



Many changes have occurred as I get closer to finishing my first year as Gray County Extension Agent. The things we can be certain of are that people will still need to eat and people will be needed to provide that supply chain. My primary role will still be to provide education and assistance to help Gray County producers be the most profitable where I can. So, please feel free to seek me out for assistance about your operation...if I don't have a good answer, chances are we can find someone who will. Extension is currently being much more active through distance learning and social media (which has been a learning curve for sure).

Recently, we have had the possibility for freeze damage in what looks like a decent wheat crop. I have been in several fields this week and it's still hard to tell at this point what you all may be dealing with as the crop matures...we probably need another few days to see real significant damage to growing points, etc. The good news is, I have only seen superficial damage to foliage...similar to top dress burn.

As ground is being prepared for corn/cotton planting I really wonder about our carryover fertility levels from last year due to rainfall. I think that if a guy isn't soil sampling annually then now might be a good time to pick out a few fields to look at sampling and get a baseline as we go into the season. Also, some fields may have had poor stands last season causing more of a "seedbank" for weeds than in the past so overlapping residual herbicides would be on my mind as well.

I have several ideas in mind for result demonstration/research projects as some restrictions are lifted in our area. Currently, we have irrigated cotton variety trials set up in Gray County and are working on some herbicide side x sides and some "pre-freeze" cotton defoliation programs we would like to look at.

Again, if you would like to partner up on some field demonstrations or need a second opinion please reach out to me at the Gray County Agrilife Extension Office.

*\*Remember to join the discussion on Facebook at the Gray County Aggie group\**



## 2020 Weed Control Programs for Texas High Plains Cotton Growers 2/19/2020

*Delaney C. Foster, Peter A. Dotray, and J. Wayne Keeling*  
*Texas A&M AgriLife Research and Extension Service – Lubbock, TX*

This publication serves as a guide to commonly used cotton herbicide options in the Texas Southern High Plains. Always carefully read and follow herbicide labels for rates and soil and plant back restrictions. Other generic brand names may exist that are not listed in these tables as well as other herbicides registered for use in cotton.

### Preplant Incorporated (Conventional Tillage)/ Burndown (Conservation Tillage)

Tillage	Herbicide	Rate
Conventional	Treflan <sup>1</sup> , generic trifluralin	1-2 pints/acre <sup>2</sup>
	Prowl H <sub>2</sub> O <sup>1</sup> , generic pendimethalin	1-3 pints/acre <sup>2</sup>
Conservation/No-till	Prowl H <sub>2</sub> O <sup>1</sup> , generic pendimethalin	2-4 pints/acre <sup>2</sup>
	Dicamba/2,4-D	See product label for rates and planting restrictions
	Roundup, generic glyphosate	32-44 fl oz/acre
	Valor, generic flumioxazin	2 oz/acre >21 days before planting + at least 1-inch irrigation
	Gramoxone, generic paraquat (2 and 3 lb formulations)	1-2 pints/acre (2 lb/gallon) 1.7-2.7 pints/acre (3 lb/gallon)

### Preemergence Herbicide Options<sup>3</sup>

Herbicide	Rate
Prowl H <sub>2</sub> O <sup>1</sup> , generic pendimethalin	1-3 pints/acre <sup>2</sup>
Caparol, generic prometryn	1.6-3.2 pints/acre <sup>2</sup> DO NOT USE on sand or loamy sand soils
Direx, generic diuron	0.8-1.2 quarts/acre <sup>2</sup> DO NOT USE on sand or loamy sand soils
Cotoran, generic fluometuron	2 pints/acre DO NOT USE on coarse soils
Warrant	3 pints/acre
Reflex <sup>4</sup> , generic fomesafen	1 pint/acre DO NOT USE on coarse soils
Staple LX, generic pyriithiobac	2 fl oz/acre DO NOT USE on coarse soils
Brake	16 fl oz/acre DO NOT USE on coarse soils

<sup>1</sup> For optimal weed control, a two-pass incorporation system should be utilized with the dinitroaniline herbicides.

<sup>2</sup> Rate dependent on soil type. Always consult the label prior to herbicide application.

<sup>3</sup> Preemergence herbicides will be most effective when activated by irrigation or rainfall events.

<sup>4</sup> Reflex may be applied at 1 pt/acre immediately after planting of cotton provided that 0.5 inch of irrigation is applied prior to cotton cracking the soil surface. Do not apply more than 1 pt/acre of Reflex in any year.



