

The Syngenta logo is positioned on the right side of a horizontal bar. The bar consists of a thin light green top layer and a thicker dark green bottom layer. The logo itself is white and features the word "syngenta" in a lowercase, sans-serif font, with a small leaf icon above the letter 'g'.

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Industry Update for Syngenta

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Gramoxone[®]SL Mixing Guide (2013): +/- Tank-Mix Partner

- **Order of Tank Mixing** – In general, Gramoxone SL tank mixes with other products and should be mixed as follows:
 - Fill the spray tank ½ full with clean water or other approved carriers such as clear liquid fertilizer.
 - Begin tank agitation and continue throughout mixing and spraying.
 - **Add nonionic surfactant to tank (0.5% v/v).**
 - **Add AMS to tank if desired (1% or recommended rate per product label).**
 - Add dry formulations (WP, DF, etc.) to tank.
 - Add liquid formulations to tank (SC, EC, L, etc.) to tank.
 - Add Gramoxone SL 2.0 to tank.
 - Add crop oil concentration or methylated seed oil when needed.
 - Fill remainder of spray tank.
- Always refer to label of other pesticide products for mixing directions and precautions which may differ from those outlined here.
- Since many of the herbicides listed on the label are available in several types of formulations, it is advisable to perform a jar test to check physical compatibility.

Gramoxone[®] SL is a Restricted Use Pesticide

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Besiege[™] Insecticide

- Besiege[™] is a foliar insecticide providing fast knockdown and long-lasting residual control of lepidopteran pests, as well as economically important sucking and chewing insect pests in row crops
- Premix formulation of two active ingredients: chlorantraniliprole (CTPR) and lambda-cyhalothrin (LCY)
- Formulation: 2:1 ratio of CTPR and LCY
 - 1.25 lbs. a.i./gallon: 0.835 lbs ai CTPR; 0.417 lbs ai LCY;
 - Lambda-cyhalothrin is formulated in patented Zeon[®] microcapsules
- Pack size: 2 x 2.5 GA
30 gal drum

Classification: Public

Besiege is a Restricted Use Pesticide.

Besiege is not currently registered for sale or use in all states.

 **Besiege**[™]

syngenta[®]

BesiegeTM Insecticide

- Current Federal Section 3 Registrations:
 - Cotton
 - Tobacco
 - Pastures
 - Corn (field, seed, sweet and pop)
 - Sugarcane
 - Legumes(peas and beans)
 - Alfalfa/Alfalfa grown for seed

Classification: Public

Besiege is a Restricted Use Pesticide.

Besiege is not currently registered for sale or use in all states.



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BesiegeTM Insecticide

Key Target Pests by Crops

- **Cotton:** Fall armyworms, bollworms, loopers: 9 to 12.5 oz/a
- **Tobacco:** Hornworms, budworms: 5 to 7 oz/A
- **Pasture:** Cutworms, armyworms, loopers: 5 to 9 oz/A
- **Seed Corn/Sweet Corn:** Corn earworm, silk-clippers: 5 to 9 oz/a
- **Sugarcane:** Lesser cornstalk borer, Mexican rice borer: 8 to 10 oz/a
- **Legume Vegetables:** Western bean cutworm, armyworms, webworms, beetles, leafhoppers, weevils: 6 to 9 oz/a
- **Alfalfa/Alfalfa GFS:** Alfalfa caterpillar, cutworms, loopers, armyworms, weevils 6 to 9 oz/a

