



Science For A Better Life

2014 LATMC

Product Update Sam Garris

**New Capreno herbicide
will provide tough grass
and broadleaf weed
control with longer
residual all without
glyphosate dependency.**



Crop Rotation



- 0 Months – Field corn
- 4 Months - Wheat
- 10 Months – Cotton, grain sorghum, rice, soybean





Corvus[®] Herbicide

One Pass. Zero Doubts.

Corvus



Crop Rotation:

- 0 Months – Field corn
- 4 Months - Wheat
- 9 Months – Soybean
- 10 Months – Cotton, rice
- 11 Months - Peanut



Precautions:

- Organophosphate insecticide interaction
- No not use Capreno or Corvus if an OP soil insecticide is applied
- Foliar applications of an OP or Carbamate insecticide should not be made within 7 days of an application of a Capreno or Corvus





Capreno and Corvus are safe for use on ALS sensitive corn hybrids



Huskie®

Using Huskie in Grain Sorghum

- **Huskie is an excellent tool for postemergence broadleaf weed control in sorghum**
- **Huskie is a new herbicide tool for sorghum growers and contains both HPPD and PSII active ingredients.**
 - **Pyrasulfotole – 0.31 lbs a.i./gal**
 - **Bromoxynil – 1.75 lbs a.i./gal**
- **Huskie provides control of the toughest broadleaf weeds including Morningglory, hemp sesbania, Palmer amaranth, pigweed sp., smartweed, and velvetleaf.***

** See label for entire list of 47 broadleaf weeds controlled*

Using Huskie



- **Huskie may be applied to actively growing sorghum between 3 leaf up to 30 inches and/or flag leaf emergence, whichever comes first.**
- **Apply the appropriate dosage by ground application in a minimum of 10 or more gallons of water per acre.**
 - In denser canopies or larger weeds, 15 gallons of water per acre should be used so that thorough spray coverage will be obtained.
- **Use 12.8 -16 ounces of Huskie per acre by ground.**
 - Tankmix Huskie with with 0.25 – 1.0 pound atrazine per acre to strengthen and expand weed control
 - 1 lb of ammonium sulfate (AMS) per acre is recommended to optimize herbicidal activity
- **Two applications of Huskie up to a total of 32 ounces may be applied per year. A maximum of 16 ounces of Huskie per acre per application may be applied.**

Using Huskie

- **Use NIS at ¼% v/v or NIS + AMS premixes. Do not use COC**
- **Use a 1:1 ratio of Huskie + Iron Chelate**
- **Huskie only provides postemergence control of broadleaf weeds**
- **Excellent control of Palmer amaranth**
- **Ground application only**
- **Thorough spray coverage is required.**



Liberty[®]

**LIBERTY
LINK[®]** 

The Most Reliable Solution to manage glyphosate-resistant weeds

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Bayer CropScience

GlyTol[®] LIBERTY LINK[®] COTTON

- Available in FiberMax and Stoneville varieties
- Full tolerance to glyphosate and Liberty (glufosinate-ammonium) applied solo or in sequential applications
- Multiple application timings evaluated
2-4 lf, 6-8 lf, lay-by (early bloom), pre harvest (0-10% open bolls)
- Tested with a wide range of glyphosate formulations
- Tank-mix application with BCS portfolio and common partners possible



▶ Full tolerance to Glyphosate and Liberty and full flexibility for weed management



Liberty[®]

**LIBERTY
LINK[®]** 



HBK[®]
SEED 



The future

Respect the Rotation

Focus on building a solid herbicide-tolerant trait platform for the future to ensure growers have access to robust weed resistance management programs



Liberty[®]

- **Powerful and reliable control of important weeds**
- **Unique mode of action that offers a nonselective solution**
- **Liberty is a contact herbicide requiring thorough spray coverage:**
 - **Use nozzles and pressure to achieve medium droplets (250 to 350 μm)**
 - **Use higher spray volumes (15 GPA), especially for dense weed canopy**
- **Time applications to target small, actively-growing weeds**
- **Use residual herbicides in a program with Liberty**



