



Nebraska Corn Performance with Delaro[®] Brand Fungicides

Trial Objective

- Delaro[®] brand fungicides offer broad spectrum disease control with multiple modes of action with activity against corn diseases. They also promote healthy, dark green leaves for improved photosynthesis and increased plant stress resistance for full yield potential.
- Delaro[®] Complete fungicide includes a third active ingredient for consistent disease control.
- The objective of this trial was to observe the effects of Delaro[®] 325 SC fungicide and Delaro[®] Complete fungicide on corn yield potential at a field-level scale.

Research Site Details

- All applications were independently applied (by aerial applicator), and grower harvested.
- Growers provided yield data generated by combine yield monitors.
- Delaro[®] 325 SC fungicide or Delaro[®] Complete were compared to an untreated check with no fungicide in large field demonstrations in eastern and central Nebraska.
- All applications were made from the VT to R3 corn growth stage as a single application. Delaro 325 SC was applied at a rate of 8 oz/acre and Delaro Complete was tested as 8 oz. of Delaro and 2 oz. of Luna[®] Privilege per acre.

Understanding the Results

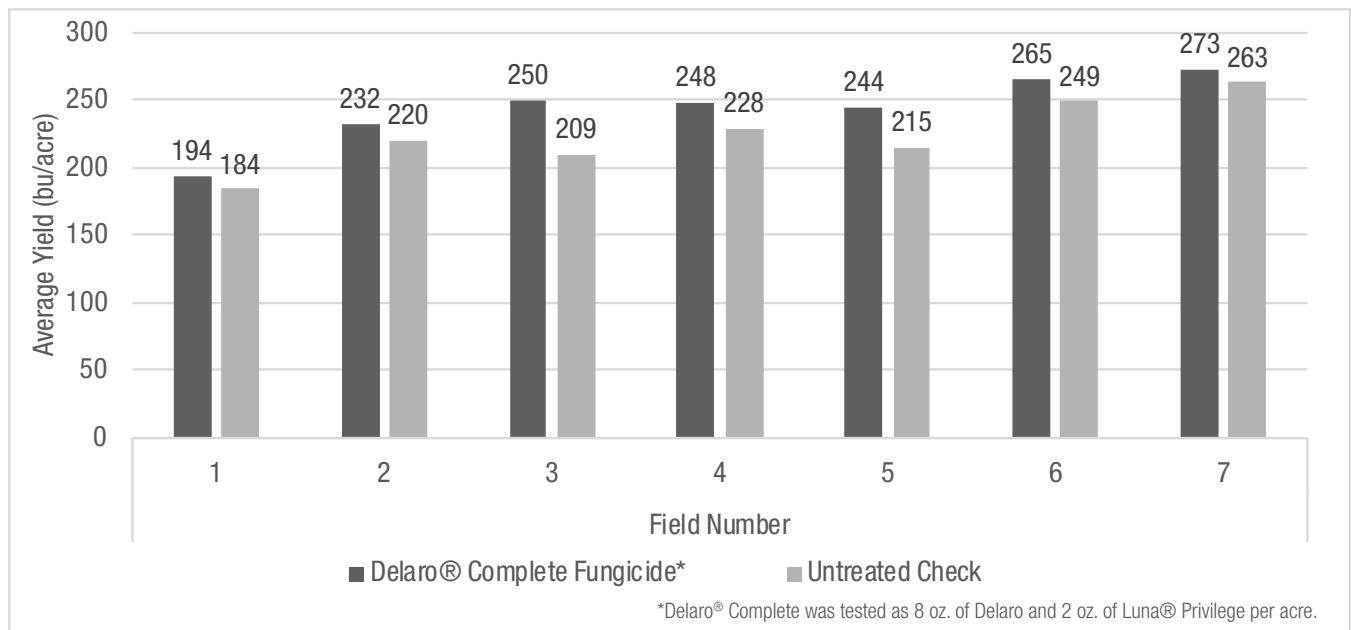


Figure 1. Average corn yield from Delaro[®] Complete fungicide applications at the VT to R1 growth stages at seven locations in eastern and central Nebraska. A 20 bu/acre average advantage for corn treated with the fungicide compared to the untreated check.