Classification: Public

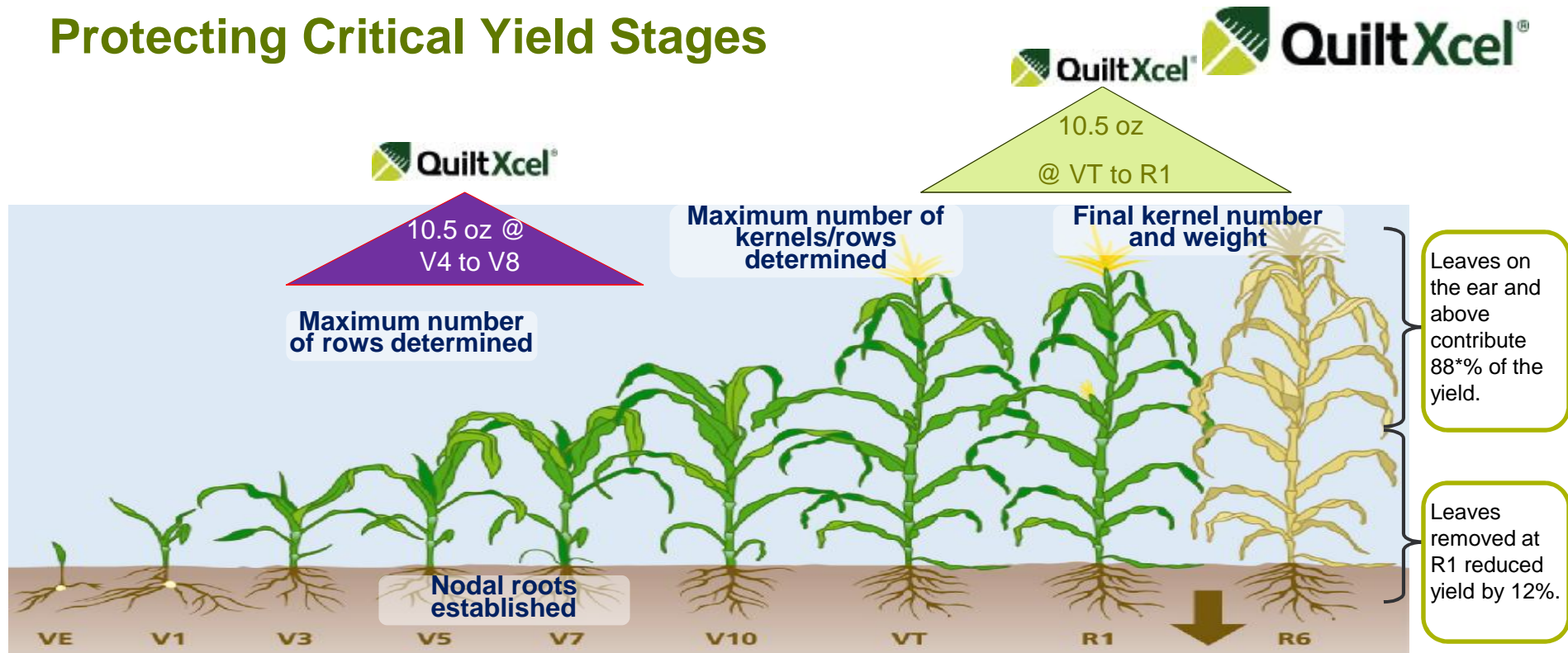
Besiege is a Restricted Use Pesticide.

Besiege is not currently registered for sale or use in all states.

 **Besiege**TM

syngenta®

Protecting Critical Yield Stages



Quadris fungicide early positions corn for maximum yield at a critical growth stage through:

- Preventive disease control
- Better stress response
- Increased Plant Performance

Quilt Xcel fungicide at 10.5 oz/A can be used for additional curative disease control and resistance management.

Quilt Xcel allows corn to obtain maximum yield during grain development and fill through:

- Curative disease control
- Longer-lasting preventive disease control
- Plant Performance benefits



Why the name change?

- Moddus is the trade name in South America where the product has been used very successfully for several years and Syngenta wanted to keep the brand consistent
- Syngenta wanted to differentiate Moddus in sugarcane from Palisade in the grass seed and cereal markets





