

WEST
PLAINS
IPM
UPDATE

News about
Integrated Pest
Management in
Hockley,
Cochran, and
Lamb Counties
from
Kerry Siders



Feb. 12, 2024

Vol. 29 – No. 1

Texas Crop Producers Need to be Aware of Latest Dicamba Ruling

AgriLife Extension experts prepare for more information.

Texas producers on the verge of planting their cotton and soybean crops are turning to [Texas A&M AgriLife Extension Service](#) officials in light of a Feb. 6 federal court in Arizona vacating the 2020 registrations of three dicamba herbicides — XtendiMax by Bayer, Engenia by BASF and Tavium by Syngenta, which were previously labeled for use on dicamba-tolerant cotton and soybeans.

The [U.S. Environmental Protection Agency](#), EPA, must first respond before producers know how to plan for weed management in the rapidly approaching 2024 season.

“We are waiting for a response from EPA on how producers are to proceed regarding the use of Dicamba in the 2024 growing season,” said Scott Nolte, Ph.D., AgriLife Extension statewide weed specialist in the [Texas A&M Department of Soil and Crop Sciences](#), Bryan-College Station.

In the meantime

“Regardless of whether these current restrictions stand or if EPA modifies this vacatur, growers are encouraged to plan on the use of preplant and preemergent soil-active herbicides to reduce the reliance on post-emergent herbicides,” Nolte said.

He said AgriLife Extension will continue to offer the Auxin training around the state because it also covers the Enlist herbicides, which are not a part of the court ruling.

“If growers plan to use an Enlist system, Auxin training is still required prior to application of Enlist One or Enlist Duo in Texas,” Nolte said.

AgriLife Extension will provide more educational information as it becomes available.

(Reprint from the AgriLife Today, 2/9/24 article.)

Private Pesticide Applicators Training, Levelland February 15th and March 14th

The Texas A&M AgriLife Extension Service will offer the required private Pesticide Applicators Training (PAT) in Levelland on **February 15** and again on **March 14**. This training is required by the Texas Department of Agriculture before taking the exam to obtain the license. A private pesticide applicator is a person who uses or supervises the use of a restricted-use or state limited-use pesticide or a regulated herbicide for the purpose of producing an agricultural commodity. This license is not for those receiving monetary compensation for a pesticide application.

To participate in the training individuals must call 806-894-3159 by noon the day before Feb. 14 or March 13. The training will begin promptly at 1pm at the Extension Office in Levelland at 1212 Houston Street. There is a \$65 fee for training materials. This is only the required training. Testing will be conducted at a separate time and location.



Texas A&M AgriLife Extension seeks to provide reasonable accommodation for all persons with disabilities for any educational meetings. Please contact us to advise us of the auxiliary aid or service that you will require a week in advance of training.

Paraquat Training Update

The Paraquat stewardship training is facilitated by the National Pesticide Safety Education Center, to help licensed applicators nationwide satisfy the EPA mandated stewardship training. If you have not received this training or your three-year training certification period expires you need to complete this if you use any paraquat formulation. Here is the link for the training website: <https://npsec.us/paraquat> . This training is only available online.

2024 Seed Cost Calculator Now Available!

The 2024 version of the Plains Cotton Growers Inc. Seed Cost Calculator is [Seed Cost Calculator](#) on the PCG website at the bottom of the "[Resources](#)" page.

The PCG seed cost calculator is an interactive Microsoft Excel spreadsheet that allows producers to calculate an estimated cost per acre, for both seed and technology, based on published suggested retail prices.

Questions about the tool can be directed to PCG Director of Policy Analysis and Research [Shawn Wade](#).



AUXIN HERBICIDE TRAINING

Thursday, February 29, 2024, 9-10 am

or

Thursday, March 21, 2024, 9-10 am

Texas A&M AgriLife Extension

Hockley County Office

1212 Houston Street, Levelland

**Opportunity to receive the annually required (TDA)
Auxin Herbicide (Xtend & Enlist)
Training/Certification.**

Receive 1 hour of Laws & Regs CEU

**Call 806 894-3159 24 hrs in advance to register (limited
seating), cost \$10 at door.**

If questions contact Kerry Siders at 806 638-5635.

Educational programs of the Texas A&M AgriLife Extension Service are open to all people without regard to race, color, sex, religion, national origin, age, disability, genetic information, or veteran status.
The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating



Agricultural Pesticide Waste Collection Event

Thursday, April 4, 2024 | 8 AM - Noon

Leeroy Colgan Building
901 S Houston Ave
Lamesa, TX 79331

Unwanted or Surplus Agricultural Pesticides?
Dispose of them Free and Anonymously without leaving your Vehicle!

MATERIALS ACCEPTED

Outdated, Discontinued or Unwanted:

- Pesticides
- Insecticides
- Herbicides
- Fungicides
- Rodenticides
- Nematicides
- Growth Regulators
- Treated Seed

Keep pesticides in original containers. If damaged, place into a larger chemical resistant container.

