



2026 ADAMA COTTON PROTECTION

**Proven solutions.
Exceptional yields.**



ADAMA

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Protect your Cotton Crop Investment

From planting to harvest, ADAMA solutions protect every stage of the cotton lifecycle and improve yield potential.

ADAMA cotton crop protection solutions are pivotal for growers to not only defend plants and control pests, but also to increase marketable cotton yields. ADAMA understands that the challenges of varied growing conditions and localized plant pest pressures call for solutions that can be tailored to meet your exact requirements. That's why we offer an extensive portfolio of foundational herbicides, insecticides and harvest aids that are proven to economically meet the needs of cotton growers across the United States.

ADAMA has you covered with:

- Solutions that span the entire growing lifecycle, from preemergent herbicides to in-season insect management to plant growth regulators that assist growers during harvest
- Decades of cotton experience and proven, trusted brands including Cotoran[®], Diamond[®], Setup[®], Klean-Pik[®] and Redi-Pik[®]
- The resources and knowledge base of the world's largest crop protection group with the industry's largest library of active ingredients
- Dedicated personnel and resources across the U.S. cotton belt that know your markets, local growing conditions and challenges

Promote Higher Yields with ADAMA Cotton Solutions

An integrated strategy using ADAMA herbicides, insecticides and harvest aids provides reliable crop protection while stimulating growth for your cotton and your bottom line. Measurable yield increases and more economical cotton production are demonstrated by effective weed control using Cotoran® herbicide with reduced stress on young cotton plants. Field data shows that targeted Diamond® insecticide applications document up to 90% population control* of plant bugs, triggering yield responses of up to 359 lbs. of additional lint per acre.



2nd Week
Squaring

1st
Flower

3rd Week
Flower



359 lbs.
of additional
lint per acre

Diamond triggers a yield response in cotton—3 targeted applications of Diamond at 2nd week squaring, 1st flower and 3rd week flower can lead to average yield increase of 165-195 lbs of lint per acre or 359 lbs of additional lint total.**

Innovation is at the root of superior solutions.

ADAMA cotton solutions are created by what we learn from ag retailers and growers like you. Our focus is on helping you succeed by protecting what's important. We are dedicated to developing cotton crop protection innovations that help you produce the highest quality and yield potential.

*Starkville, MSU

**Gore, MSU 2010 and Demo blocks 25-30 acres, Diamond applied at 6 fl oz/ac

Nobody Protects Cotton Like ADAMA

Help your cotton thrive with a complete portfolio
of protection against weeds, insects and diseases.

Herbicides



Arrow® 2EC

Controls the most troublesome postemergence annual and perennial grass weeds in cotton.



Cotoran® 4L

Offers the broadest spectrum of grass and broadleaf weed control in cotton, including herbicide-resistant Palmer Amaranth pigweed, morningglory and marestail. With two sites of activity, Cotoran offers the optimal combination of protection and efficacy with an alternate mode of action that provides residual control up to 2-1/2 weeks. **Not registered in CA.**



Direx® 4L

Controls most broadleaf and grass weeds applied preplant, preemergence or postemergence, direct from 6-inch cotton to layby. This broad-spectrum liquid formulation is an effective method for managing glyphosate-resistant Palmer Amaranth pigweed and marestail or horseweed in cotton, with up to 3-1/2 weeks of residual control.

Galigan® 2E and Galigan® H2O

A powerful residual partner in combination with Oryzalin to control 85 grasses and broadleaf weeds and an ideal tank-mix partner for glyphosate or paraquat to pick up escapes.



Karmex®

A dry flowable formulation of diuron for broad-spectrum weed control with long-term residual activity.



Temper™ More

Temper More from ADAMA not only gives growers a fresh herbicide option to rotate into their programs, it also delivers the performance and control they expect. With the addition of flexible application timing, growers have the peace of mind that they will have marketable yields leading to positive returns on their investment.



Harvest Aids Solutions – Plant Growth Regulators (PGRs)



Klean-Pik® 500 SC

Powerful defoliant that offers excellent tank-mix flexibility with boll openers like Setup. Contains the most popular defoliant active ingredient that promotes faster leaf drop and boll opening.



