



Syngenta Soybean Portfolio 2006

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Syngenta Section 3 Products



Quadris Flowable



- * Azoxystrobin
- * 2.08SC
- * 2 x 2.5 gallon; 4 x 1 gallon; 30 gallon drums; 264 gallon totes
- * 4 hours REI, 14d preharvest interval
- * 6.2-15.4 oz/A; soybean marketing rate 6.2 oz/A
- * Maximum load/season/crop=2.88 quarts
- * Section 3 granted on soybeans in 2000
- * Quadris=Priori in South America
- * Recommendation for Rust: Tank mix with Triazole.

Bravo Products (WeatherStik, Ultrex)

- * Chlorothalonil
- * 6 lb/gallon (Weather Stik); 82.5% WDG (Ultrex)
- * 2x 2.5 gallon; Bulk
- * 12 hours REI, 42d PHI
- * Rates dependent on formulation
- * No more than 4.5 lb ai/acre
- * Experience from South America indicates Strob + Triazole is the preferred rust fungicide combination.
- * Syngenta is currently evaluating the positioning of this product





Syngenta Section 18 Products



Tilt



- * Tilt
- * Propiconazole
- * 3.6 EC
- * 4 x 1 gallons; 30 gallon drums
- * 24 hours REI, 35 day preharvest interval
- * 4-8 oz
- * 2 apps max (or no more than total of 12 oz)
- * Recommend 4 oz with Strob fungicide such as Quadris
- * Not widely used as solo product in Brazil, but as a premix

Quilt



- * Quilt (Quadris + Tilt=Quilt)
- * Azoxystrobin and propiconazole
- * 200SC
- * 2 x 2.5 gallon; 264 gallon totes; bulk
- * 24hr REI, 35d preharvest
- * 14-20 oz product/A with 1% COC
- * Two applications and no more than 40oz product

Alto (potentially 2006)

- * Alto
- * cyproconazole
- * 100 SL
- * 2 x 2.5 gallon
- * REI and Preharvest, still at EPA
- * Sec 18 4oz
- * 2 applications
- * Excellent efficacy on rust, but still prefer tankmix with Strob
- * Labeled product in South America and as a tankmix with Strob

Quadris Xtra (potentially 2006)

- * Azoxystrobin + Cyproconazole
- * 2.34 SC
- * Most probably 2 x 2.5 gallon
- * REI and PHI still at EPA
- * Section 18 application 4 oz/A;
- * Section 18 2 applications
- * Recommendations will come once Sec 18 is granted
- * Quadris Xtra=Priori Xtra
- * Last year first full year South America



Rust Recommendations for 2006

* **Primary recommendation** (prior to Alto/Quadris Xtra label)

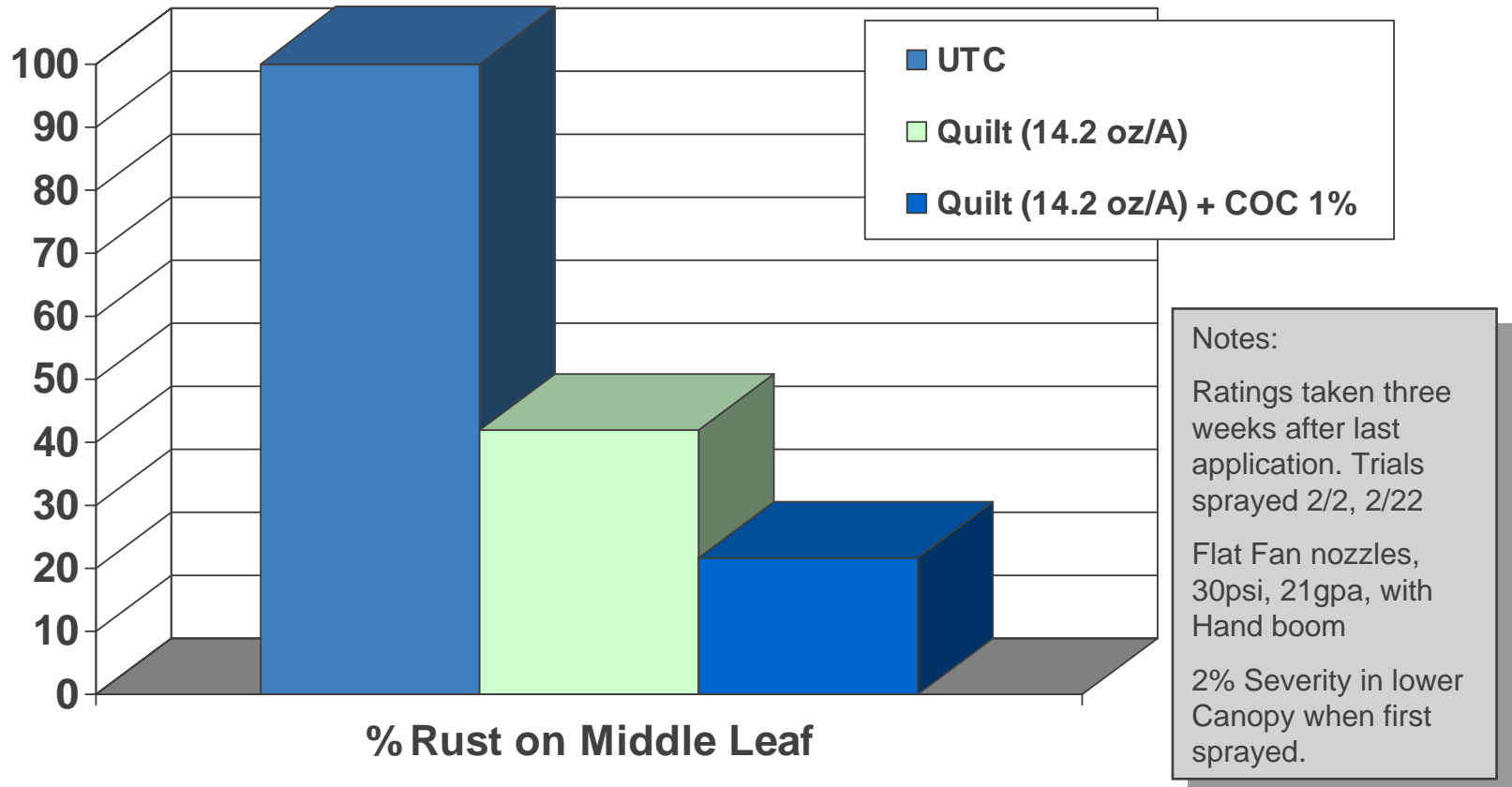
- **Quilt 14 oz plus 1% crop oil applied at the R1/R2 stage preventatively or when the disease is in the area at 0-<2% incidence.**
- **A second spray of Quilt 14oz plus surfactant (crop oil for now) should be applied 14-21d later.**