MATERIALS NOT ACCEPTED

- Dioxins (2,4-5T, Silvex, TCDD, etc.)
- Empty Totes
- Fertilizers
- Fumigant Canisters
- Household Hazardous Wastes (HHW)
- Methyl-Bromide Cylinders
- Motor Oil
- Paint
- Pesticide Rinsate
- Phostoxins
- Propane or Butane Cylinders
- Radioactive Substances
- Tires

For questions or additional information, contact the Texas Department of Agriculture (TDA) at (512) 463-7622, TDA Lubbock Regional Office at (806) 799-8555, or the Dawson County AgriLife Extension office at (806) 872-3444



CleanEarth



TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER

2023 Cotton Variety Demonstrations

It is that time of year when producers are making those cotton variety selection decisions. The following links will take you to cotton variety demonstrations/trials I conducted in Hockley or Cochran County in 2023.

If you have any questions give me a call and we can visit. I would like to thank our cooperators: David & Anthony Albus, Zane Thrash, Barker Research Farm, and Sammy Harris.





Cotton

BASF AG

Marie Pierce

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marie.pierce@basf.com



Planting Date: 5/22/2023

Harvest Date: 11/3/2023

Tillage: Conventional

Soil Texture: Loam

Seeding Rate: 43000

Row Spacing: 40

Irrigation: Irrigated

Yield Env. 2-3 bales

On Farm Trial Results

Zane Thrash
Hockley County TX
near Ropesville



06/16/2023

Variety	Lint Yield	Value Rank	Value / Acre	Lint %	Length	Staple	Strength	Mic	Unif.	Color	Leaf	Loan Value	Plant Ht. (in)	% Open	Storm Tolerance*
FM 823AXTPX	1131	1	\$648	37.2%	1.14	37	31.8	4.72	83.3	31.0	3.0	57.25	28.9	46.0	8
ST 6000AXTP	1117	2	\$641	38.2%	1.16	37	34.2	4.61	83.4	31.0	3.0	57.40	29.2	30.5	5
FM 868AXTP	1145	3	\$628	35.6%	1.14	36	32.5	5.02	83.7	31.0	3.0	54.85	29.4	15.7	7
ST 4993B3XF	1091	4	\$622	38.2%	1.11	35	31.1	4.86	83.1	31.0	2.0	57.00	30.2	20.1	9
BX 2362AXTP	1044	5	\$598	34.2%	1.17	37	31.6	4.92	83.4	31.0	3.0	57.25	27.7	37.3	6
FM 2498GLT	1176	6	\$595	36.5%	1.10	35	29.0	5.51	81.6	31.0	3.0	50.60	28.5	39.3	9
FM 2398GLTP	1158	7	\$590	37.5%	1.10	35	29.4	5.25	82.3	31.0	2.0	50.90	28.5	35.3	8
ST 4990B3XF	1011	8	\$580	33.5%	1.15	37	29.3	4.52	83.4	31.0	2.0	57.35	28.6	43.8	5
FM 1830GLT	1047	9	\$573	36.4%	1.15	37	31.2	5.11	81.8	31.0	3.0	54.75	26.9	71.6	7
FM 1730GLTP	1043	10	\$567	34.3%	1.13	36	31.9	4.96	83.5	31.0	3.0	54.30	27.2	22.9	6
BX 2359AXTP	931	11	\$506	34.2%	1.13	36	30.0	5.13	82.7	31.0	2.0	54.40	30.0	57.9	7
BX 2451AXTP	876	12	\$475	34.2%	1.11	35	29.8	5.11	82.4	31.0	2.0	54.25	29.5	50.8	7

Test Mean	1064		\$585	35.8%	1.13	36	31.0	4.98	82.9	31.0	2.6	55.03	28.6	39.27	7.0
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BASF Agronomist: Cody Mull
(806) 549-1409
cody.mull@basf.com