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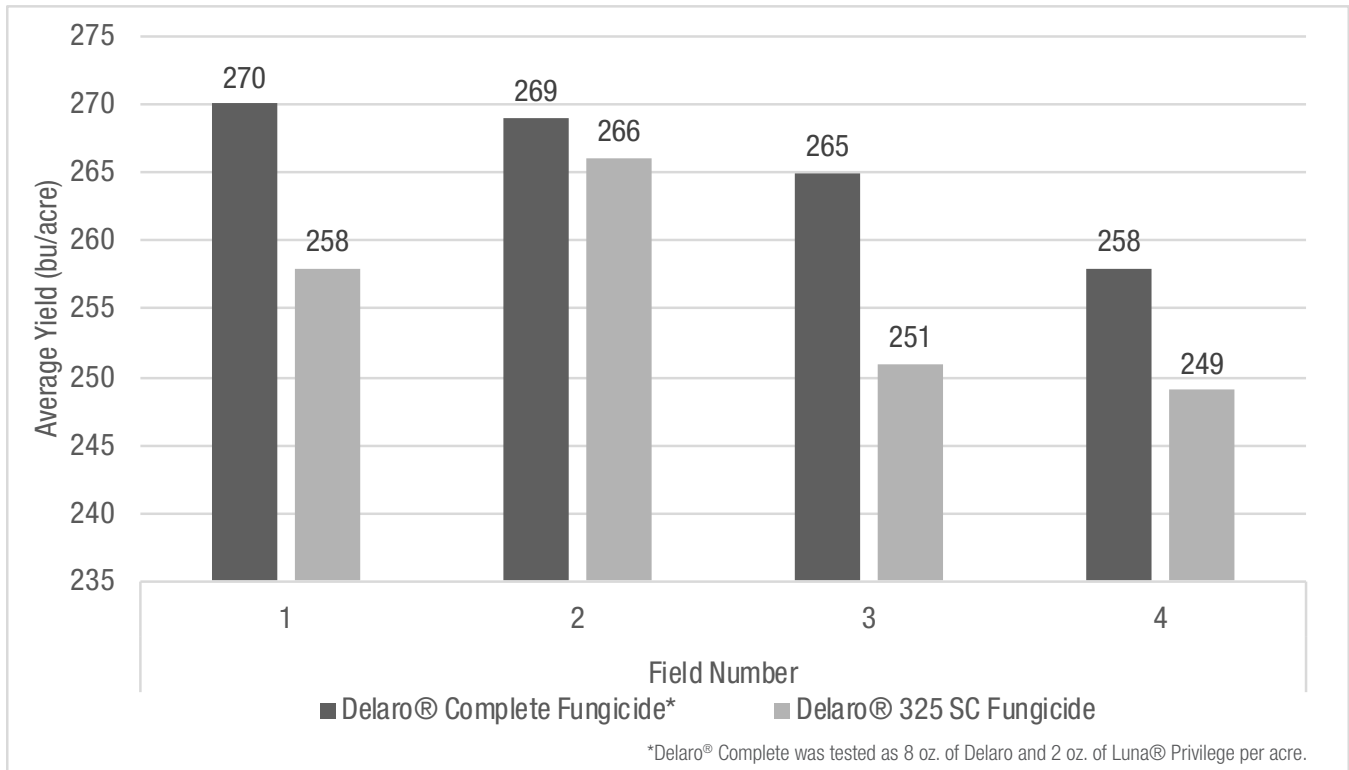


Figure 2. Average corn yield from Delaro® Complete fungicide and Delaro® 325 SC fungicide applied at the VT to R1 growth stages at four locations in eastern and central Nebraska. A 10 bu/acre average advantage for corn treated with Delaro Complete fungicide compared to Delaro 325 SC fungicide.

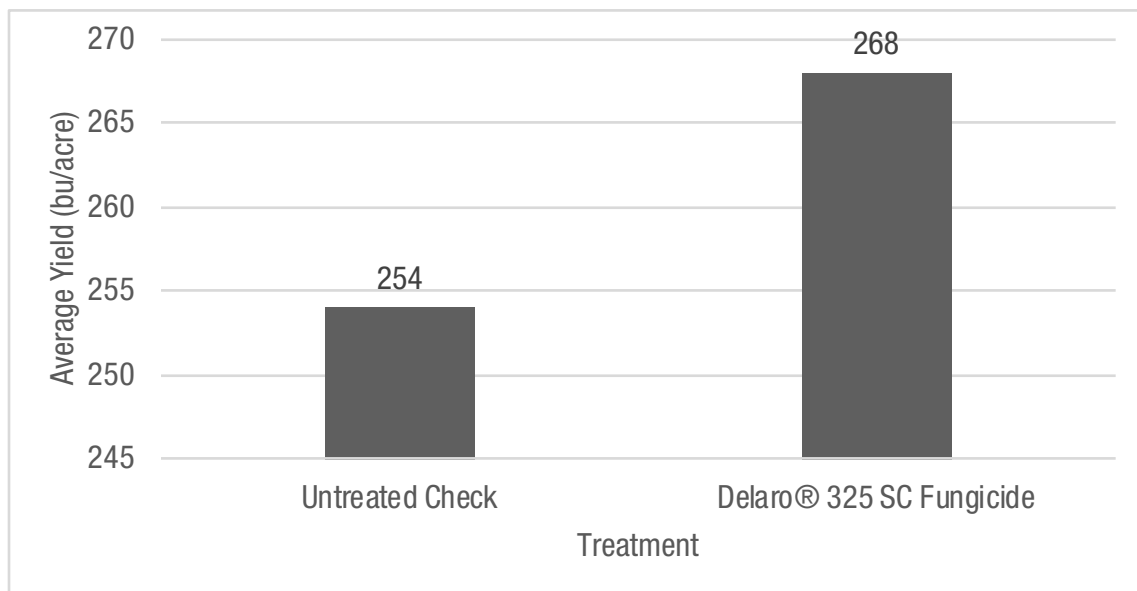


Figure 3. Average corn yield from a Delaro® 325 SC fungicide application at the VT to R1 growth stage. A 14 bu/acre average advantage for corn treated with the fungicide compared to the untreated check (average of 14 corn products from the 2020 Nebraska Corn Yield Demonstration Trials).



