



Bayer CropScience



Science For A Better Life

LACA
February 12-14, 2020

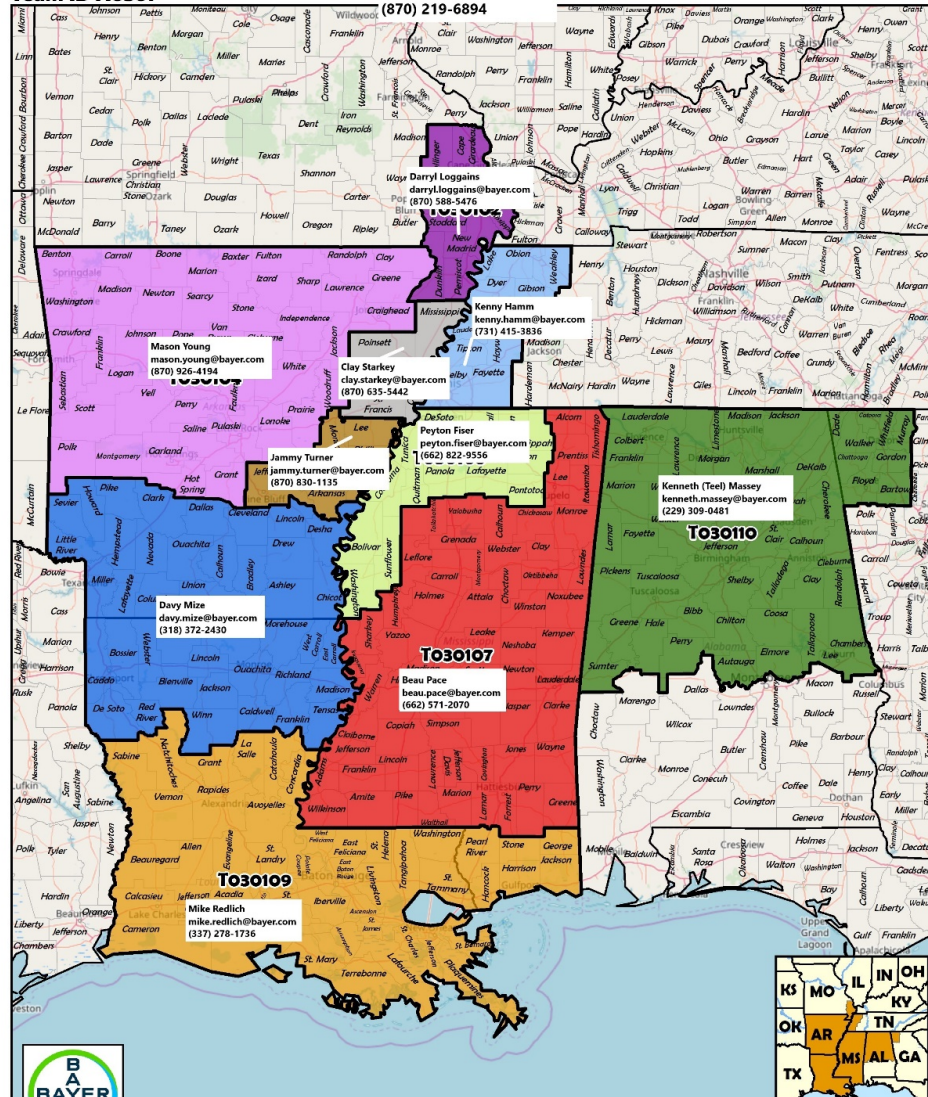
Product Update

Davy Mize

John Hand - Delta