# 2020 Beef Management & Economics Series

## presented online via Zoom

All Programs 6 p.m. to 9 p.m. (central time)

One time \$10.00 pre-registration fee (attend one or all sessions)

CC/Debit/PayPal ONLY (\$10 + \$2.24 one-time payment fee per participant)

**Register Here:** <https://www.eventbrite.com/e/102698491954>

Upon registration, participants will receive email confirmation with additional instructions

### HEALTH & REPRODUCTION

**Tuesday, May 5<sup>th</sup>**

Reproductive development & herd health  
Breeding Soundness Exams and Bull Fertility  
Preventative Herd Health Management for  
Reproduction

Economics of reproduction decisions

**Thursday, May 7<sup>th</sup>**

Keep / Cull Decisions / Body  
Condition Scores

Potential Predator Issues  
and Control Options

Economics of management  
decisions

### FORAGE HEALTH & GRAZING CONSIDERATIONS

**Tuesday, May 19<sup>th</sup>**

Integration of livestock into farming practices  
cover crops / water conservation / water management  
soil health / weed management  
opportunities and challenges

crops, and livestock diversification

**Thursday, May 21<sup>st</sup>**

Creating a Better Grazing Management Plan

Using supplementation to strategically  
influence grazing distribution

Risks associated with prussic acid in forages

Economic decisions impacting forage  
availability

### NUTRITION & SUPPLEMENTATION

**Tuesday, May 12<sup>th</sup>**

Meeting the nutrient requirements of  
beef cattle in a forage-based setting

Making economical supplementation  
decisions

Economics and risk involved with  
nutrition decisions and  
supplementation decisions

### BEEF QUALITY & EFFICIENCIES

**Tuesday, May 26<sup>th</sup>**

A look at the efficiencies of a  
dairy farm

Research and Carcass Data

Dairy/Beef Cross Calves

Update on quality and management to improve  
carcass quality

Beef/ Industry Panel – Opportunities  
and Challenges

Market outlooks for 2020 and  
economics of quality beef  
improvement through genetics

TEXAS A&M  
**AGRI LIFE**  
EXTENSION

The members of Texas A&M AgriLife will provide equal opportunities in programs and activities, education, and employment to all persons regardless of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation or gender identity and will strive to achieve full and equal employment opportunity throughout Texas A&M AgriLife. Individuals with disabilities who require an auxiliary aid, service or accommodation in order to participate in this meeting are encouraged to contact the County Extension Office prior to the meeting to determine how reasonable accommodations can be made.

**Annual Agricultural Increment Report**

Due Date: January 31, 2020

**DISTRICT:** 1

**COUNTY:**

Gray

	Estimated 2016	Estimated 2017	Estimated 2018	Estimated 2019	Projected 2020
<b>Commodity</b>					
<b>(Thousands of Dollars)</b>					
<b>Crops:</b>					
Wheat	1,743.1	2,439.5	1,566.8	2,962.2	2,640.0
Feed Corn	5,604.2	5,169.7	5,306.7	8,481.3	8,085.0
Ensilage	4,237.9	2,017.7	2,536.2	4,333.3	4,073.6
Hay	3,671.3	2,870.4	4,830.3	4,504.5	4,485.0
Sorghum	1,239.1	951.3	2,005.4	2,389.2	2,226.5
Cotton Lint	8,636.3	12,327.3	11,923.5	6,473.0	7,917.0
Cottonseed	1,838.2	1,756.7	1,955.9	1,615.9	1,950.0
Alfalfa	1,376.9	1,983.0	2,630.1	1,996.5	1,769.6
<b>Livestock:</b>					
Milk Total	29,805.3	32,854.0	31,123.5	23,760.0	26,400.0
Fed Beef	24,303.1	57,393.0	49,681.8	42,130.2	40,800.0
Milk Cows	986.6	2,095.0	2,245.3	1,385.1	1,408.0
<sup>c</sup> Other Beef	12,029.6	1,134.8	11,451.1	11,124.0	11,322.5
<sup>d</sup> Hogs	3,930.0	9,554.5	8,592.0	6,744.1	5,369.0
Other Stock	0.0	0.0	0.0		
<b>Ag-Related:</b>					
Horses	233.7	259.0	258.4	284.6	269.2
Hunting	600.0	600.0	600.0	600.0	600.0
<b>Other Commodities:</b>					
<sup>*</sup>					
<sup>*</sup>					
<sup>*</sup>					
<b>Total</b>	<b>100,235.3</b>	<b>133,405.9</b>	<b>136,707.0</b>	<b>118,783.9</b>	<b>119,315.4</b>

- <sup>\*</sup> Please add additional commodities not listed on this page with receipts over one thousand dollars.
- <sup>a</sup> Other Crop is the total of Other crop, Sprigs, Legume Seeds, and Grass Seed.
- <sup>b</sup> Other Poultry is the total of: Pullets, Quail & other Fowl, & Other Poultry
- <sup>c</sup> Other Beef is the total of: Breeder Cattle-Beef, Calves-Beef & Dairy, Stocker Cattle, & Slaughter Cattle
- <sup>d</sup> Hogs is the total of: Hogs & Feeder Pigs
- <sup>e</sup> Timber is the total of: Lumber, Firewood, & other Timber

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# TEXAS A&M AGRI LIFE EXTENSION



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Sincerely,

A handwritten signature in black ink, appearing to read 'N. Simpson', written on a light gray background.

Nick Simpson