## COMPARISON OF HVI AND SPINNING DATA AMONG ISOGENIC SISTER-LINES Jenny D. Clement Steve Hague C. Wayne Smith Texas A&M College Station, TX

## <u>Abstract</u>

Twenty- five sister lines with contrasting fiber traits were derived from a mutated population of 'TAM 94L-25'. These lines were evaluated in replicated trials at College Station, TX, in 2007 and 2008. Fiber qualities, lint yield, and plant morphological traits were significantly different among these sister-lines. Based on HVI fiber information, 12 lines were chosen for spinning performance testing at the Texas Tech Fiber and Biopolymer Research Institute. Results from this study indicate that some HVI fiber information such as length, are good predictors of spinning quality.