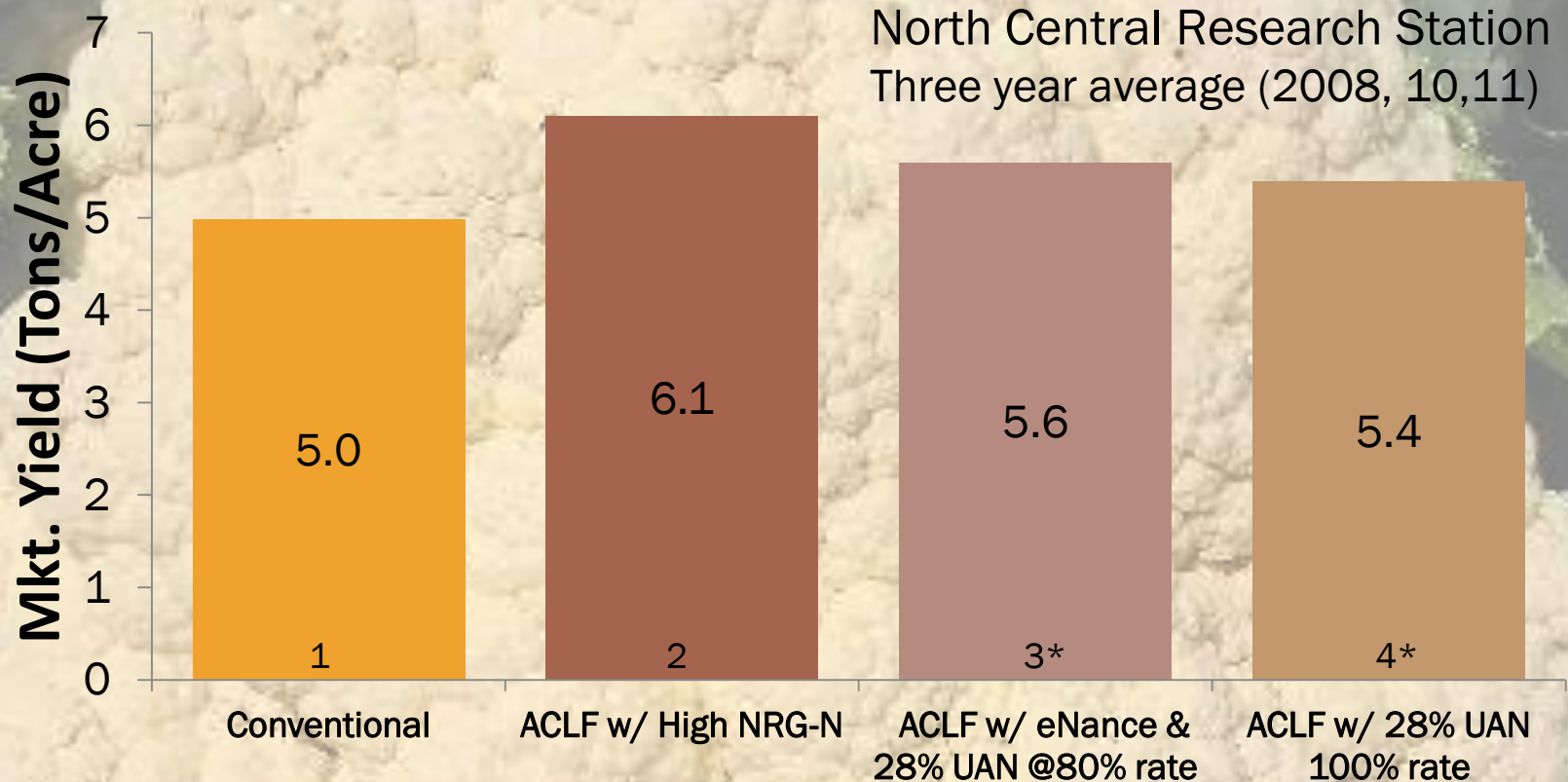


Liquid Provides Nitrogen Options for Yield *eN*hancement of Cauliflower



- The Agro-Culture Liquid Fertilizer program with High NRG-N (Trt. #2) outperformed the Conventional program (Trt. #1) for total yield by 22% when averaged over 3 seasons. This yield increase was primarily from larger head sizes that resulted from the use of the ACLF products.
- The total yield for the ACLF with *eN*hance program (80% UAN rate -Trt. #3) was similar to the ACLF program with 28% UAN applied at the 100% rate (Trt. #4). Both programs yielded above the conventional program. However, treatment #3 utilized 20% less nitrogen while still producing more cauliflower than treatment #4, win-win.

For the three years, fertilizer rates averaged 160#/a N, 48#/a P₂O₅, 90#/a K₂O for the season. Sidedress N rates were based on applying ~145# conventional nitrogen per acre as 28%UAN. Agro-Culture Liquid Fertilizer programs = 5 Gal Pro-Germinator, 3.8 qts Micro-500, 2 pt Mn Flavanol at transplant, followed by 7.5 gal Sure-K and 32-48 gal Nitrogen at side dress depending on the nitrogen product utilized.

*Yields are the averaged from two years, 2010 & 2011. These treatments were not applied in 2009.

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