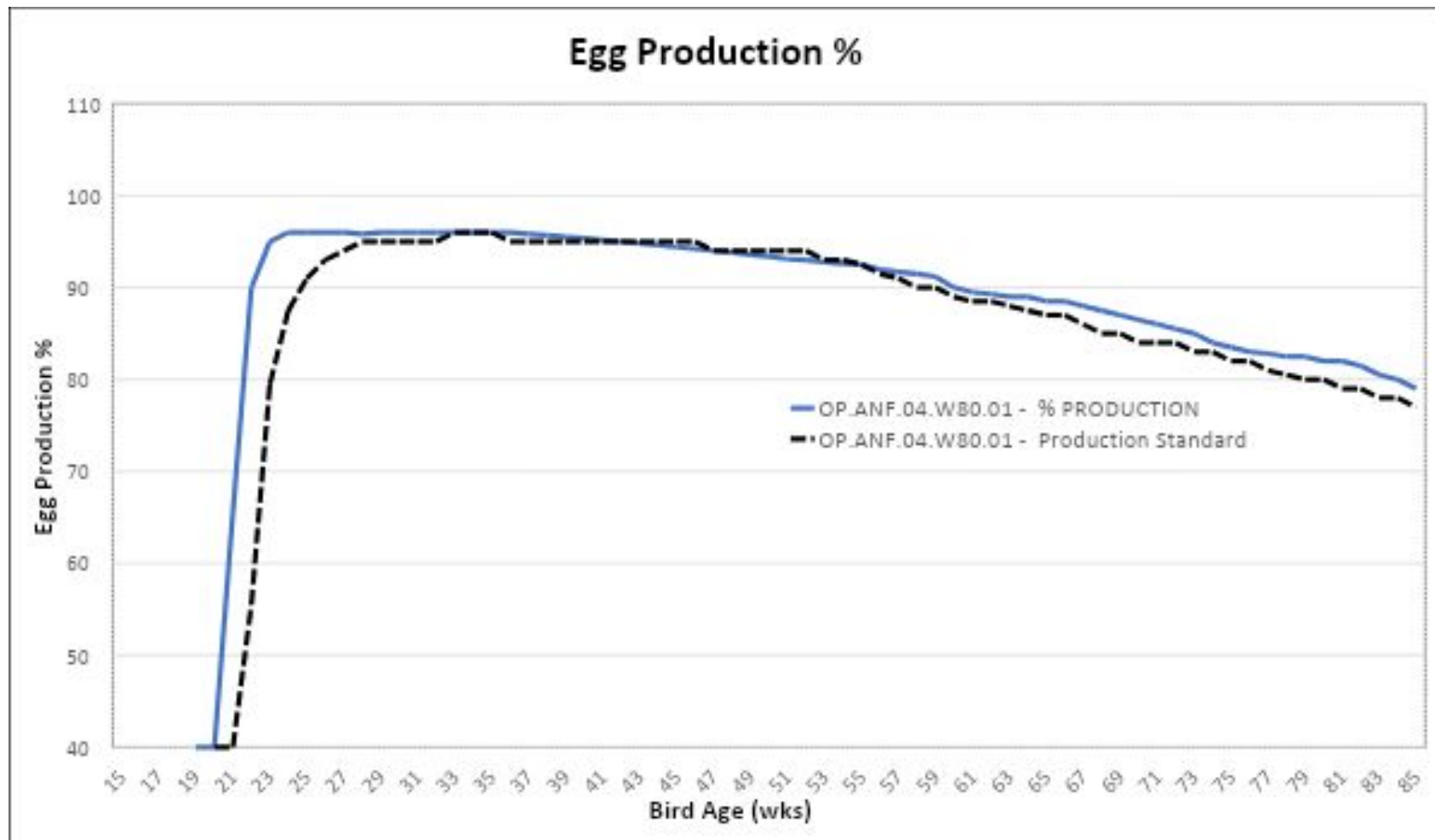
Commercial Lay Data

Birds: Hy-Line W80 @
commercial facility

Lighting:
XTI – 17hrs

Feed: Per commercial facility

- XTI lighting showed better early production with slower decline in egg laying with aging birds



