

# Caramba®

Fungicide

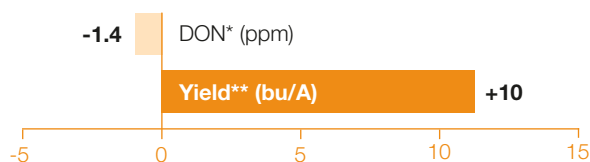
## Managing Fusarium Head Blight in Cereals

### Benefits of Caramba® Fungicide

- Effective management of head scab with reduction of DON levels
- Late-season leaf disease control
- Protection of yield potential and grain quality

### Maximize Your Potential Return on Investment

Lower DON equals increased yield



\*2009–2012 Replicated DON trials. (n=15) MD, TN, KS, SD, Caramba 8–13.5oz/A applied Feekes 10–10.5.2

\*\*2009–2012 Replicated yield trials. (n=58) TN, MD, KS, MO, MI, AR, NY, VA, KY, MT, NE, OK, SD, TX, LA Caramba 8–14oz/A applied Feekes 9–10.5.3



**Caramba\***



**Untreated**

\*Applied at Feekes 10.5.1 at 13.5 fl oz/acre

Caramba provides effective management of head scab and may minimize grain discounts due to vomitoxins (DON).

## Technical Information Bulletin

 **BASF**  
The Chemical Company

## Timing is Critical to Effectively Manage Head Scab

- Symptoms can develop in as little as three days after infection
- Infections are most serious when anthers are exposed during flowering
- Frequent rain and/or high humidity promote head scab

## Best Management Recommendations

- Plant varieties that show resistance/tolerance to Fusarium head blight
- Tillage practices that reduce inoculum:
  - Conventional: Use tillage practices that completely bury crop residue
  - Minimum or no-till: Effectively spread chaff, chop or grind corn residue
- Rotate your cereal crop away from cereals or corn
- Apply Caramba® fungicide at 13.5 oz/A at early flowering



## Apply at the Start of Flowering for Maximum Protection



10.5.1



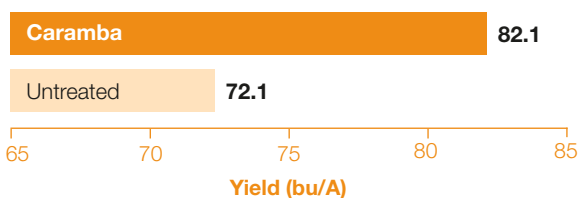
10.5.2



10.5.3

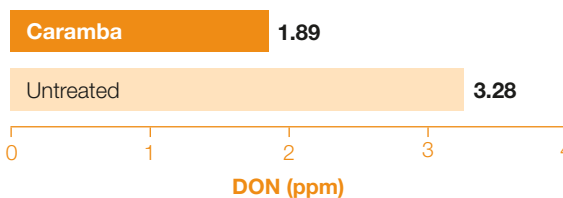
Feekes Stages

## Increased Yield\*



\*2009–2012 Replicated yield trials. (n=58) TN, MD, KS, MO, MI, AR, NY, VA, KY, MT, NE, OK, SD, TX, LA Caramba 8–14oz/A applied Feekes 9–10.5.3

## Reduced DON\*\*



\*\*2009–2012 Replicated DON trials. (n=15) MD, TN, KS, SD, Caramba 8–13.5oz/A applied Feekes 10–10.5.2