

# 2018 State Regulatory Restrictions for Dicamba

2018  
The  
Pesticide  
Stewardship  
Alliance  
Conference

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**Pat Jones**, North Carolina Dept. of Agriculture &  
Consumer Services

**Carol Black**, Washington State University

# States with Additional Restrictions

C. Black, WSU  
January 2018

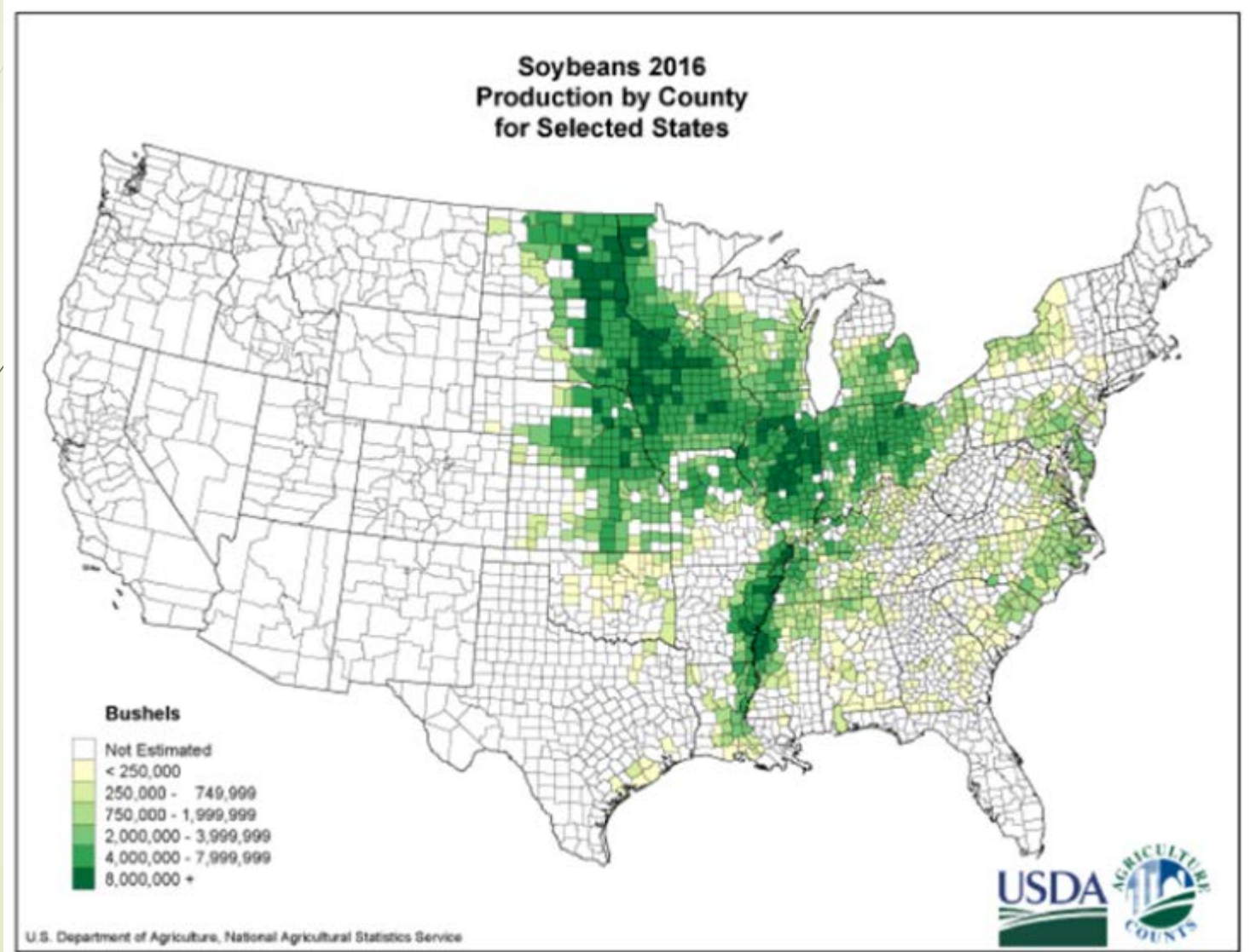


GULF OF MEXICO

0 100 200 300 mi

# Need to Set the Stage for Soybean Production

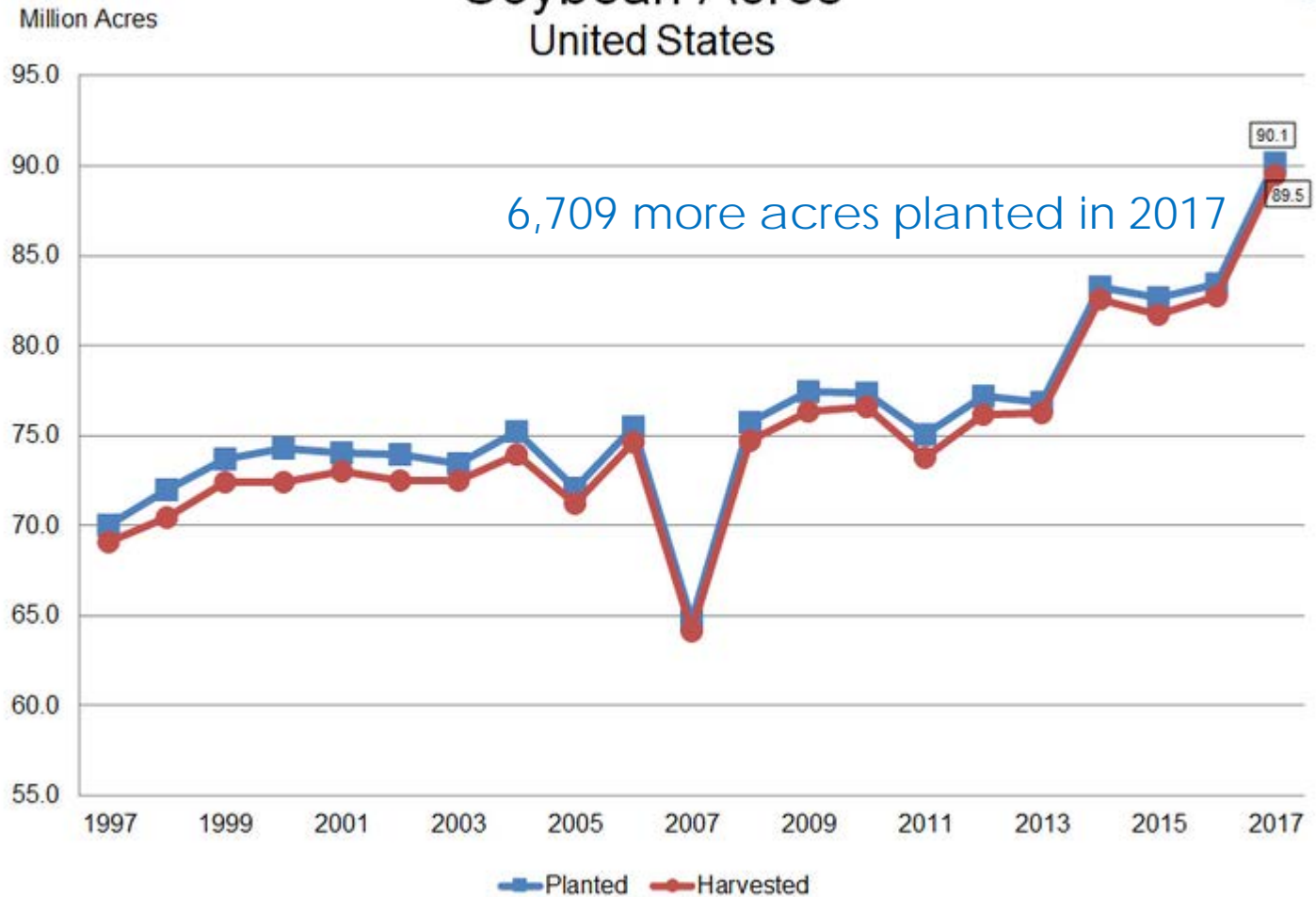