Secondary recommendation

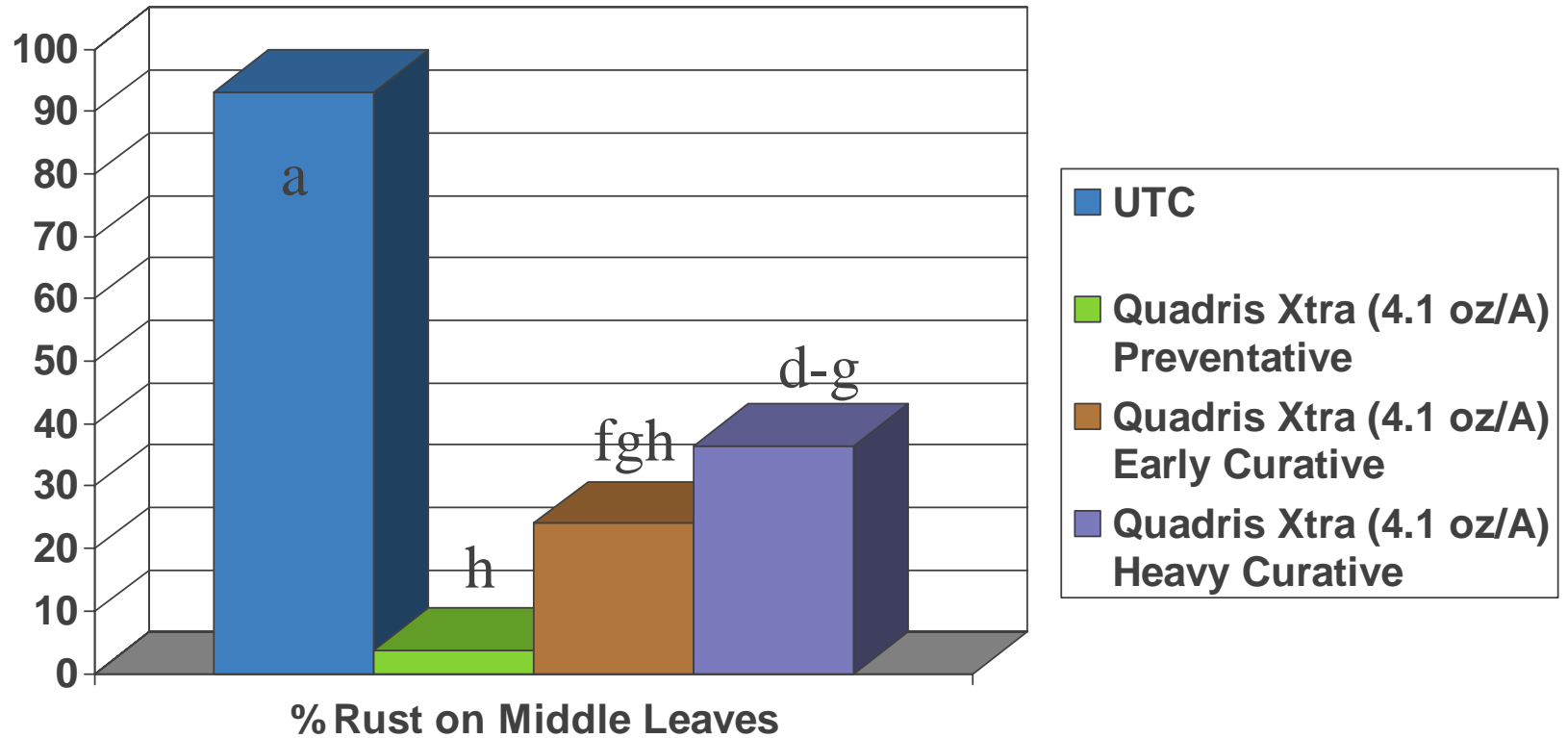
- **Quilt 14 oz up front at R1/R2 then**
- **Quadris plus a triazole (do not position Quadris alone) at the 21d.**



