Syngenta Soybean Portfolio 2006
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Syngenta Section 3 Products
Quadris Flowable

* Azoxystrobin
* 2.08SC
* 2 x 2.5 gallon; 4 x 1gallon; 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
* 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 (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

% Rust on Middle Leaf

- UTC
- Quilt (14.2 oz/A)
- Quilt (14.2 oz/A) + COC 1%

Notes:
- Ratings taken three weeks after last application. Trials sprayed 2/2, 2/22
- Flat Fan nozzles, 30psi, 21gpa, with Hand boom
- 2% Severity in lower Canopy when first sprayed.
Control of Soybean Rust from Preventative vs Curative Applications

Ratings taken 3 weeks after the last application

- UTC
- Quadris Xtra (4.1 oz/A) Preventative
- Quadris Xtra (4.1 oz/A) Early Curative
- Quadris Xtra (4.1 oz/A) Heavy Curative

% Rust on Middle Leaves
Control of Soybean Rust from Preventative vs Curative Applications

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

- UTC
- Quadris Xtra (4.1 oz/A) Preventative
- Quadris Xtra (4.1 oz/A) Early Curative
- Quadris Xtra (4.1 oz/A) Heavy Curative