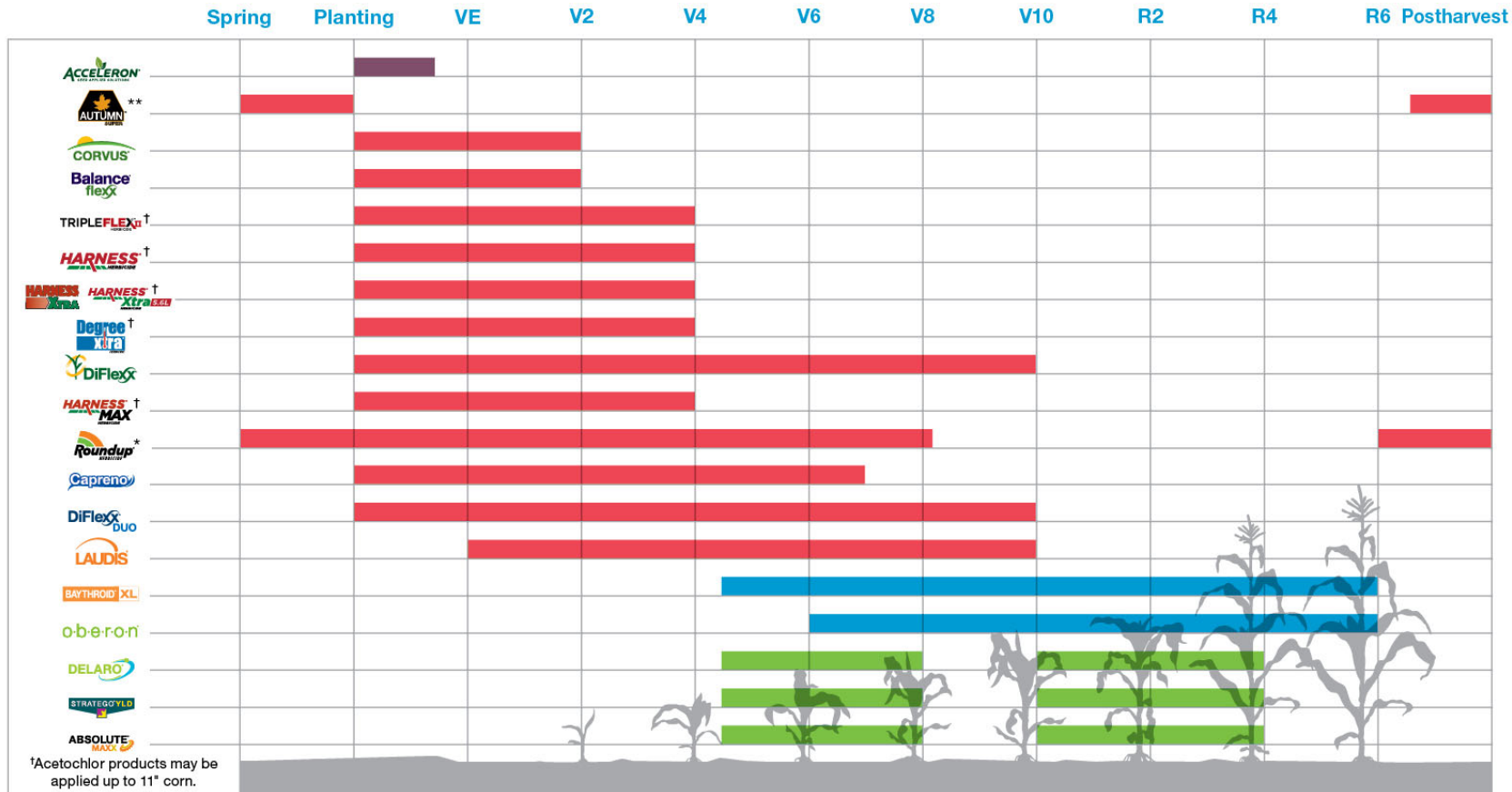
Team ID A0301

john.hand@bayer.com
(870) 219-6894



Corn Solutions from Start to Finish

Application Timing



*Acetochlor products may be applied up to 11" corn.