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- For this demonstration, average yield increased over the untreated check by 20 bu/acre when Delaro[®] Complete fungicide was applied.
- The average yield of corn treated with Delaro[®] Complete fungicide had a 10 bu/acre advantage over corn treated with Delaro[®] 325 SC fungicide.
- The average yield of corn treated with Delaro[®] 325 SC fungicide was 14 bu/acre greater than the untreated check.

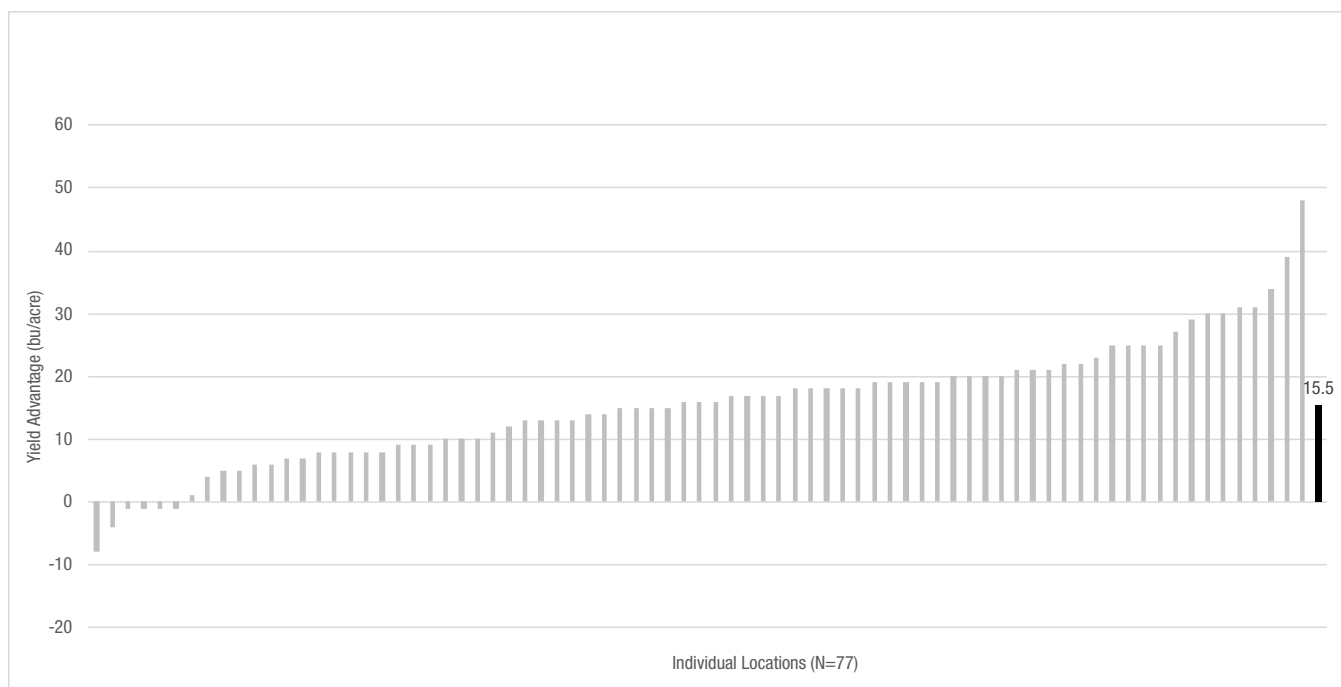


Figure 4. Preliminary national data (77 locations to date) demonstrated corn treated with Delaro[®] Complete fungicide* averaged a 15.5 bu/acre increase compared to an untreated check, which translates to a consistency rating of 92%. *Delaro[®] Complete was tested as 8 oz. of Delaro and 2 oz. of Luna[®] Privilege per acre.



Figure 5. Corn on August 27, 2020 in small plot trials at Carmi, Illinois. Plot on the left was untreated and plot on the right sprayed with Delaro[®] brand fungicides at the VT growth stage. Image courtesy of Dr. Jason Bond, Southern Illinois University.



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Key Learnings

- Average yields increased at these locations when Delaro[®] Complete fungicide or Delaro[®] 325 SC fungicide were applied to corn at the VT to R3 growth stage compared to an untreated check.
- Applications of Delaro[®] Complete fungicide or Delaro[®] 325 SC fungicide can help improve overall plant health when applied to corn (Figure 5).
- Increased average yields are observed with a fungicide application to corn throughout Nebraska and in the Midwest Corn Belt.

Legal Statements

The information discussed in this report is from a multiple site, non-replicated demonstration. This informational piece is designed to report the results of this demonstration and is not intended to infer any confirmed trends. Please use this information accordingly.

Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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