

# Adapting Great Plains Cropping Systems to a Changing Climate

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# Cropping System Adaptation Strategies

- Crop Selection
- Tillage Systems
- Plant Breeding
- Technology

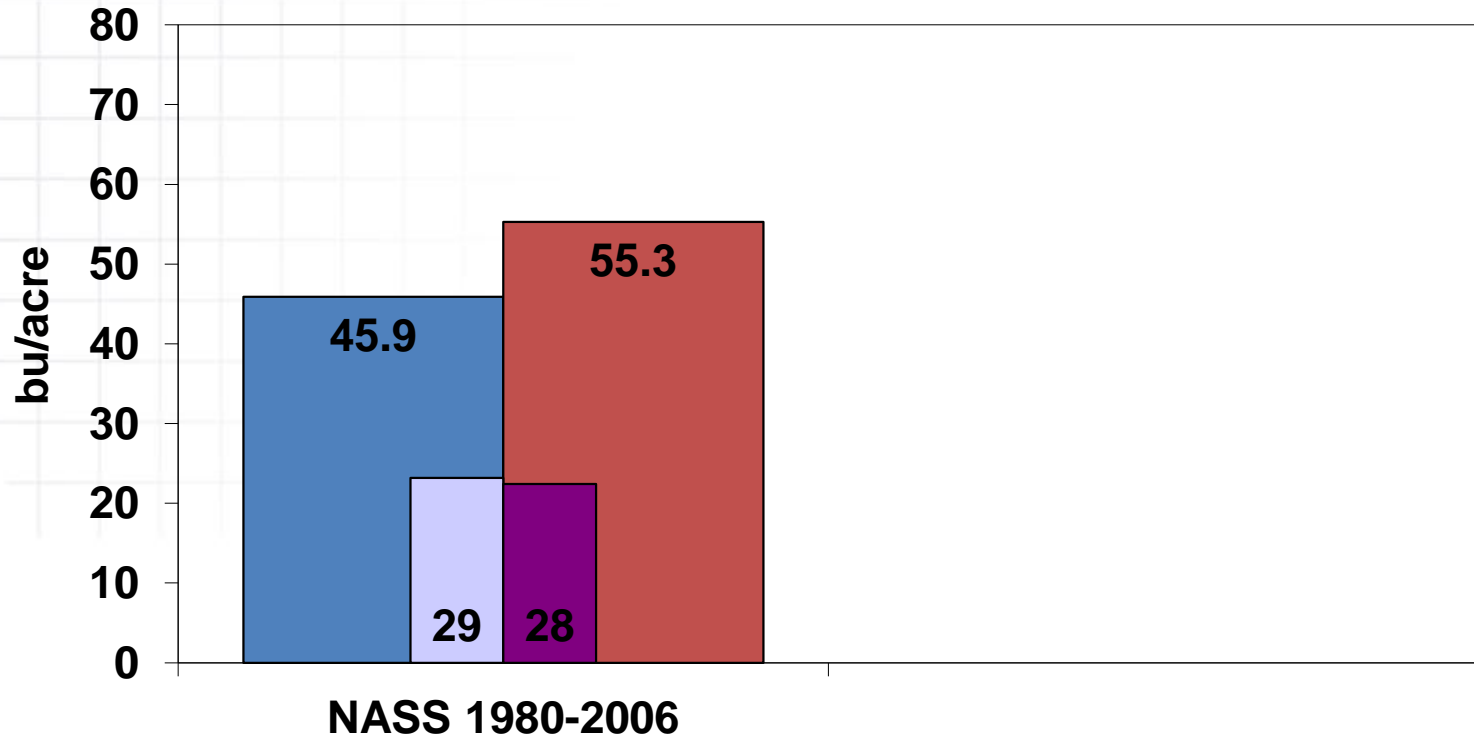
# Ellsworth & Rice Co. Aug. 23, 2011



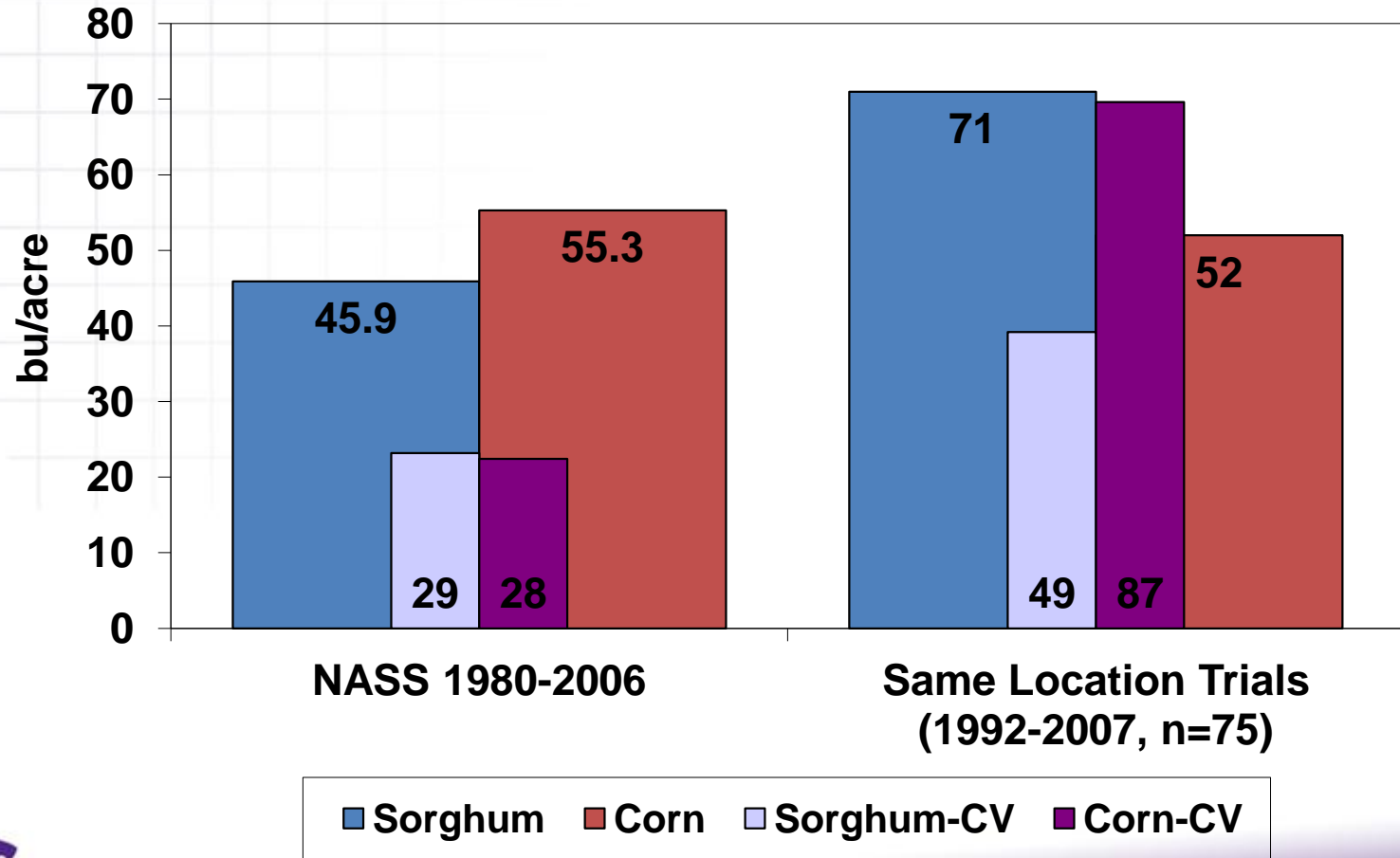