Liberty in LibertyLink Soybean

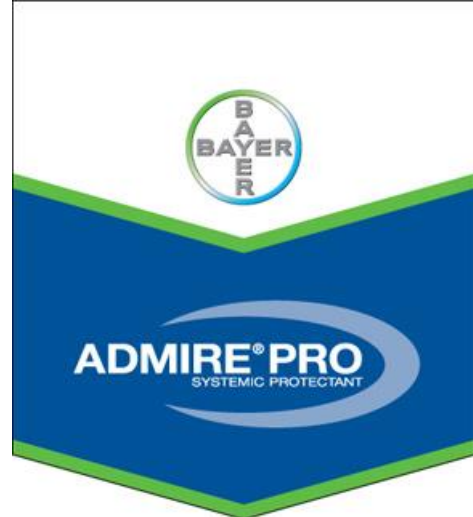
- **General guidelines:**
 - Burndown program should include residual herbicides effective against pigweed and other weeds
 - Use preplant or preemergence herbicides
- **LibertyLink Soybeans:**
 - **First app: Liberty at 29 oz/A - 14 days after soybean emergence (weeds <4")**
 - tank mix residual herbicide with Liberty
 - 36 oz/A if pre not activated or weeds >4" tall
 - if weeds are >4", second application 10d after first
 - **Second app: Liberty at 29 oz/A for new emergence**
 - Up to 65 oz/A may be used per season
- **Do not apply Liberty after soybeans begin to bloom.**

Liberty in LibertyLink Cotton

- **General guidelines:**
 - Burndown program should include residual herbicides effective against pigweed and other weeds
 - Use preplant or preemergence herbicides such as Reflex® (preplant) or Cotoran®, Caparol®, or Direx® (preemergence)
 - Liberty 29 oz/A – Season max is 87 oz/A
 - Liberty 30 – 43 oz/A – Season max is 72 oz/A
- **LibertyLink Cotton:**
 - First app: Liberty 29 oz/A + Dual®, 10-14 days after cotton emergence (3-4 lf) (before weeds exceed labeled height)
 - use Liberty at higher rate if weeds in excess of 4”
 - Second app: Liberty 29 oz/A, 10-14 days after first POST treatment (8-10 lf) (before weeds exceed labeled height), add Dual® to over-lap residuals, especially if first application is not activated or high weed pressure
 - Liberty 29 oz/A, third application to new weed emergence (if necessary)
 - Layby with Valor® + MSMA (Do not use glyphosate or Liberty)

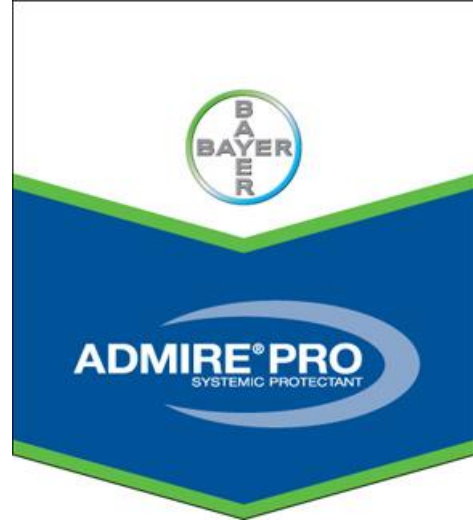
Admire Pro for Cotton

- Active Ingredient - Imidacloprid
- Formulated as 4.6 lbs a.i./gal
- Can be applied infurrow or foliar
- Foliar Application : 0.9 – 1.7 oz/ac
- Seasonal Total : 8.7 oz/ac
- Container size – 140 oz
- Shake container well



Other Foliar Uses

- Fruiting Vegetables – Group 8
- Brassica Leafy Vegetables – Group 5
- Legume Vegetables – Group 6
- Sweet Potato
- Strawberry
- Blueberry
- Citrus
- Pecan



**QUICK STRIKE™
TECHNOLOGY =
MORE POWERFUL,
BROAD-SPECTRUM
INSECT CONTROL.**



BAYTHROID® XL



QUICK STRIKE
TECHNOLOGY



THANK YOU!