Role of Adjuvants to Assist in Control of Soybean Rust

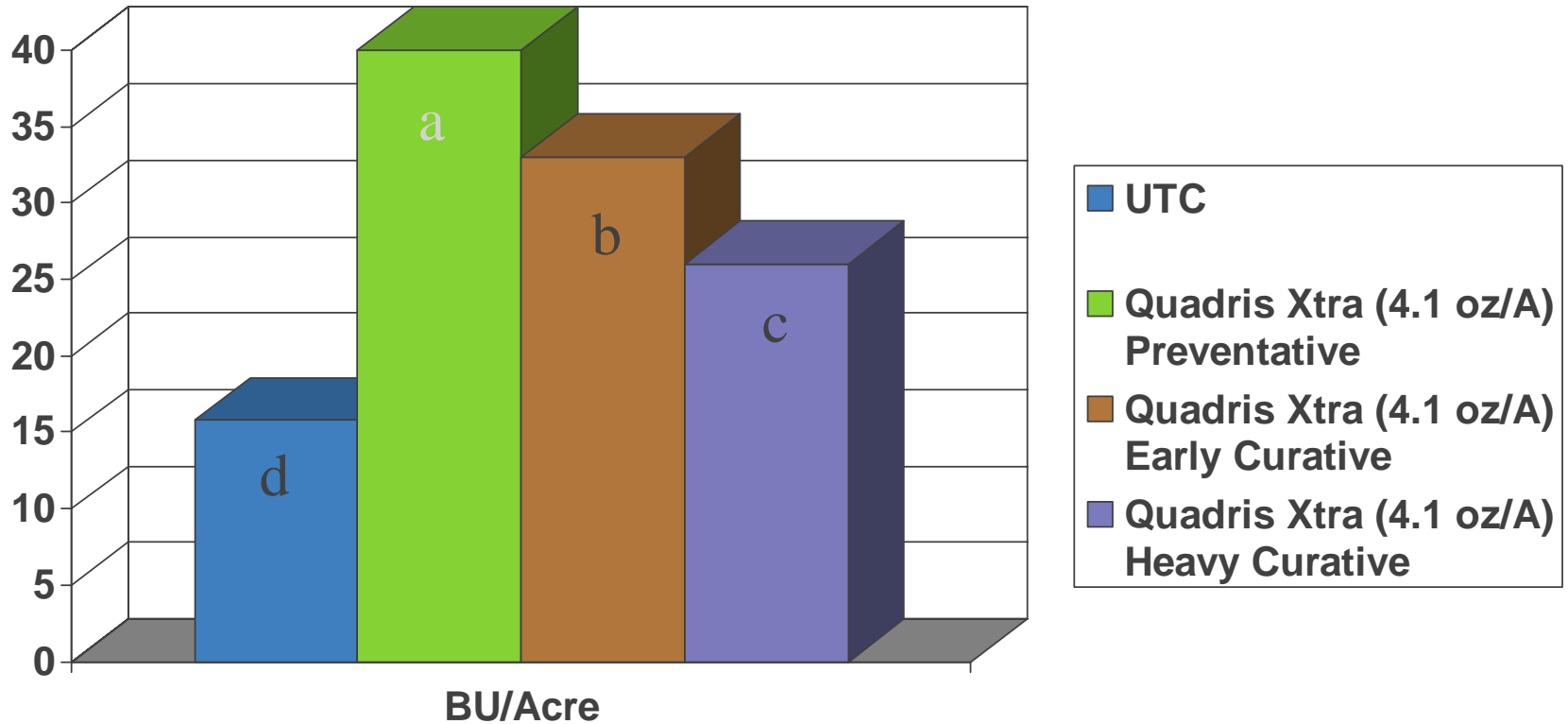


Control of Soybean Rust from Preventative vs Curative Applications



Ratings taken 3 weeks after the last application

Control of Soybean Rust from Preventative vs Curative Applications



Yields taken as total plot weight, then calculated to BU/A