# Sumner Co. May 26, 2011



# High Plains Non-irrigated Sorghum and Corn Yield Averages

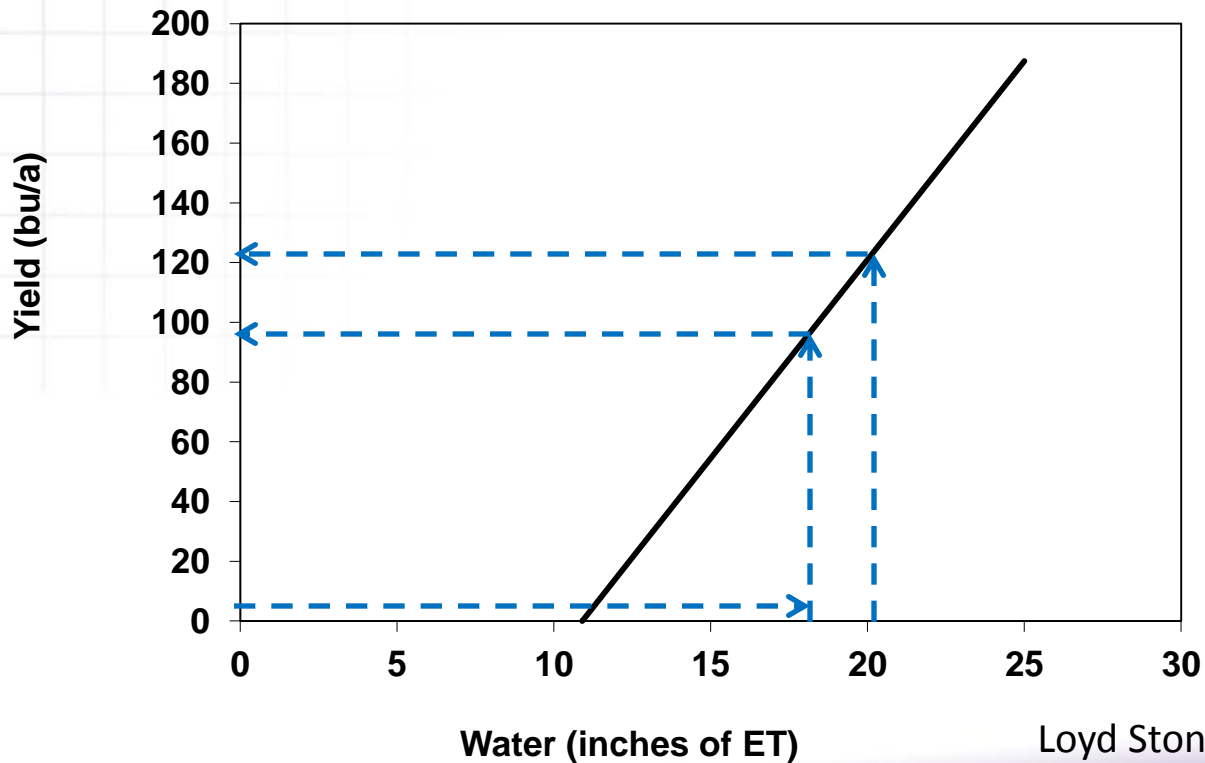


# High Plains Non-irrigated Sorghum and Corn Yield Averages



# No-till and Water

- Conserving 2" of water can add 26 bu/acre to corn yield



Loyd Stone, K-State

2011 Duncan Equation Study  
K-State SWREC-Tribune  
*P33B54 Conventional vs. P1151XR AquaMax*

