



syngenta®

The Best Choice for Soybean

Quadris® fungicide offers optimal disease control and Plant Performance™, helping soybean growers maximize return on investment. Quadris is a broad-spectrum fungicide whose mode of action is systemic and xylem-mobile. Choose Quadris, a product with more than a decade of proven history.

Why Quadris?

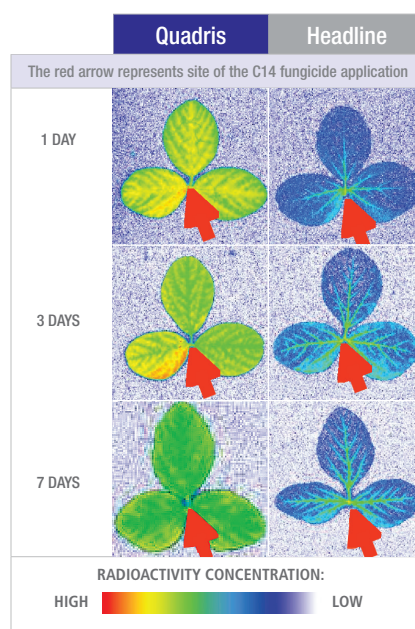
- **Provides long-lasting, broad-spectrum control of yield-robbing soybean diseases.**
 - Offers effective control of all four classes of fungi.
 - Provides complete plant protection with the excellent xylem-mobile, systemic activity of the Quadris X-Factor™. This allows for the mobility of the highly systemic active ingredient from the site of application through the leaf, providing uniform distribution within the plant, even to new growth for better protection.
- **Optimizes Plant Performance activity for increased quality and boosts yield an average of 5-6 bu/A.**
 - Improves plant growth for higher yields.
 - Increases water use efficiency resulting in more crop growth.
 - Extends pod fill, which is the final step in optimizing yields.
 - Produces bigger pods, more beans and complete pod fill by preserving green leaf area and a longer period of photosynthesis.

Maximize Plant Performance with the Quadris X-Factor

Better Plant Performance through systemic activity is an advantage known as the Quadris X-Factor. This true xylem-mobile systemic activity moves Quadris beyond the application site, distributing itself throughout the entire plant. By moving the active ingredient within the plant's water transport system, Quadris spreads to new plant parts for maximum efficacy, allowing the plant to take advantage of the most complete disease protection.

To demonstrate the impact of the Quadris X-Factor, soybean plants were treated with either a radio-labeled application of Quadris or Headline® fungicide.

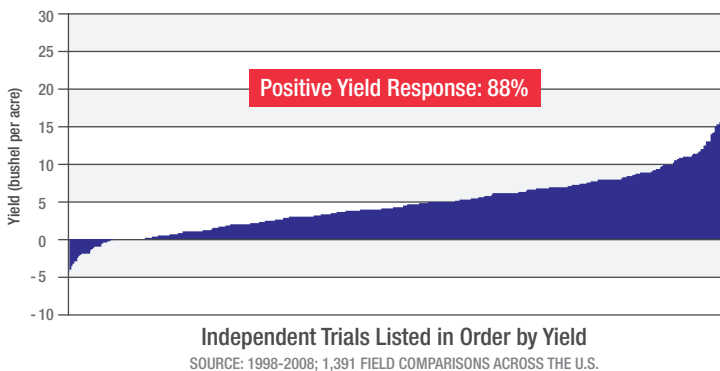
- The fungicides were applied only to a confined area on the leaflet base, indicated by the red arrows.
- Radiographic images were taken after one, three and seven days to evaluate where these fungicides moved within the leaves.
- In these images the concentration of radioactivity, or fungicide, is measured colometrically where light blue represents the lowest concentration with increasingly higher concentrations going from green then yellow to red (highest).



As depicted in the radiograph, the soybean leaf treated with Quadris appears mostly green, indicating the fungicide moved systemically within the leaf and evenly distributed throughout the leaf. However, the majority of the soybean leaf treated with Headline remains blue, indicating that Headline did not move systemically and redistribute within the leaf. By moving through the xylem, Quadris is able to rapidly disseminate within the soybean plant to provide full protection.

Better Plant Performance Means Better Yields

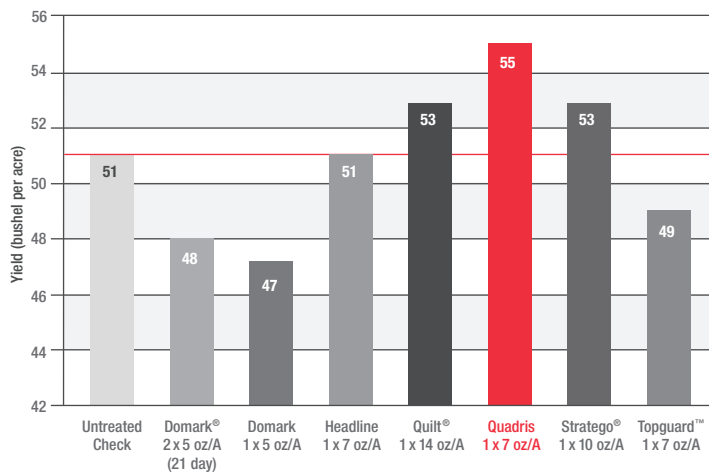
Quadris maximizes the length of time before the plant's aging process begins so energy will continue to be put toward pod fill. This allows for longer retention of leaves, ultimately increasing pod weight, bean size and yields.



A Competitive Review

Quadris provides a solution that can help soybean plants reach their full yield potential, leading to a potentially higher return at harvest. In the chart below, Quadris yielded 55 bushels per acre, outperforming its competitors.

Quadris offers complete disease control. It is the most trusted solution, as chosen by growers, to protect their crops from yield-robbing disease. With more than a decade of proven history, soybean growers have confidence in knowing they have best-in-class chemistry at their fingertips.



Number of Applications by Fungicide Rate

SOURCE: S. KOENNING, NORTH CAROLINA STATE UNIVERSITY, 2009

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For more information, visit www.FarmAssist.com, www.Quadris-Fungicide.com or call the Syngenta Customer Center at 1-866-SYNGENT(A) (796-4368).

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