

# New Innovations from BASF

Cotton Technical Update

Louisiana Agricultural Technology &  
Management Conference  
February 16, 2017



*DEDICATED PEOPLE*



*INNOVATIVE PORTFOLIOS*



*PERSONALIZED PLANS*



*RISK PROTECTION*

 **BASF**  
We create chemistry

**Alvin Rhodes**  
BASF Technical Service Rep.

**Grow Smart™**  
with BASF

# Engenia™ Herbicide Regulatory Update

## ■ EPA Registration

- ▶ Conditional 2-year
- ▶ Approved 12-20-16

## ■ Louisiana Registration

- ▶ 24c
- ▶ Approved 1-17-17
- ▶ LDAF approved training

## ■ Labeled Crops

- ▶ DT Cotton
- ▶ DT Soybeans
- ▶ Burndown applications
- ▶ Corn, small grains
- ▶ Sorghum
- ▶ Sugarcane

# Engenia™ Herbicide

## Systems Approach for DT Cotton



Preplant/PRE	POST 1	POST 2
<b>Prowl® H2O + PSII</b>	<b>Engenia™ herbicide (12.8 fl oz/A)</b>	<b>Outlook® herbicide (12 fl oz/A) + glufosinate</b>

Dicamba Tolerant Cotton ONLY

**An effective Engenia™ herbicide program for DT cotton includes  
PRE and POST applications**

Always read and follow label directions. Visit [www.engeniatankmix.com](http://www.engeniatankmix.com) for a list of approved tank-mix partners.

# Engenia™ Herbicide

## Effective Weed Control in DT Cotton



2016 – MS State Research Trial – 6 Days After Last Treatment  
Dundee, MS

Weeds: GR Palmer amaranth



**Glyphosate Program**



**Engenia Herbicide in a Layered Residual Program**

**Reliable Weed Control With the Engenia Portfolio**

Always read and follow label directions. Visit [www.engeniatankmix.com](http://www.engeniatankmix.com) for a list of approved tank-mix partners.

# Outlook<sup>®</sup> Herbicide



## Outlook 6E Herbicide

Active Ingredient: dimethenamid-p

Group 15 Chloroacetamide herbicide

Labeled Crops: Cotton, Corn, Peanut, Soybean, Sorghum

Weeds Controlled: Most small seeded annual broadleaf weeds and grasses

**Outlook<sup>®</sup>**  
Herbicide

# Outlook<sup>®</sup> Herbicide

## Application on Cotton



### Use Rate

- 12 to 16 fl oz/A
- A Pre herbicide tank mix partner is required to control emerged weeds

### Postemergence Application Timing

- First true leaf cotton to 2 weeks after first bloom stage
- DO NOT apply to cotton from emergence through cotyledon stage or injury may occur

**Outlook<sup>®</sup>**  
Herbicide

# Outlook<sup>®</sup> Herbicide

## Application on Cotton



### Weeds Controlled

Grasses	Broadleaf Weeds
Barnyardgrass	Palmer amaranth
Crabgrass, large	Nightshade, species
Goosegrass	Pigweed, species
Johnsongrass, seedling	Purslane, common
Panicum, fall	Spurge, species
Red rice	Waterhemp
Ryegrass, Italian	

**Outlook<sup>®</sup>**  
Herbicide

# Engenia™ Herbicide

## Grower Program – *When Outlook is used*



Grower Program	Engenia Earnings
1.) Outlook	Up to \$8 / Acre
2.) Cumulative Acres of Other Qualifying Brands	\$1 - \$2 / Acre
<b>Max Opportunity on Engenia Acres 12.8 oz</b>	<b><u>Up to \$10 / Acre</u></b>

Outlook Qualification	Redemption rate per Ac	Engenia 12.8 oz
Outlook Herbicide	10 oz	\$5*
	12 oz	\$6
	14 oz	\$7
	16 oz	\$8

\*Outlook earns \$5 / ac when purchased by growers residing in program defined cotton geographies. Otherwise, payment is \$1 per Ac.

- Up to \$10 / Acre available with Outlook as part of a Residual solution.
- Up to \$3 / Acre on Cumulative acres of Qualifying Brands when Outlook is not used
- POS Validation Required
- Subject to program terms & conditions

Other Qualifying Brands	Redemption rate per Ac	Engenia 12.8 oz
Prowl H20 Herbicide	2 pts	\$1
Prowl 3.3EC / PL Herbicide	2.5 pts	\$1
Sharpen Herbicide	1 oz	\$1
Verdict Herbicide	5 oz	\$1
Zidua Herbicide	2 oz	\$1



# Engenia™ Herbicide

Grower Program *when NO Outlook Used*



Grower Program	Engenia Earnings
Cumulative Acres Qualifying Brands	Up to \$ 3 / Acre

• \$1/ac on cumulative acres of qualifying brands. \$3/ac max.

• POS Validation

• Subject to program terms and conditions

Qualifying Brands	Redemption rate per Ac	Engenia 12.8 oz
Extreme Herbicide	2 pts	\$1
Prowl H2O Herbicide	2 pts	\$1
Prowl 3.3EC / PL Herbicide	2.5 pts	\$1
Optill Herbicide	2 oz	\$1
Optill Pro Herbicide	1/20 jug	\$1
Outlook Herbicide	10 oz	\$1*
Sharpen Herbicide	1 oz	\$1
Verdict Herbicide	5 oz	\$1
Zidua Herbicide	2 oz	\$1
Zidua Pro Herbicide	4.5 oz	\$1

\*Outlook earns \$5 / ac when purchased by growers residing in program defined cotton geographies. Otherwise, payment is \$1 per ac.



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