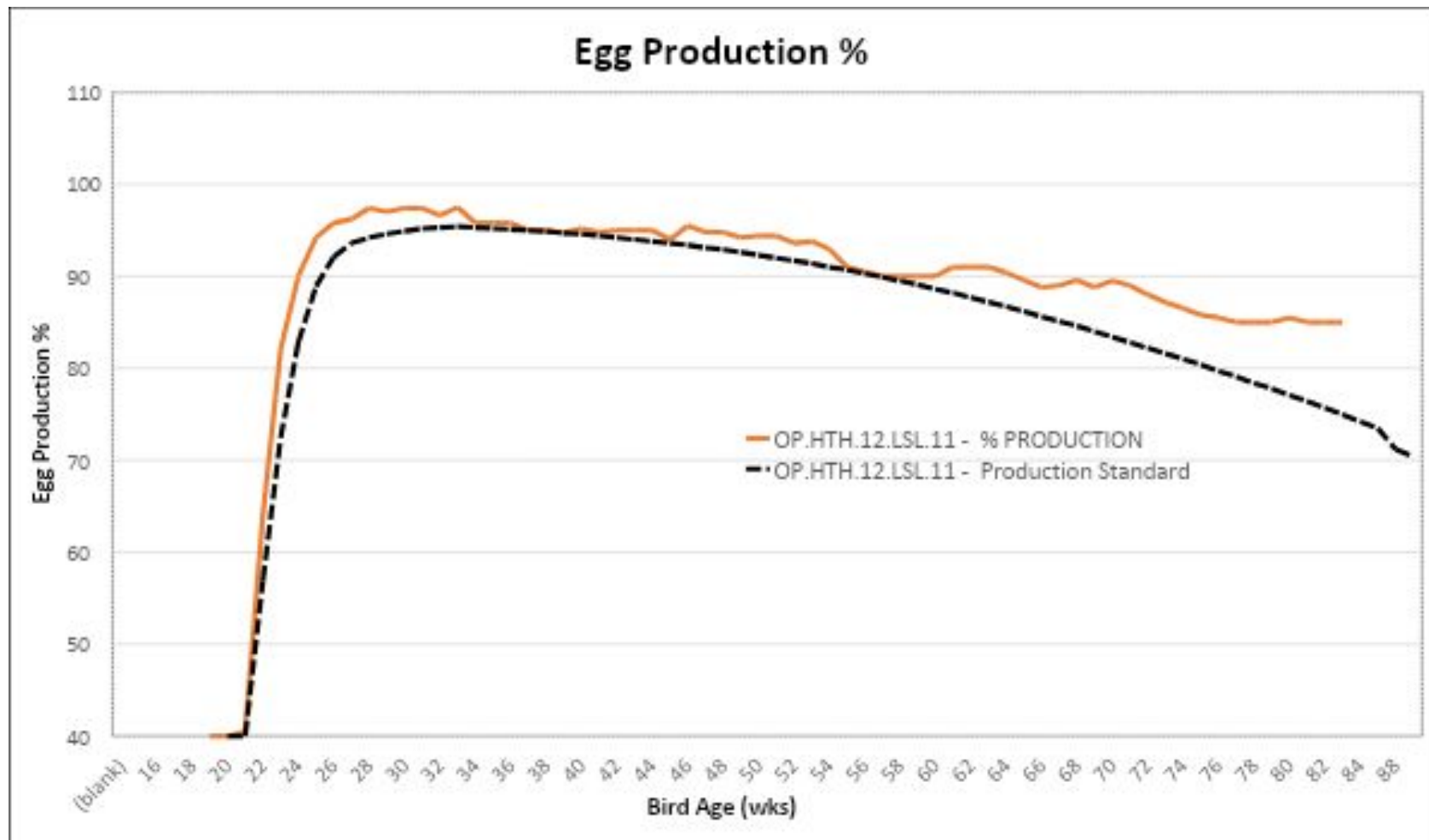
Commercial Lay Data

Birds: LSL @ commercial facility

Lighting:
XTI – 17hrs

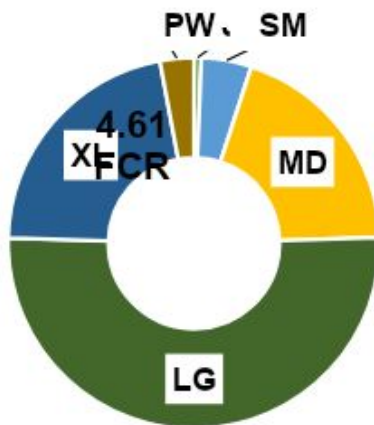
Feed: Per commercial facility

- XTI lighting showed better early production with slower decline in egg laying with aging birds



