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Commercial Beef Cattle Trial 12/2022

Study subjects: Mixed breed steers Avg gain per steer (72 days) w/ average starting weight 595lbs-230.0 220.0 616lbs (Sql) 210.0 219.2 205.8 .u 190.0 **Lighting:** XTI – 24hr lighting (2 180.0 179.7 170.0 different XTI recipes tested) Avg decrease in feed conversion over 160.0 control (72days) Control – no lighting 150.0 25.0% XTI-R XTI-B Control 20.0% 21.7% Pens **Metrics:** Weight gain over 72 days 15.0% 16.5% 10.0% Increase in Avg gain per steer/day over Animal care: Std care per producer 5.0% control (72 days) 0.0% 25.0% XTI-R XTI-B Control 20.0% 21.6% Pens XTI-R 21.6% increase in wt 15.0% 14.4% compared to control 10.0% XTI-R 21.7% decrease in feed 5.0% 0.0% conversion compared to control XTI-R XTI-B Control Pens