*Encompasses full portfolio of Roundup® Brand Agricultural Herbicides (Roundup PowerMAX®, Roundup PowerMAX II and Roundup WeatherMAX® Herbicides). Postemergence application rates are indicated for corn with Roundup Ready® 2 Technology. Postemergence use may not be allowed, or use rates may vary, for other corn products.

**Only up to 30 days before planting.

IMPORTANT: This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

Legend: ■ Seed Treatment ■ Herbicides ■ Insecticides ■ Fungicides

For more information on herbicide group numbers and site-of-action options, visit IWillTakeAction.com

For more information, visit www.CropScience.Bayer.us



Harness[®] MAX Herbicide - Overview

Convenient pre-mix herbicide launched in 2018



Active Ingredients and Site of Action:

//  Acetochlor (3.52 lbs ai/gallon) +  Mesotrione (0.33 lbs ai/gallon) + furilazole

Formulation:

// Suspoemulsion (SE)

Labeled Crops:

// Field Corn, Production Seed Corn, Yellow Popcorn

Application Window:

// Preplant (surface and incorporated), at-planting/preemergence, early postemergence-
up to 11" corn

Application Rates:

// PRE = 55 to 95 fl oz/A

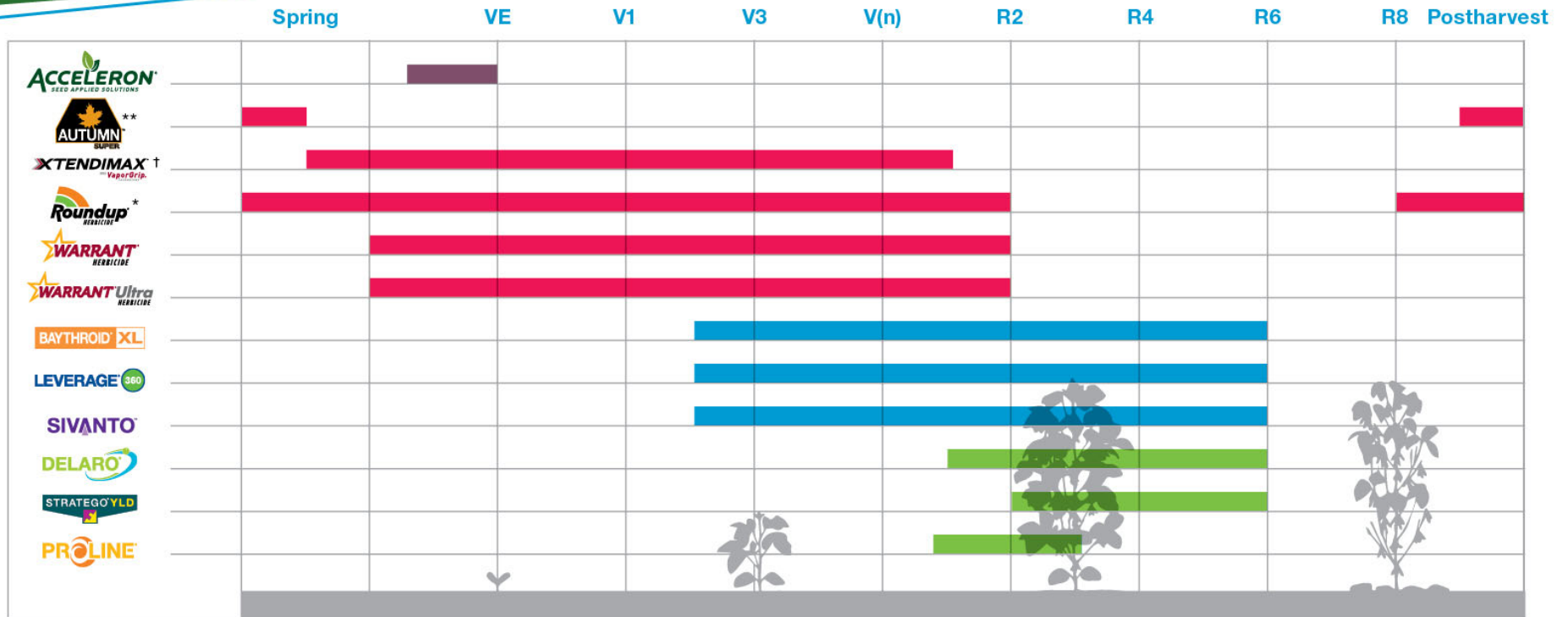
// POST = 40 to 75 fl oz/A