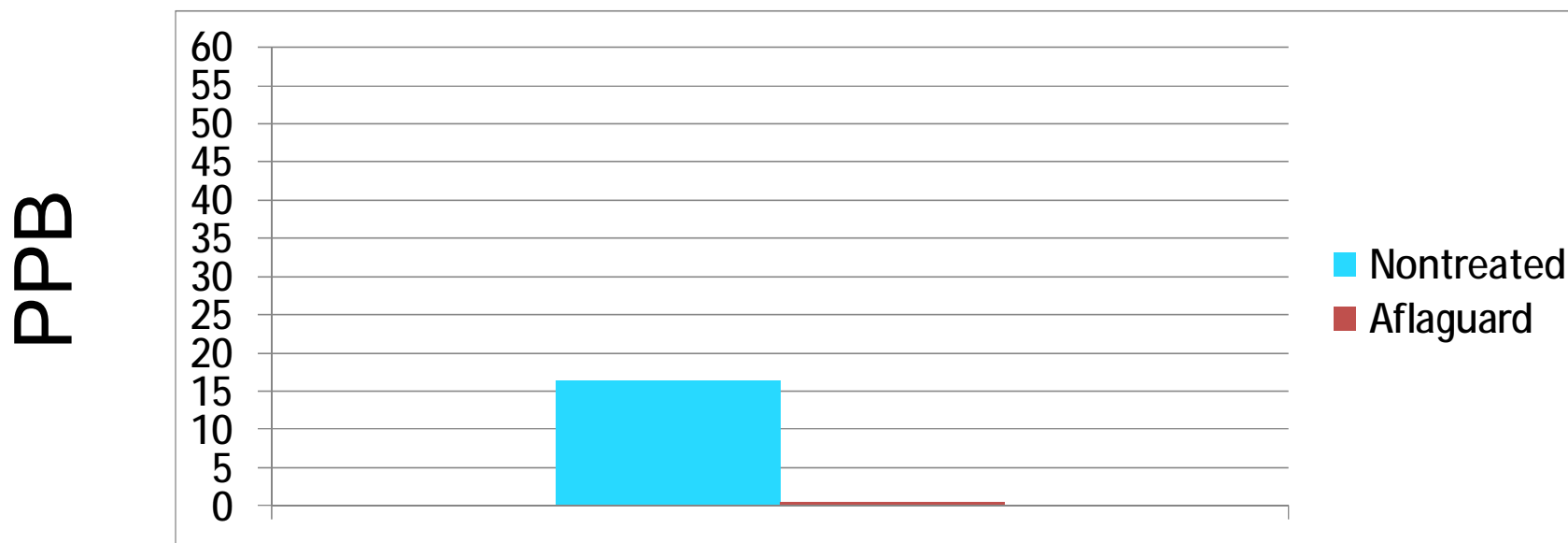
Have acquired Federal registrations for Quilt Xcel, Quadris, and Tilt. State registrations for use in sugarcane are pending but are expected soon.

Quilt Xcel will be our lead brand in the sugarcane market

- The Power of Two modes of action to help with resistance management
- Excellent activity against Brown Rust and Orange Rust



2011/12 Afla-Guard MS/LA Combined



Aflatoxin reduced by 99% in all trials. Trials located in MS and LA in 2011 and 12. Analysis conducted at by Dr. Hamad Abbas lab in Stoneville, MS and independent grain facilities. A total of 20 locations. Aflatoxin levels ranged from 0 to 92 PPB.

Important: Always read and follow label directions before buying and using Syngenta products. The instructions contain important conditions of sale, including limitations of warranty and remedy. When using products registered under FIFRA Section 24(c), you must comply with all limitations for use set forth in the 24(c) registration. Please refer to the Section 24(c) label for instructions, including limitations of warranty and remedy.

AAtrex, Aatrex 4L, AAtrex Nine-O, Agri-Mek, Avicta Duo, Bicep II Magnum, Bicep Lite II Magnum, Curacron, Cyclone Star, Denim, Endigo ZC, Epi-Mek, Expert, Force, Force CS, Force 3G, Gramoxone Inteon, Karate, Karate EC, Karate with Zeon Technology, Lexar, Lumax, Proclaim, Scimitar GC, Voliam Xpress, Warrior, Warrior with Zeon Technology and Warrior II with Zeon Technology are Restricted Use Pesticides.

Actara, Afla-Guard, Alto, Axial TBC, Durivo,, Flexstar GT, Graduate A+, Inspire, Inspire Super MP, Inspire XT, Omega 500F, Platinum, Quadris Xtra, Quilt Xcel, Revus, Revus Top, Voliam Flexi and Voliam Xpress are not currently registered for sale or use in all states. Please check with your state or local extension service before buying or using these products. As of this time, Endigo is not currently registered in NY and Envoke is currently registered for use in the following states: AL,AR,AZ,CA,FL,GA,KS,KY,LA,MO,MS,NC,NM,OK,SC,TN,TX and VA. If your state is not listed, please check with your state or local extension service before buying or using this product.