## 2016 Soybean Acreage and States



# Trend in Soybean Acreage - 2017



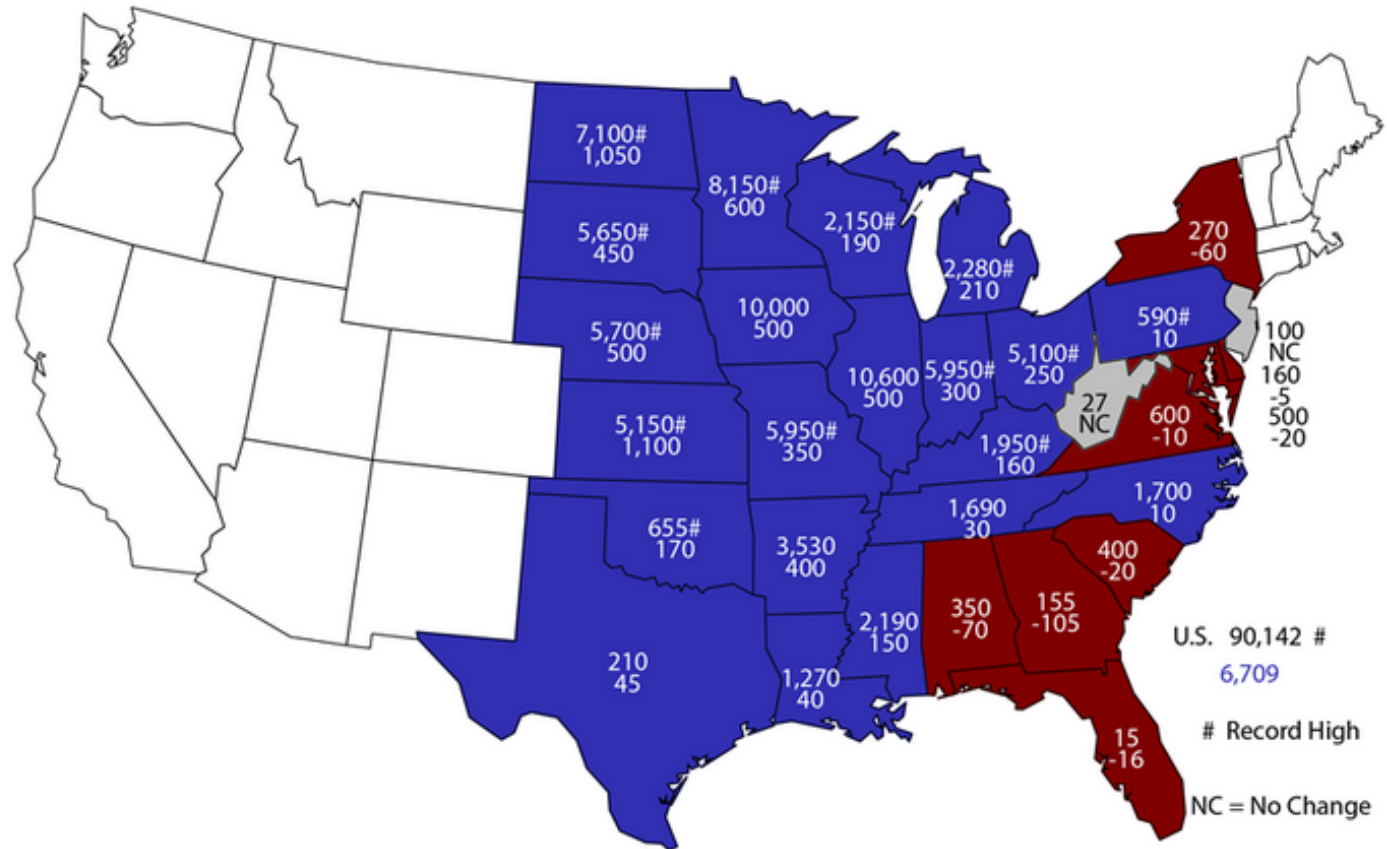
## Soybean Acres United States



# Soybeans: Acreage & Change from Previous Year by State



## 2017 Soybean Planted Area (000) Acres and Change From Previous Year



U.S. 90,142 #  
6,709

# Record High

NC = No Change

# State Actions

- 24(c) Product Labels
- State Rules
- Existing Rules incomplete



**FIFRA Sec. 24(c)  
Special Local Need Label**

## Engenia™ Herbicide

**Additional Application Restrictions for Use on Dicamba-Tolerant Cotton and Dicamba-Tolerant Soybean**

This special local need label expires on December 20, 2018 and must not be used or distributed after this date.

EPA Reg. No. 7969-345 EPA SLN No. NC-170002

**CAUTION**

## North Dakota Specific Use Restrictions for Dicamba



These restrictions will only apply to post-emergence applications of XtendiMax (Monsanto), Engenia (BASF), and FeXapan (DuPont)

**FIFRA Section 24(c) Special Local Need  
FOR DISTRIBUTION AND USE ONLY IN THE STATE OF MISSOURI**


**RESTRICTED USE PESTICIDE**

Handle and use ONLY by Certified Applicators. Non-Certified Applicators are prohibited from applying this product.

