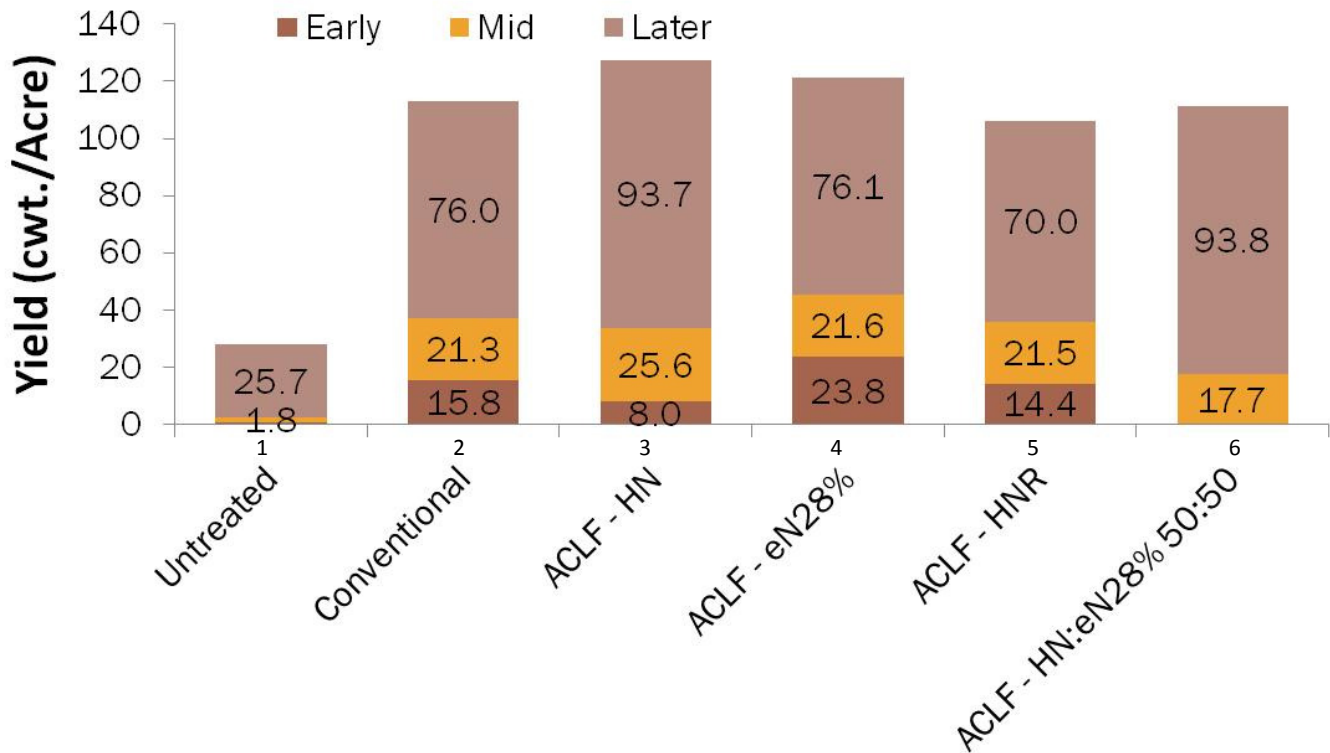




# Multiple nitrogen product options to enhance the yield and/or maturity of broccoli.



### Conclusions:

- Despite a cool growing season, the best overall Broccoli yield was achieved when using High NRG-N with the other ACLF fertility components. Maturity was delayed as shown in the early harvest yields that were below most other treatments. However, the later harvest values made this nitrogen program very favorable for total yield.
- For the third year in a row, the eNanced 28% UAN treatment was the second highest yielding program. This nitrogen product combination had the best early yields in the trial and later harvests that was similar to the conventional program, despite using 20% less nitrogen. Across many different types of seasons, this nitrogen treatment has been very consistent for producing strong yields.
- A 50:50 blend of High NRG-N and eNanced 28% UAN didn't produce the highest yield in this trial, but it did show one very positive result, uniformity of head development. Crop development was later than other treatments. However, the high degree of head uniformity resulted in strong yields, but delayed harvests. Commercially there would have been similar yields with fewer trips across the field for the harvest crews saving time and labor costs.
- The nutrient use efficiency for all ACLF programs was nearly 3-4X that of the conventional program.



| Trt. | Yield | Lb Nutr. | NUE <sup>#</sup> |
|------|-------|----------|------------------|
| 2    | 101.1 | 296      | 34.1             |
| 3    | 129.6 | 113      | 115.0            |
| 4    | 105.6 | 147      | 71.7             |
| 5    | 101.9 | 114      | 89.1             |
| 6    | 113.0 | 126      | 89.5             |

<sup>#</sup>NUE = Nutrient Use Efficiency (Lb. Yield/ Total Lb Nutrients applied)

\*Ask your local ACLF representative for more complete *Product Descriptions* local use rates and additional information for these products.