

Corn Intensive Management Research Carrington and Prosper – 2012-2013

Seed Treatment

- insecticide ('Poncho')
- insecticide + nematicide ('Votivo')

Early-season Fert and Fung

- foliar fungicide ('Headline' at V6)
- foliar zinc & sulfur ('Awaken' at V6)
- MAP (in-furrow) + fung + fert
- MESZ (in-furrow) + fung + fert
- untreated check

Late-Season Fungicide

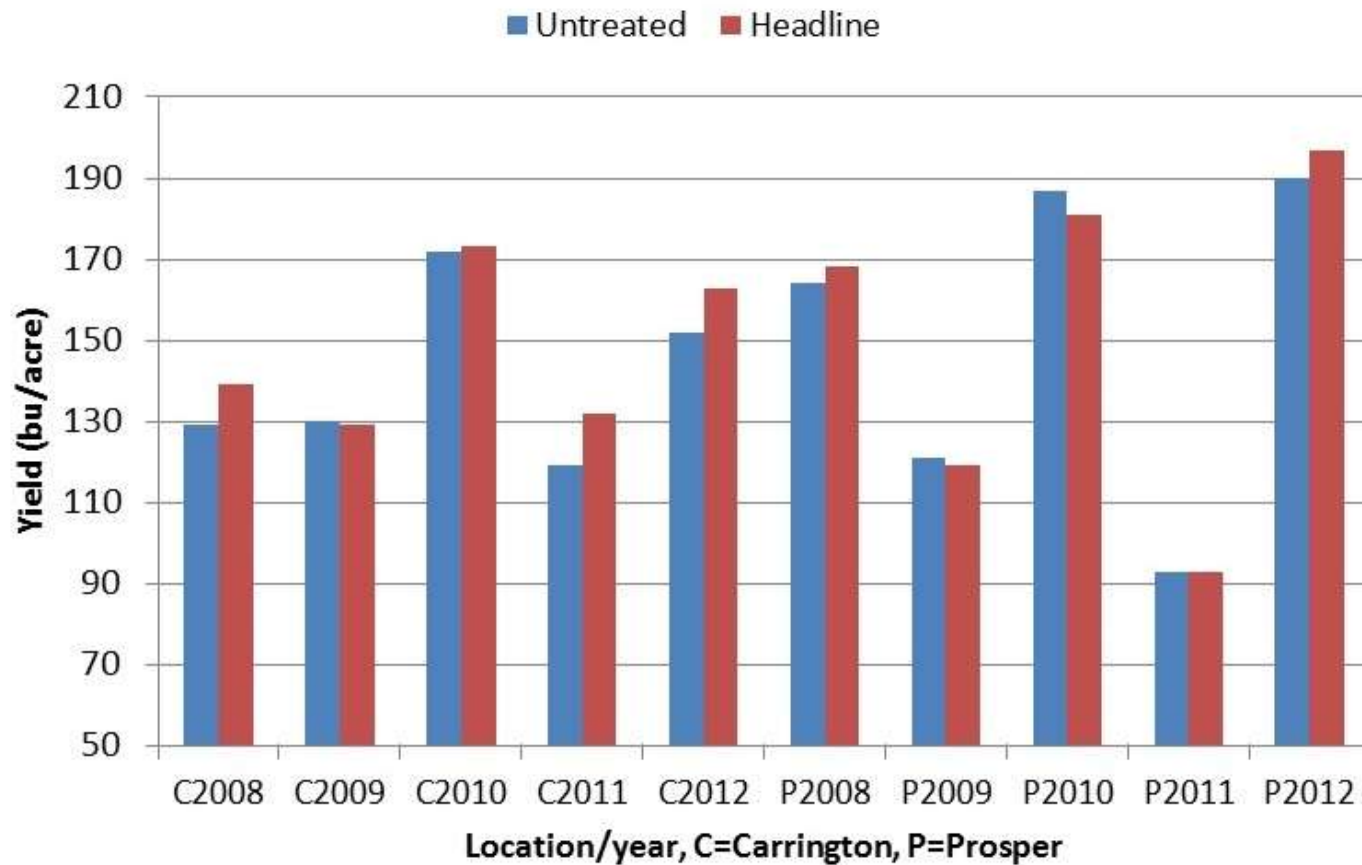
- foliar fungicide (VT)
- untreated check

• 2012 results in Carrington:

- Up to 6" difference in early season height
- VT fungicide increased yield 7.5%
- Votivo increased yield 7.5%
- The two factors were synergistic to increase yields 15.9%

Corn yield response to VT-R1 application of fungicide for plant health?

Effect of Headline™ applied after tasseling on corn yield, Carrington and Prosper, 2008-2012.



Other Intensive Management Research

- Comprehensive review of fungicide product performance and application timings
 - including in-furrow, V6, and VT timings X 12 products
- Nitrogen extenders and additives
 - Ex. Agrotain, Arborite, N-Serve (Instinct), SuperU, Nutrisphere, ESN, Yaravera, and Amidas
- Evaluation of plant growth products and application timings
 - Ex. RyzUp Smartgrass, or Ascend applied in-furrow or foliar