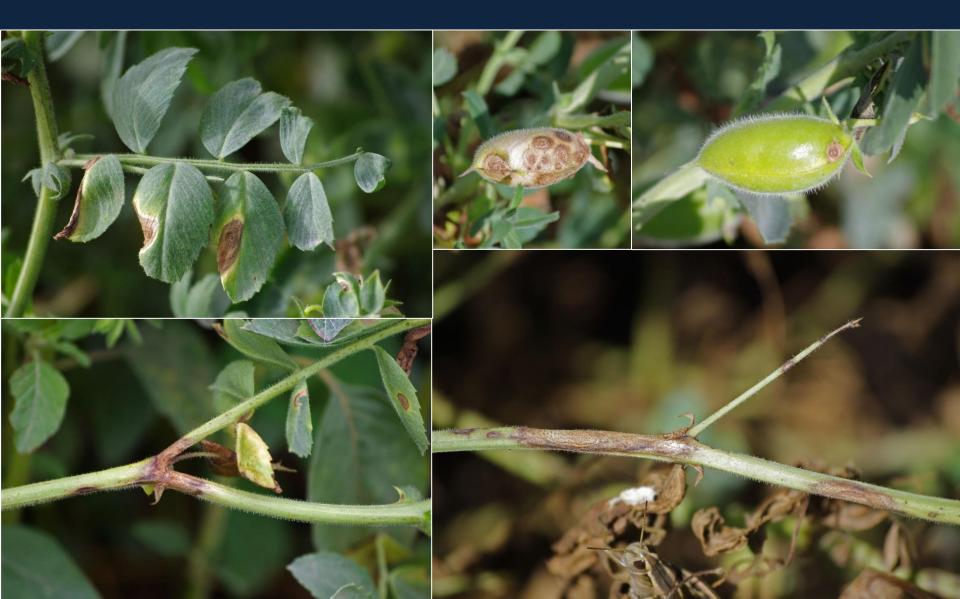
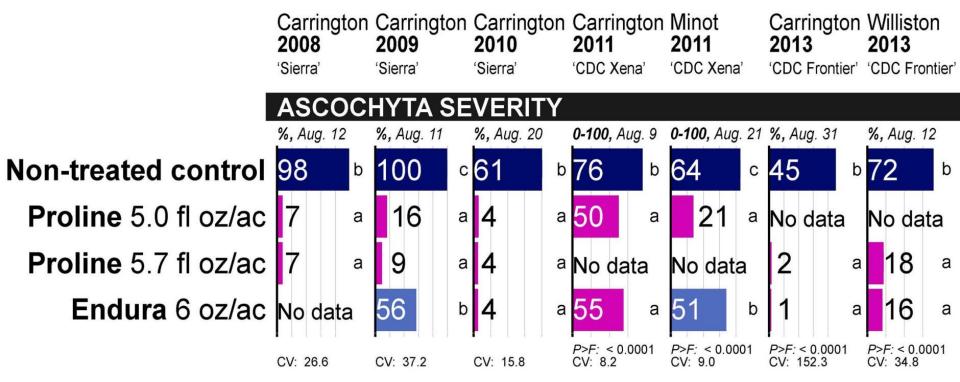
Recommendations for selecting fungicides for management of Ascochyta blight on chickpeas

Michael Wunsch, plant pathologist

NDSU Carrington Research Extension Center



Endura is sometimes less effective than Proline

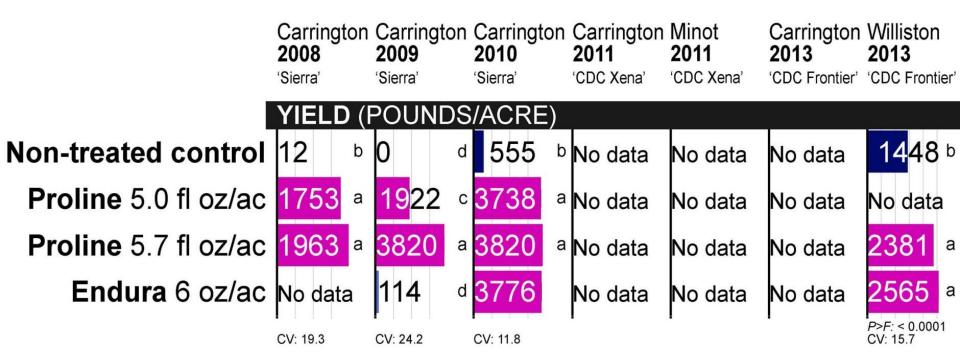


Fungicide applications:

8001VS, 80015VS, or 8002VS flat-fan nozzles at 35 or 40 psi in 15 to 20 gal./ac water

THREE TO FIVE FUNGICIDE APPLICATIONS WERE MADE.

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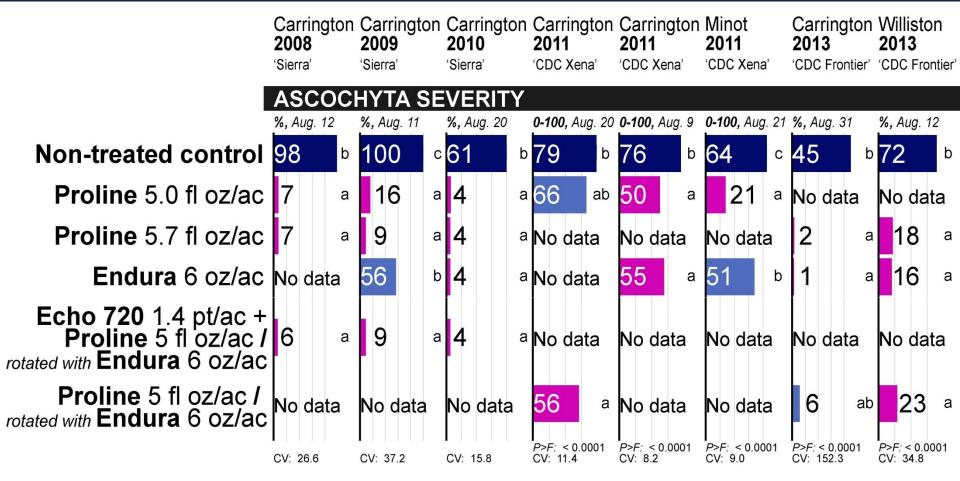


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In rotation with Proline, Endura has performed better