Actara, Agri-Mek, Centric, Curacron, Denim, Durivo, Endigo, Karate with Zeon Technology, Karate, Platinum, Proclaim, Voliam Flexi, Voliam Express, Warrior with Zeon Technology, and Warrior II with Zeon Technology are highly toxic to bees exposed to direct treatment on blooming crops and weeds. Do not apply these products or allow them to drift onto blooming plants while bees are foraging adjacent to the treatment area.

AAtrex®, AAtrex® Nine-O™, Abound®, Achieve®, Actara®, Actigard®, Adigor®, Afla-Guard®, AgBiz™, AgExpert™, AgriEdge®, AgriEdge Excelsior®, AgriEdge Escalate™, Agri-Mek®, Agrisure®, Alamo®, Alto®, Amber®, Apron®, ApronMaxx®, ApronMaxx® RTA®, Apron XL®, Arbotect®, Armor®, Avicta®, AVICTOR™, Avid®, Award®, Axial®, Barricade®, Beacon®, Bicep II Magnum®, Bicep Lite II Magnum®, Blockade®, Boundary®, Bravo®, Bravo Ultrex®, Bravo Weather Stik®, Bring Plant Potential to Life®, Callisto®, Callisto Plant Technology®, Cannonball®, Camix®, Caparol®, Centric®, Citation®, Citrus Scout®, Citrus Solutions®, Clinch®, Concep®, Cotton Advantage®, Cruiser®, Cruiser Extreme®, CruiserMaxx®, Cruiser Maxx®, Curacron®, CustomerLink™, Cyclone Star®, Daconil®, Daconil ULTREX®, Daconil Zn®, Daconil WeatherStik®, Demand®, Demon®, Denim®, Discover®, Dividend®, Dividend XL RTA®, Dividend Extreme®, Dual Magnum®, Dual II Magnum®, Dual II G Magnum™, Durivo®, Dynasty®, Dynasty CST®, Eagle View™, Endigo®, Endeavor®, Envoke®, Epi-Mek®, Evik®, Expert®, FarmAssist®, FarMore®, Flagship®, Flexstar®, Fulfill®, Fusilade®, Fusion®, Glyphosate with Residual™, Graduate®, Gramoxone Inteon®, Halex® GT, Havoc®, Headway®, Helix®, Helix XTra®, Heritage®, Hurricane™, IQ Technology™, Inspire®, Instrata®, Isolink™, Karate®, Karate with Zeon Technology™, Lexar®, Lumax®, Maxim®, Medallion®, Mentor®, Meridian®, Mertect®, Mespert™, NorthStar®, Omega®, Orion®, Orbit®, Palisade®, Peak®, Pirimor®, Plant Performance™, Platinum®, Platinum Ridomil Gold®, Powered by Cruiser®, Power of Two™, Prefix®, Prime+™, Princep®, Princep® Caliber 90®, Proclaim®, Protégé®, Quadris®, Quadris Opti®, Quadris Ridomil Gold®, Quadris X-Factor™, Quadris Xtra®, Quilt®, Rave®, Reflex®, Reglone®, Resistance Fighter™, Revus®, Revus Top®, Ridomil®, Ridomil MZ®, Ridomil Gold®, RTA®, Scholar®, Scimitar®, Seed Care™, Sequence®, Solicam®, Spirit®, Spud Solutions®, Supercharge®, SuperWeatherStik®, Suprend®, Switch®, Syngenta Seed Care™, Tecto®, The AVICTOR™, The power to perform™, Thiolux®, Thiolux® Jet/Tilt®, Tilt®, Tilt Bravo™, Traxion®, Touchdown®, Touchdown HiTech®, Touchdown Pro®, Touchdown Total®, Trigard®, Trigard® Accu-Pak®, Trimit®, Tuffcide®, Underground Security™, Uniform®, Vanguard®, VipCot™, Voliam Flexi™, Voliam Xpress®, Wakil®, Warrior®, Warrior with Zeon Technology®, Warrior II with Zeon Technology®, Weather Stik®, Weatherblok®, Zyrox® and the Syngenta logo are trademarks of a Syngenta Group Company. SIGNIA® and SIGNIA® Fiber are trademarks of a Syngenta Group Company and are licensed to the SIGNIA Cotton Cooperative. NK is a business unit of Syngenta Seeds, Inc. Omega® is a registered trademark of Ishihara Sangyo Kaisha, Ltd .

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