Commercial Lay Data

XTI Egg Size Distribution

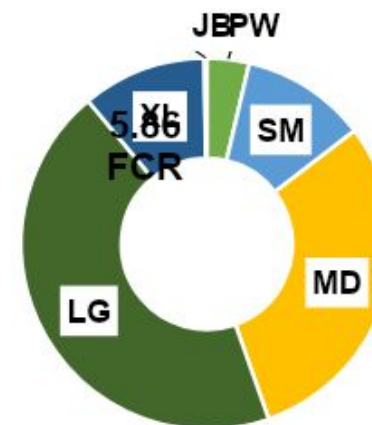


Birds: LSL birds at 200,000 bird commercial facility through 40 wks

Lighting: XTI – 17hrs

Feed: Per commercial facility

LSL Breed Std Egg Size Distribution



- Birds under XTI lighting had more large, extra-large, and jumbo eggs with fewer small and medium eggs
- XTI lighting improved FCR

Commercial Lay Data

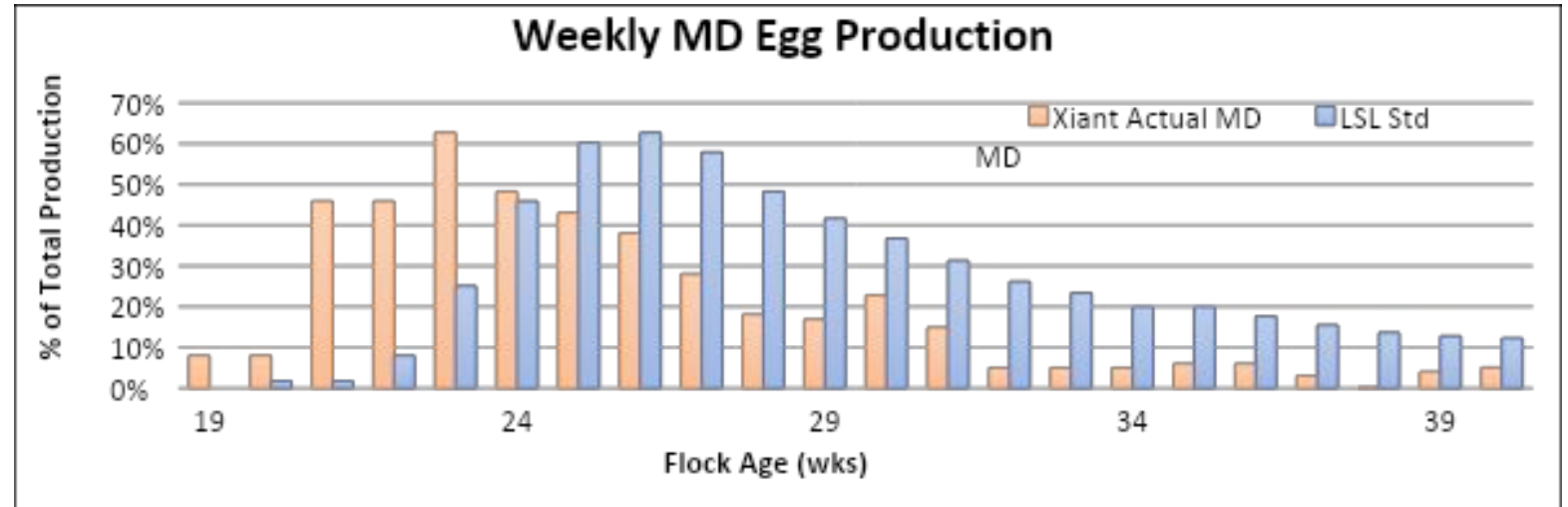
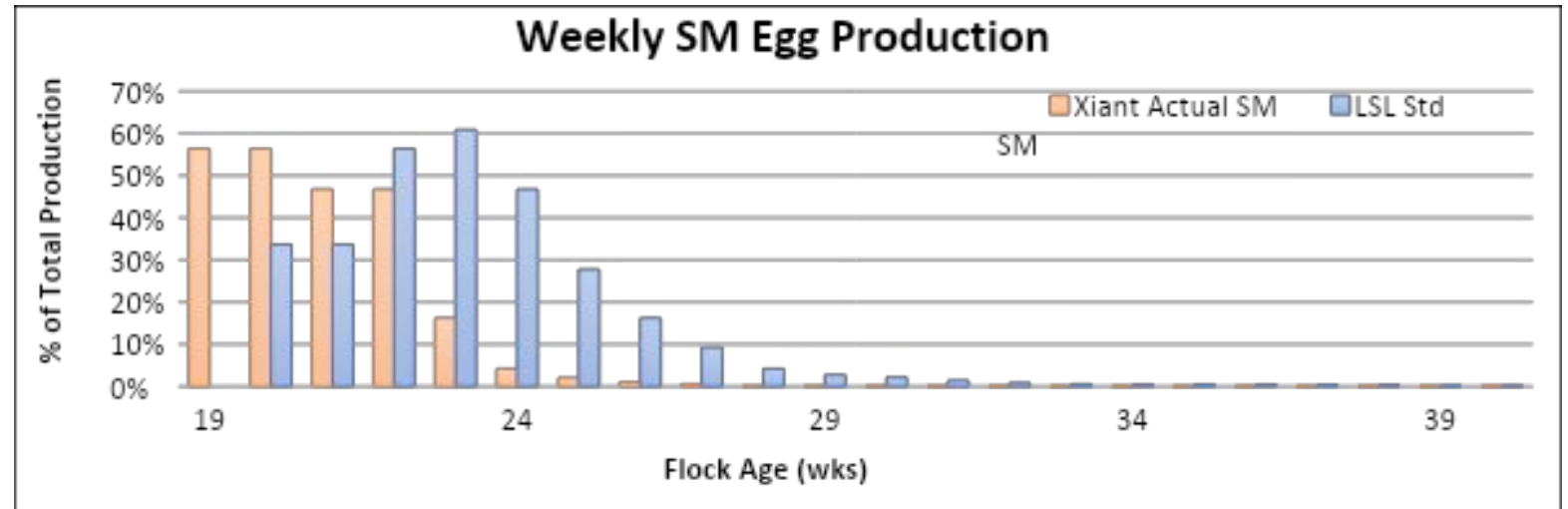
Birds: LSL birds at 200,000 bird commercial facility through 40 wks