Redi-Pik® 1.5 EC

Specially suited to the West and Southwest cotton markets, Redi-Pik is an excellent defoliant and regrowth inhibitor that delivers clean, consistent foliage drop with no leaf stick.



Setup® 6SL

Opens nearly 98% of mature, unopened bolls within 7 to 14 days of treatment, helping boost overall yield and harvestability.



90% Insect population reduction and prevention

2nd application of Diamond during the season will reduce female egg laying by 56% and egg viability by 75%—this means 90% population reduction and prevention*

*Starkville, MSU

Insecticides



Acephate 97 WDG

Water-dispersible dry formulation that provides consistent, economical control of thrips, plant bugs, aphids and whiteflies.



Alias® 4F

A unique 4lb formulation that provides long-lasting, economic control of whiteflies, aphids, glassy-winged sharpshooters and many more.



Cormoran®

Serious insect protection that controls both egg and larva of target pests, Cormoran is a foliar-applied ovicide/larvicide that provides both knockdown and extended residual control. Cormoran controls a broad range of damaging insect pests and effectively manages resistance with two modes of action.



Diamond®

The backbone to successful plant bug management. As an Insect growth regulator (IGR), Diamond provides control against common yield-robbing pests including plant bugs, caterpillars, stink bugs and fleahoppers. A third-generation chitin inhibitor, Diamond interferes with insect development, resulting in reduced egg lay and hatch, yet is IPM friendly and moderate on beneficials.

Fanfare® EC

A long-lasting, broad-spectrum control of numerous damaging insects that supports resistance-management strategies in cotton.



Fulfill®

A powerful aphid solution with a unique mode of action that quickly inhibits feeding 15-20 minutes after ingestion, resulting in insect death. Effective against aphid nymphs and adults with minimal impact on beneficial insects, Fulfill is also shown to reduce the spread of some persistently transmitted plant viruses.



Silencer®

The premier generic lambda-cyhalothrin that provides fast knock-down activity targeting armyworms, cutworms, loopers, plant bugs and weevils.



Silencer® VXN

A powerful insecticide that delivers extended residual while rapidly controlling major economic cotton pests including armyworms, cutworms, loopers, plant bugs and weevils. Silencer VXN offers modern formulation technology that reduces human and environmental exposure, yet provides excellent in-season control and faster insect knockdown than many restricted-use pesticides.



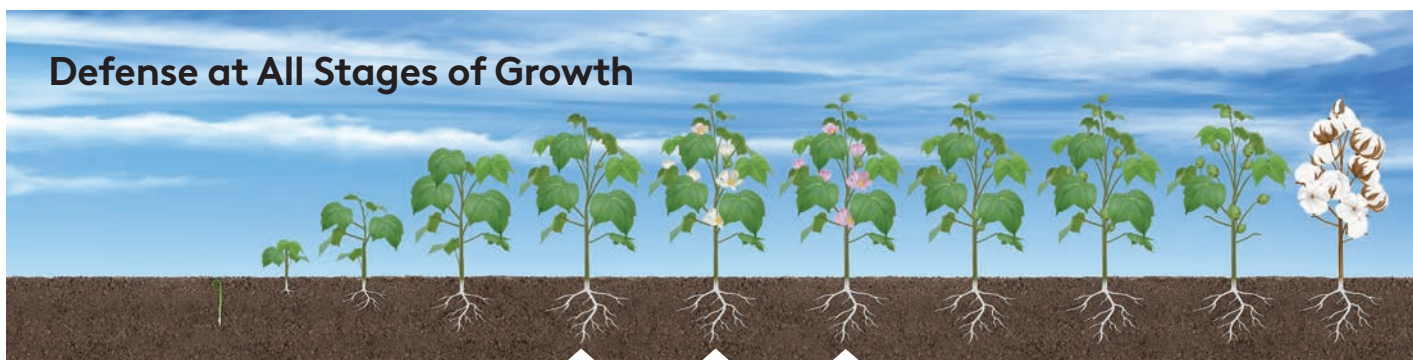
Fungicides



Maxentis™ SC

Maxentis SC is an optimized mixture of prothioconazole and azoxystrobin. It delivers control of frogeye leaf spot with breakout performance and increases plant health.