// Consult label for specific use rates by soil type and organic matter



Soybean Solutions from Start to Finish

Application Timing



*Encompasses full portfolio of Roundup® Brand Agricultural Herbicides (Roundup PowerMAX®, Roundup PowerMAX II and Roundup WeatherMAX® Herbicides). Postemergence application rates are indicated for soybeans with Roundup Ready® Technology. Postemergence use may not be allowed, or use rates may vary, for other soybean products.

**Only up to 60 days before planting.

†No more than 45 days after planting. Postemergence application rates are indicated for Roundup Ready 2 Xtend® soybeans. Postemergence use may not be allowed, or use rates may vary, for other soybean products.

IMPORTANT: This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

■ Seed Treatment ■ Herbicides ■ Insecticides ■ Fungicides

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Warrant® Ultra Herbicide Product Information



Active Ingredient(s), Loading and Site(s) of Action:

- // Group 15: acetochlor (micro-encapsulated)-2.82 lbs ai/gal; Very long chain fatty acid inhibitor
- // Group 14: fomesafen (0.63 lb ai/gal); PPO inhibitor

Formulation:

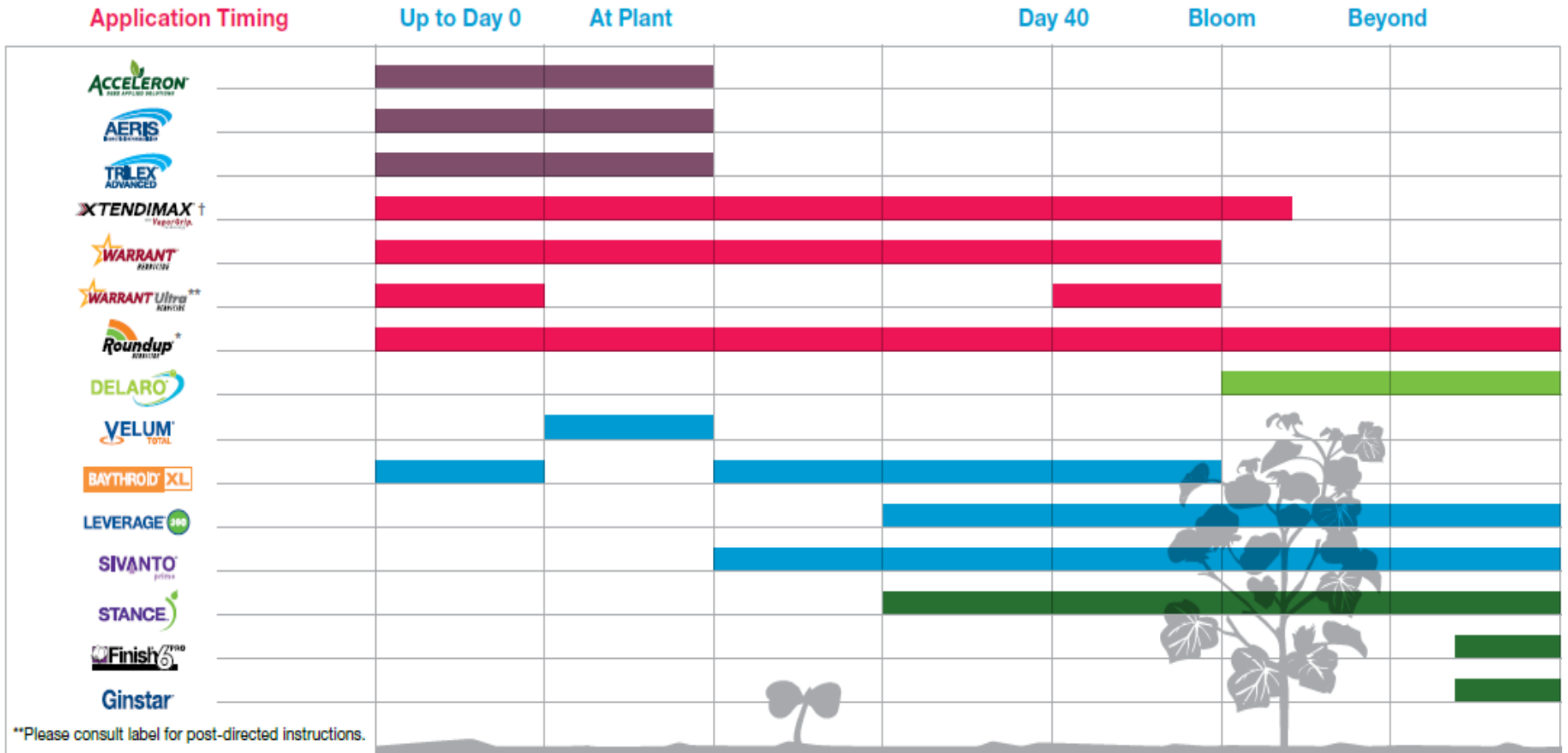
- // Capsule Suspension (CS)