Lighting: XTI – 17hrs

Control – 17hrs

Feed: Per commercial facility

- Birds under XTI lighting got through small and medium eggs (lower value to the producer) at a much earlier age



Commercial Lay Data

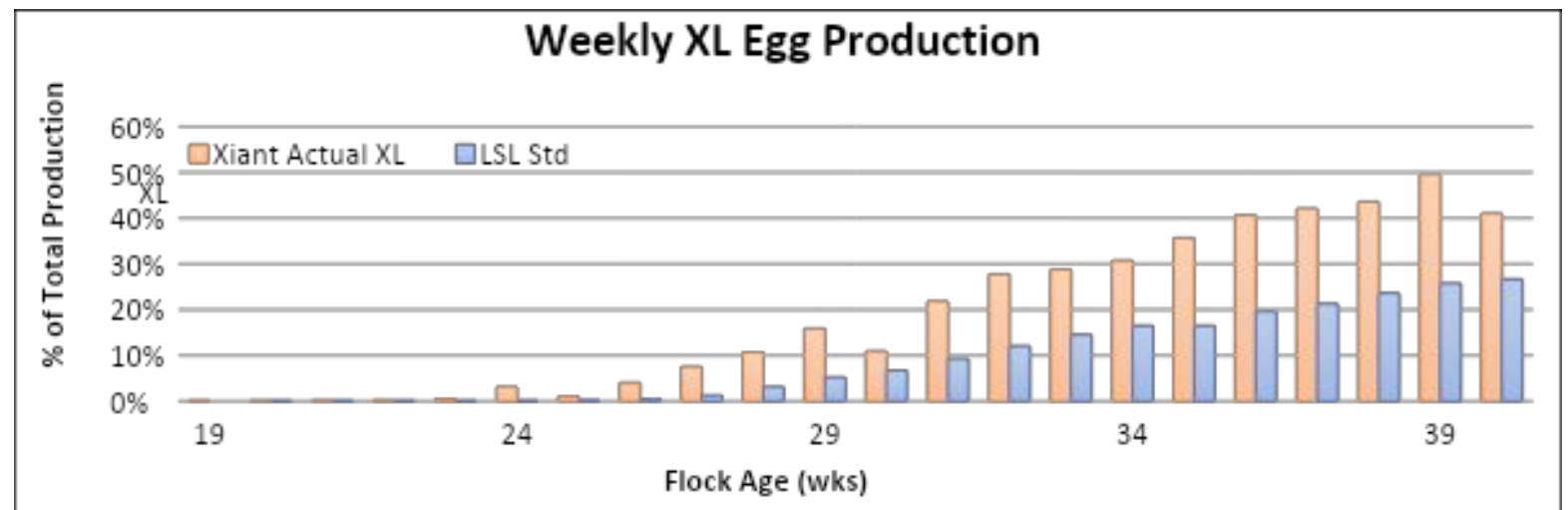
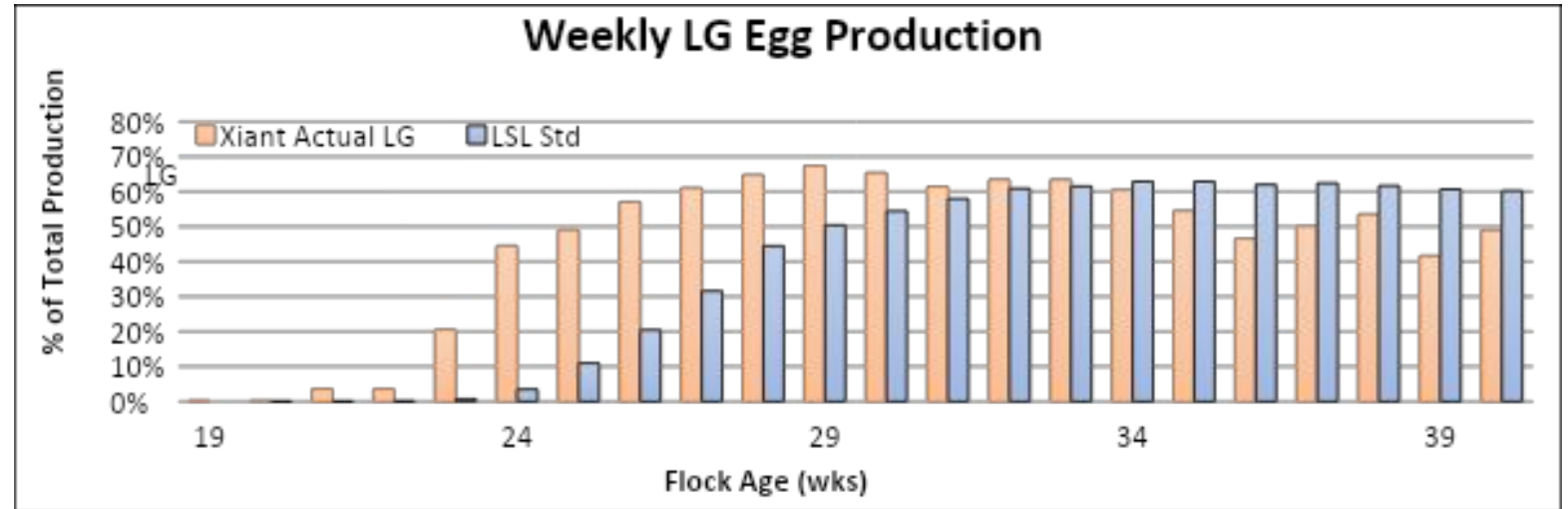
Birds: LSL birds at 200,000 bird commercial facility through 40 wks

Lighting: XTI – 17hrs

Control – 17hrs

Feed: Per commercial facility

- Birds under XTI lighting got into large and extra-large eggs at a much earlier age (more value to the producer)