Defense at All Stages of Growth



					2nd Week Squaring	1st Flower	3rd Week Flower					
HERBICIDES												
Arrow® 2EC	Fallow Bed	Over the Top										
Cotoran®	Pre-emerge			Post-Directed	No application after 1st bloom							
Direx® 4L	Pre-emerge			Post-Directed	No application after 1st bloom							
Galigan® 2E Galigan® H20				Post-Directed	No application after 1st bloom							
Karmex®	Pre-emerge			Post-Directed	No application after 1st bloom							
Temper™ More	Pre-emerge	Post (Glufosinate-tolerant)			No application after 1st bloom							
INSECTICIDES												
Acephate 97 WDG												
Alias® 4F												
Cormoran®	Not used till squaring											
Diamond®	Not used till squaring											
Fanfare® EC												
Fulfill®												
Silencer® Silencer® VXN												
FUNGICIDES												
Maxentis™ SC												
HARVEST AIDS												
Klean-Pik® 500 SC												
Redi-Pik® 1.5 EC												

HERBICIDES

Arrow 2EC – PHI 60 days

Cotoran

Can be applied over the top from 3 inches to layby. Not a common recommendation though as over the top applications can burn the cotton. Refer to the label for your specific soil types when using for preemerge applications in Mid-South.

Not registered in CA.

Direx 4L

Refer to the label for your specific soil types when using for preemerge applications in Mid-South.

Galigan 2E & H2O

Selective herbicide for use as a post-directed application for broadleaf weed control in cotton.

Karmex

Refer to the label for your specific soil types when using for preemerge applications in Mid-South.

Temper More

This product may be applied post emergence to non glufosinate-resistant cotton by using equipment designed to minimize contact of the spray with the cotton foliage (hooded spray equipment).

INSECTICIDES

Acephate 97 WDG – PHI 21 days

Alias 4F – PHI 14 days

Cormoran – PHI 30 days

Normal use doesn't begin until aphids show up (generally after July 4th).

Diamond – PHI 30 days

Use throughout the season, beginning at second week of squaring.

Fanfare EC – PHI 14 days

Fulfill – PHI 21 days

Silencer & Silencer VXN – PHI 21 days

HARVEST AIDS

Klean-Pik 500 SC – PHI 5 days

Redi-Pik 1.5 EC – PHI 5 days

May be used a few days earlier for preconditioning.

Setup 6SL – PHI 7 days



We Help You Protect Crop Sustainability Too

Best practices that play a role in your program
success and management of your land.

ADAMA is focused on your success—through the development of crop protection innovations, and in the responsible use of our products that will help protect the long-term productivity of your land. We view the proper use and application of our products as a shared responsibility between you, your land and us. Here are some best practices that help create higher value yields while protecting your future.

1

Set a Foundation

Establishing clean fields and the use of pre-emergent herbicides and early-use insecticides helps reduce unnecessary applications. The time to prevent weeds, insects and plant disease is before they become a problem.

2

Rotate Crops

Rotating your crops based on what will return maximum yield is not only a good strategy for business profitability, it also reduces the development of herbicide resistance through different modes of action, protecting the viability of your land.

3

Follow the Label

To maximize field performance, closely follow the optimized application rates and timing on the product label. The guidance we provide with our products is often based on what we learn from growers like you.

CHAT WITH A MARKET DEVELOPMENT REP TODAY!

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**Call 866.406.6262 or visit
adama.com for more information.**

ALWAYS READ AND FOLLOW LABEL DIRECTIONS. Data on file.

Silencer VXN is a Restricted Use Pesticide.

Not all ADAMA products are registered in all states or counties. Alias, Arrow, Cormoran, Cotoran, Diamond, Direx, Fanfare, Farewell, Fulfill, Galigan, Karmex, Klean-Pik, Maxentis, Redi-Pik, Silencer, Setup and Temper More are trademarks or registered trademarks of an ADAMA Group Company.

For more information and a complete list of labeled crops, visit ADAMA.COM
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