*Storm Tolerance 1 = No Storm Tol, 9 = Very Storm Tol

2023 Cotton Individual Plot Yield Report

Cooperator:
Kerry Siders
Cochran County

Planted: May 30, 2023
Harvested: Nov. 27, 2023
Row Width: 40 Inch

Tillage: Conventional
Soil Texture:
Irrigation: Yes



Product Data

Crop Values \$/Crop Yield

* Fiber Characteristics

Entry	Brand	Product Name	Lint Yield		Loan Price per Lb	Staple (32nds)	Length (Inches)	Strength (g/tex)	%		
			Crop Value (\$/Acre)	(Lbs/Acre)					Uniformity	% Lint	
1	DeltaPine	DP 1822 XF	\$380.12	761	49.95	36	1.11	31.5	5.32	80.9	30.1
2	Bayer	22R138B3XF	\$427.55	831	51.45	36	1.11	31.3	5	80.7	34.4
3	Bayer	22R2112B3TXF	\$400.23	746	53.65	36	1.12	29.8	4.09	81.4	37.4
4	Bayer	23R9845B3TXF	\$459.68	884	52	34	1.07	27.6	4.78	81.5	32.3
5	Bayer	23R8038B3XF	\$409.07	792	51.65	37	1.14	31.4	5.12	81.4	33.2
6	Bayer	23R8028B 3XF	\$479.45	892	53.75	36	1.13	30.7	4.83	82.4	37.7
7	Bayer	23R9822B 3TXF	\$435.49	878	49.6	34	1.07	27.8	5.02	80.3	37.1
8	Bayer	23R8027B 3XF	\$437.57	848	51.6	36	1.11	33.2	5.14	81.8	34.7
9	Bayer	23R8035B 3XF	\$464.99	948	49.05	35	1.1	32.3	5.33	82.7	36.3
10	DeltaPine	DP 2123 B3XF	\$511.04	1018	50.2	35	1.08	29.3	5.22	81.5	33.3
11	Bayer	23R9915B 3TXF	\$452.80	902	50.2	35	1.1	29.7	5.01	81.7	32.4
12	Bayer	23R9122B3TXF	\$547.98	1063	51.55	34	1.07	29.3	4.7	80	37.1
13	Bayer	22R141B3XF	\$457.62	870	52.6	35	1.09	29.8	4.9	81	36.5
14	Bayer	23R8025B3XF	\$463.43	863	53.7	36	1.12	30.9	4.9	81.7	35.2
TEST AVERAGE			\$451.93	878	51.50	35.4	1.10	30.3	5.0	81.4	34.8

Value Calculation based on \$0.52/lb (+/-) discount/premiums from the 2023 USDA Loan Chart (Ranked by Value \$/A). All plots were assigned a base color (41) and leaf grade (4).

*Fiber Characteristics including Lint Percent for each variety based on averages obtained from similar trials in W. TX. Entries listed as "Bayer" brand are experimental varieties, and not for sale.

Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and year whenever possible.



W3FE Innovation Trial



Grower Operator: Sammy Harris
Trial Conductor: Kerry Siders
PhytGen CDS: Scott Fuchs
Location: Ropeville, TX
Replicates: 3
Plot Size: 8- 40" rows X 950"
Row Spacing: 40"
Beds: min-till
Previous crop(s): Cotton
Soil type: Aquif Loam
Irrigation: Drip 80"

Planting Date: 5/20/2023
Seed Treatments: TRIO
Moist. @ planting: Good
Soil Temp @ planting: 71 F
Seed/Acre: 47,500
GPS Lat: 33.411587
GPS Long: -102.146293
Elevation: 3356
Harvest Date: 11/5/2023

Sorted by Lint Value

Variety	Lint Yield (lbs/A)	Turnout (%)	Mic	Length (in)	Staple (1/32 in)	Strength (g/tex)	Uniformity (%)	Color Grades	Leaf Grade	Lint Value (\$/lb)	Lint Value (\$/A)
PX1124B236-04W3FE	1140	34.8	4.7	1.09	34.0	30.6	81.6	31,31,31	3.7	0.5405	\$616
PHY400W3FE	1092	37.9	4.6	1.10	34.4	28.7	80.6	31,41,31	3.3	0.5502	\$600
PHY332W3FE	1035	34.9	4.7	1.13	35.2	29.0	81.2	31,31,31	3.0	0.5612	\$582
PX1125B234-04W3FE	1132	34.2	5.2	1.09	34.1	30.3	80.8	31,31,41	3.7	0.5025	\$571
PHY415W3FE	972	35.5	4.5	1.12	35.1	30.7	81.2	31,41,41	4.0	0.5388	\$524
PX112A214-04W3FE	985	37.4	4.1	1.07	33.3	29.7	80.9	31,41,31	3.7	0.5303	\$523
Mean	1059	35.8	4.6	1.10	34.4	29.8	81.0		3.6	0.5373	\$569

Variety	Final Plant Height (in)	Node of 1st Fruiting Branch	Final Total Nodes	Nodes Above Cracked Boll	Early Vigor* (in/Internode)	Height/Node Ratio
PHY332W3FE	25.3	6.5	17.6	3.9	0.9	1.44
PHY400W3FE	22.8	6.7	17.1	4.2	0.9	1.33
PHY415W3FE	25.6	7.0	18.0	3.6	1.0	1.43
PX112A214-04W3FE	24.9	6.7	17.9	4.5	0.9	1.39
PX1125B234-04W3FE	24.8	6.8	17.7	5.0	0.9	1.40
PX1124B236-04W3FE	24.6	6.6	17.7	5.3	0.9	1.39

Visit PhytGenCottonseed.com for the latest data and information.

DO NOT USE THIS OR ANY OTHER DATA FROM A LIMITED NUMBER OF TRIALS AS A SIGNIFICANT FACTOR IN PRODUCT SELECTION.

Product responses are variable and subject to any number of environmental, disease and pest pressures. Please use this information as only part of your product positioning decision. Refer to a PhytGen Cotton Development Specialist for the latest information and complete listing of trials and scores for each product and for product placement and management suggestions specific to your region and local conditions.

West Plains IPM Update is a publication of the Texas A&M AgriLife Extension Service IPM Program in Hockley, Cochran, and Lamb Counties.

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