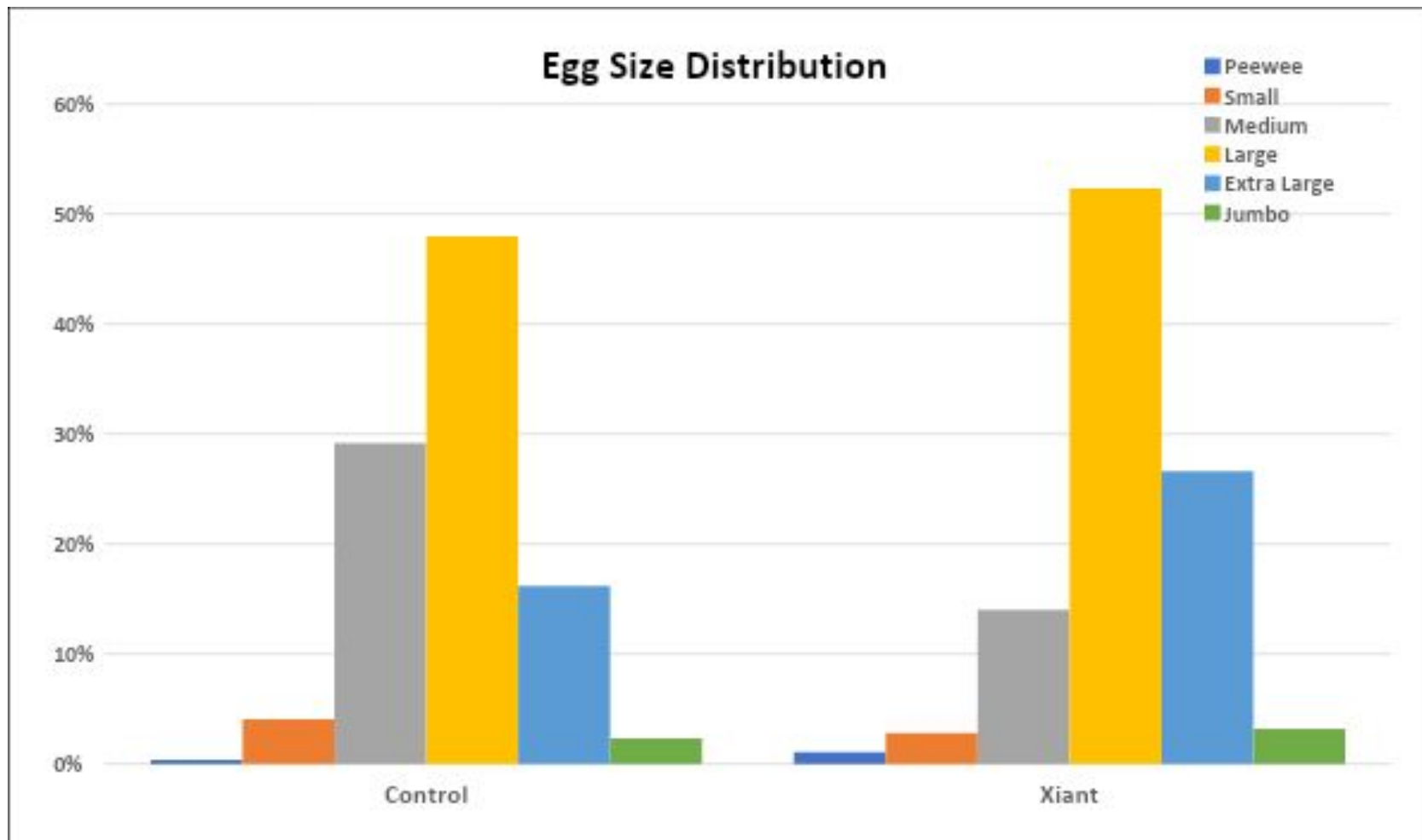
Commercial Lay Data

Birds: Multiple genetic lines

Lighting:
XTI – 17hrs

Feed: Per commercial facility

- XTI lighting across multiple trials showed more L, XL, and Jumbo eggs than control barns



Commercial Lay Data

Birds: Hy-Line W80 at commercial facility

Lighting:
XTI – 17hrs

Feed: Per commercial facility

- Birds under XTI lighting produce larger eggs earlier with slower increase in case weight over time



Commercial Lay Data

Birds: Hy-Line W80 at commercial facility

Lighting:
XTI – 17hrs

Feed: Per commercial facility

- Birds under XTI lighting produce larger eggs earlier with slower increase in case weight over time