READ THE ENTIRE PRODUCT LABELING FOR XTENDIMAX™ WITH VAPORGRIP™ TECHNOLOGY BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS FIFRA SECTION 24(c) SPECIAL LOCAL NEED LABEL.

When using XtendiMax™ With VaporGrip™ Technology as permitted according to this 24(c) Special Local Need Label, read and follow all applicable directions, restrictions, and precautions on the container label and booklet provided with the product container, on applicable supplemental labeling for the product, and on this 24(c) Special Local Need labeling. This labeling and all other product labeling authorizing the desired application, must be in the possession of the user at the time of pesticide application.

This FIFRA 24(c) Special Local Need label expires on 12/31/2018 and must not be used or distributed after this date.



EPA Reg. No. 524-817 EPA SLN No. MO-16040

**FIFRA Section 24(c) Special Local Need  
FOR DISTRIBUTION AND USE ONLY IN THE STATE OF GEORGIA**

READ THE ENTIRE PRODUCT LABELING FOR DUPONT™ FEXAPAN™ PLUS VAPORGRIP™ TECHNOLOGY HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS FIFRA SECTION 24(c) SPECIAL LOCAL NEED LABEL.

When using DuPont™ FeXapan™ plus VaporGrip™ Technology as permitted according to this 24(c) Special Local Need Label, read and follow all applicable directions, restrictions, and precautions on the container label and booklet provided with the product container, on applicable supplemental labeling for the product, and on this 24(c) Special Local Need labeling. This labeling, and all other product labeling authorizing the desired application, must be in the possession of the user at the time of pesticide application.

This FIFRA 24(c) Special Local Need label expires on 12/31/2017 and must not be used or distributed after this date

**DUPONT™ FEXAPAN™ PLUS  
VAPORGRIP™ TECHNOLOGY HERBICIDE.**

EPA Reg. No. 352-913 SLN No. GA-170003



# Training required to be delivered by a State Agency or University Extension?

- **Arkansas** Cooperative Extension - online
- **Alabama** Cooperative Extension
- **Georgia** – Univ. Georgia & GDA – Use Pesticides Wisely
- **Indiana** – OISC & Purdue University
- **Mississippi** Cooperative Extension
- **Missouri** Cooperative Extension
- **North Carolina** Cooperative Extension

# Cut Off Dates

- **Arkansas – April 16**
- **Louisiana** – Commercial applicators need a waiver April 1- September 15
- **Minnesota – June 20**
- **Missouri**
  - **June 1** in the 12 southeast counties
  - **July 15** all other counties
- **North Dakota - June 30** or after the first bloom (whichever comes first)
- **Tennessee – July 15** requires a hooded sprayer





# Cut Off Temperatures

- 85°F at time or if National Weather Service (NWS) forecast 85°F for the day
  - Minnesota
  - North Dakota



# Application Time Restrictions



## ➤ Missouri

➤ **Cannot** apply - before 7:30 am or after 5:30 pm

## ➤ North Dakota

➤ **Can** apply - One hour after sunrise to one hour before sunset

## ➤ Tennessee

➤ **Can** apply 9:00 am- 4:00 pm



# Other

- **Louisiana**

- LDAF-approved training for “sellers, purchasers, applicators”

- **Minnesota**

- No “under the supervision” for RUPs

- **Missouri**

- Online dcamba **Notice of Application** fom daily prior to each application

- **North Dakota**

- Prior notification is given to NDDA
- No 80-degree or less spray nozzles




## ➤ North Carolina

- Do not apply when wind is blowing toward adjacent sensitive crops: Including: tobacco, grapes, watermelon, sweet potato, peanut, pepper, beans, NDT cotton, NDT soybeans – **was in 2017**

## ➤ South Dakota

- Engenia – buffers based on application rate/product
- Minimum 10 GPA delivery



# No additional requirements

- what is on the new federal label
- may have pre-existing auxin regulations/restrictions

➤ Florida

➤ Illinois

➤ Iowa

➤ Kansas

➤ Kentucky

➤ Michigan

➤ Nebraska

➤ Ohio

➤ Oklahoma

➤ Pennsylvania

➤ South Carolina

➤ Virginia



- T – NonRegistrant Training
- D – Cut-off dates
- B – Buffers &/or nozzle/psi
- I – Time of day restrictions
- H – Cut off temperatures
- O – Other restrictions

# 2018 Actions

# Discussion



Buffer

Can I Spray?

Adjacent

2,4-D

Neigh

Dates,  
Wind, Rain  
Inversions

Lawsuits

MixerLoader  
Training