Labeled Crops, Application Window and Use Rates: see details on following slides

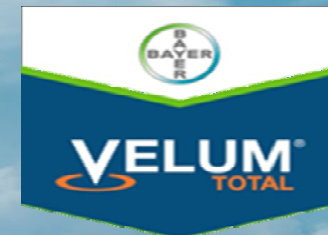
- // **Soybean:** Preplant, at planting/preemergence, postemergence (before R2): 48-70 fl oz/A
- // **Cotton:** Preplant, at planting/preemergence, post-directed (6" cotton through layby)
 - // Preplant, at planting use rates: 48-60 fl oz/A
 - // Post-directed (all soil types): 48-65 fl oz/A



Cotton Solutions from Start to Finish



Technical Nuts and Bolts



- ⚡ **Active Ingredients:** Fluopyram + Imidacloprid
- ⚡ **Chemical class:** Pyridinyl benzamide + Neonicotinoid
- ⚡ **Formulation:** Soluble Concentrate (SC) containing:
1.50 lbs. FLUOPYRAM and 2.17 lbs. IMIDACLOPRID per gallon
- ⚡ **Mode of action:**
 - ⚡ Nematodes & Diseases: Fluopyram
 - SDH-Succinate De-hydrogenase (SDHI) inhibitor (FRAC Group 7)
 - ⚡ Insects: Imidacloprid
 - Nicotinic acetylcholine receptor (nAChR) agonist (IRAC Group 4A)
- ⚡ **Route of intoxication**
 - ⚡ Contact and ingestion activity
 - ⚡ Xylem systemic

Velum Total Application Information



• Application Methods – Row Crop:

- At plant in-furrow.
- Chemigation (sub-surface).
- Perfect fit for variable rate and site specific applications.
- Cotton – 14 to 18 oz/ac
- Peanuts – 18 oz/ac

• Tank mix:

- SC formulation is compatible across a wide range of agricultural products.
- Compatible with all popular peanut inoculants.

- **Velum Total does not control** the early season diseases *Pythium sp.* or *Rhizoctonia sp.* and will require a seedling disease fungicide package in cotton (e.g. Allegiance[®], EverGol[®] etc.).

Velum Total is not registered by the U.S. Environmental Protection Agency. Registration is pending.

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PLUS

REWARDS