

General Observations

While most growers found the fungicide treatment and both foliar fertilizers increased yield, on the average, neither foliar feeding nor Quadris improved yield sufficiently to pay the cost of product and application. There were instances where both did better than break-even, and in both the AgVantage FS and the PrairieLand Cooperative trials.

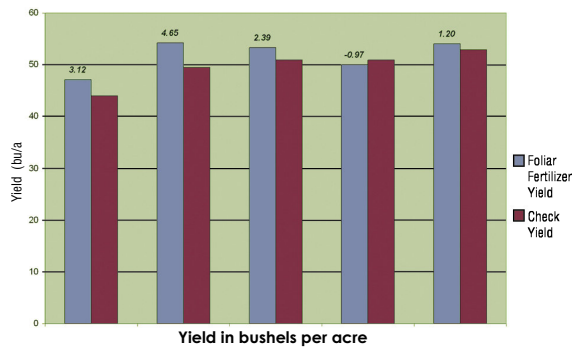
When we looked at the aerial imagery from the trials, it was obvious that something was going on in both. Not all trials were as striking as those pictured on pages 4 and 5, but in just about every case, it was obvious there were strips across the fields.

Concerns that product drift during application would render the trials worthless were unfounded, based both on the images and subsequent yield data, even though differences often were not significant.

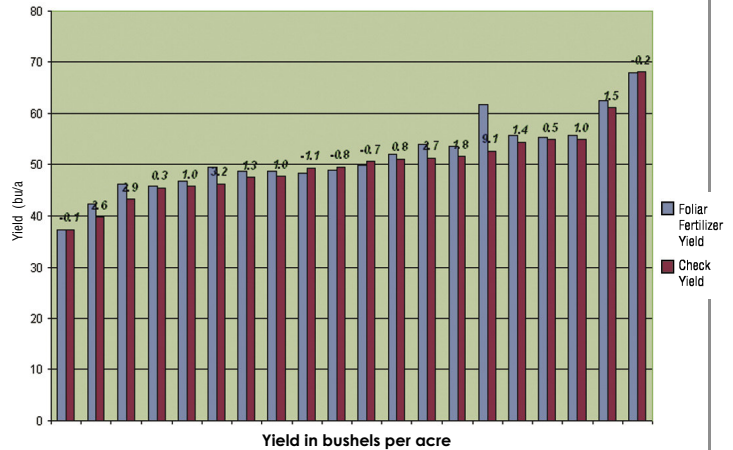
With the strong possibility of Asian soybean rust occurring in Iowa this year, growers were encouraged to learn that using a preventive treatment like Quadris might give them some benefit even without the disease.

The following graphs show yield response to the Quadris application and to the two the foliar fertilizer products.

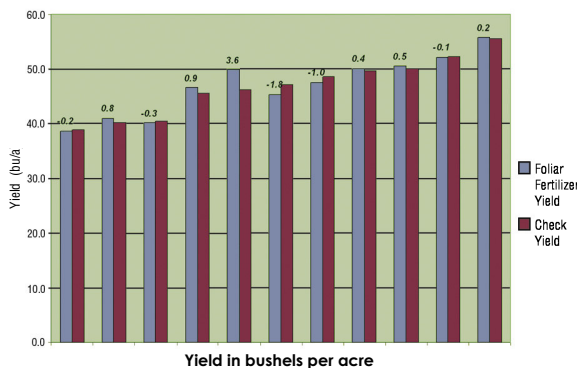
Average yield of Sovereign Strips compared to check strips



Average Yield of Quadris strips compared to average yield of check strips



Average yield of foliar fertilized strips compared to average check strip yield, AgVantage FS



Results

In the 2004 On-Farm Network studies, the average yield increase in the Quadris-treated strips was 2.1 bu. per acre; Sovereign foliar fertilizer increased yield an average of 2.1 bu. per acre; and the foliar fertilizer strips in the AgVantage FS trials averaged 0.3 bu. per acre more than the untreated control.

To participate in 2005 soybean fungicide and foliar feeding studies, or for more information about this or any Iowa Soybean Association On-Farm Network™ program or study, contact:

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