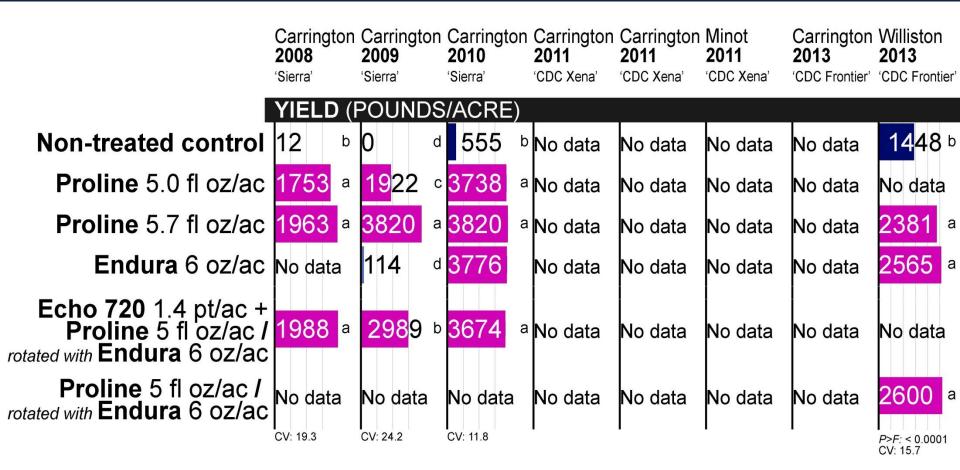


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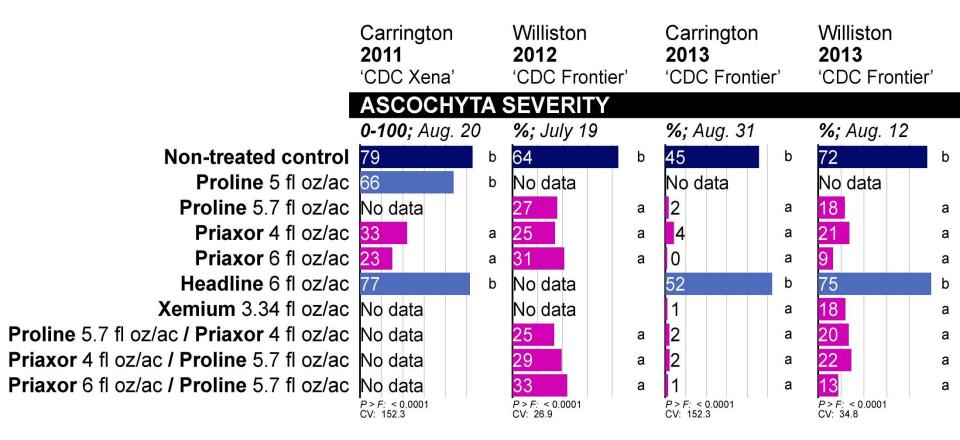


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The efficacy of Priaxor is likely similar to Endura

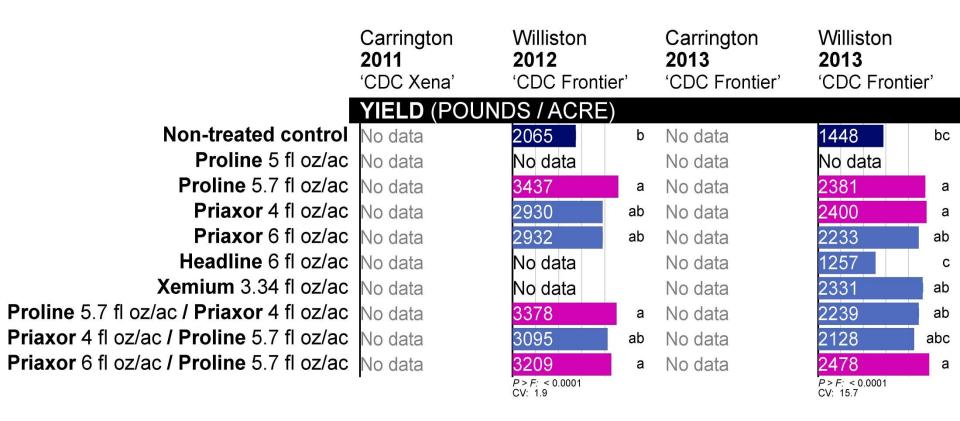


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THREE TO FOUR FUNGICIDE APPLICATIONS WERE MADE.

The efficacy of Priaxor is likely similar to Endura



Fungicide applications:

8001VS or 8002VS flat-fan nozzles at 35 or 40 psi in 15 to 20 gal./ac water

THREE TO FOUR FUNGICIDE APPLICATIONS WERE MADE.

CHICKPEAS

Ascochyta Blight

Fungicide efficacy:

Applied sequentially, Endura is sometimes less effective than Proline.

When disease pressure is very high, Endura sometimes fails to control Ascochyta.

Applied in rotation with Proline, Endura has provided satisfactory disease control.

 This fungicide rotational strategy has consistently performed well, but applying Endura when disease pressure is very high may still be risky even in a fungicide rotation program.

The efficacy of Priaxor is likely similar to Endura

- Priaxor has not been tested extensively.
- Reports from producers suggest that it may perform equivalently to Endura, providing unsatisfactory control when disease pressure is very high.

<u>CHICKPEAS</u>

Ascochyta Blight

Recommendation:

Endura or Priaxor are best applied only when Ascochyta disease pressure is moderate.

- Under high Ascochyta disease pressure, there is an elevated risk that Endura and Priaxor could be overwhelmed by the disease and provide unsatisfactory Ascochyta control.
- Under high Ascochyta disease pressure, Proline (5.7 fl oz/ac) is the best product to utilize. Tank-mixing Proline with chlorothalonil (Bravo Weather Stik, Echo 720, others) will improve fungicide resistance management and is recommended.