### Annual Noxious Weed Eradication Progress Report 2021 as required by KSA 2-1316

Noxious Weed Supervisor:

### Tim Brown

### **Gray County Noxious Weed Dept**

Noxious Weed Department Personne	1		
Name	Job Title	% Time Spent o Noxious Weeds	
TIM BROWN	WEED DIRECTOR	100	
STEVE TOMPSON	Helper	75	
Financial Summary - Noxious Weed	d Fund		Amount
Mil levy for 2021			0.637
County valuation for 2021			\$113,644,768.00
Beginning Budget Balance for 2021			\$155,000.00
Revenues			
Chemical Sale		\$34,583.28	
Chemical Sale		\$74,190.96	
Total Revenue			\$108,774.24
Expenditures			
Chemical		\$118,761.08	
Commodities		\$14,789.33	
Contractual		\$7,711.39	
Equipment		\$1,375.00	
Total Expenditures			\$142,636.80
		Ending Budget Balance	\$0.00
Carryover to next year's budget for 2	021 to 2022		\$86,554.16
Capital Outlay Fund			Amount
Beginning Balance			\$41,317.00
Receipts			\$0.00
Expenditures			\$0.00
·		<b>Ending Balance</b>	\$41,317.00

### **Annual Noxious Weed Eradication Progress Report** Gray County Noxious Weed Dept

Year 2021



0.0

30335.8

650.5

7907.0

Estimated Acrea	ge of Nox	kious W	eeds							
Noxious Weed	Private	County	Township	State	Federal	City	Total			
BARE GROUND	0.0						0.0			
Bur Ragweed	7317.9	500.0	1.0	149.5	5.0	3.0	7976.4			
Field Bindweed	18887.0	1250.0		599.1	20.0	10.0	20766.1			
Hoary Cress	0.0			0.0			0.0			
Johnsongrass	3460.9	150.0		82.4	10.0	1.5	3704.8			
Musk Thistle	670.0					1.0	671.0			
SERICEA LESPEDEZ	0.0						0.0			
Totals	30335.8	1900.0	1.0	831.0	35.0	15.5	33118.3			
Estimated Acrea	ge of No	xious W	eed on Pr	ivate La	ınd sub-s	section				
Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
BARE GROUND		0.0								0.0
Bur Ragweed	1604.8	351.2	40.0	534.5	1619.2	1288.9	540.6	1047.0	291.7	7317.9
Field Bindweed	1242.1	457.0	75.0	726.6	4195.0	4728.6	1370.4	5799.5	292.8	18887.0
Hoary Cress	. = /						0.0			0.0
Johnsongrass	75.1	552.5	75.0	284.9	612.7	479.2	260.3	1060.2	61.0	3460.9
Muck Thietle	0.1				200.0	414.5	50.1	0.3	5.0	670.0

Weeds declared Noxious by the County:

Totals

Musk Thistle

SERICEA LESPEDEZ

Multiflora Rose

190.0

Bull Thistle

6911.2

2221.4

6626.9

0.0

### Herbicide Disbursement Summary

0.1

1360.7

2922.1

Purchase Price	Cost Share Price	Total Disbursed
\$15.15	\$11.37	584.169 gal
\$17.22	\$13.39	45.794 gal
\$45.00	\$35.00	2.500 gal
\$76.92	\$57.69	31.090 QT
\$11.89	\$0.00	0.000 lbs
\$59.95	\$59.95	0.989 gal
\$4.00	\$4.00	0.000 lbs
\$104.49	\$78.37	21.592 gal
\$67.88	\$50.89	0.750 gal
•	\$37.50	810.794 gal
•	\$137.60	188.112 gal
\$2.60	\$1.95	389.472 oz
	\$15.15 \$17.22 \$45.00 \$76.92 \$11.89 \$59.95 \$4.00 \$104.49 \$67.88 \$50.00 \$173.98	\$15.15 \$11.37 \$17.22 \$13.39 \$45.00 \$35.00 \$76.92 \$57.69 \$11.89 \$0.00 \$59.95 \$59.95 \$4.00 \$4.00 \$104.49 \$78.37 \$67.88 \$50.89 \$50.00 \$37.50 \$173.98 \$137.60

1546.0

**Enforcement Summary** 

Warning Notices	0
Legal Notices	0
Court Cases	0

Diversion Agreements	0
Accounts to Tax Roll	0
Meetings Sponsored	0

Demonstration Plots	0
Feed and Hay Inspection	0
Publish General Notice	1

Enforcement Comments:

We certify this is a correct copy of the Gray County Noxious Weed Dept Program for 2021
We certify that Tim Brown is employed as Gray County Noxious Weed Dept Director for 2022

Mak C. Dunk	2-28-2022		Data
Chairman, Board of County Commissioners	Date	County Commissioner	Date
Sonn Ole	7.28-2022		Date
County Commissioner /)	Date	County Commissioner	2-19.02
Worth Nell 2-	-28-22	Two form	25002
County Commissioner	Date	County Noxious Weed Director	Date

# Annual Noxious Weed Eradication Progress Report Treatment Summary

## **Gray County Noxious Weed Dept**

## Acres Treated

	Musk Thistle	Johnsongrass	Field Bindweed	Noxious Weed
Totals				
5361.993 1659.7623	216.099		5145.894 1560.7623	Private
1659.7623	0.5	98.5	1560.7623	County Township
				Township
586.164		99.5	486.664	State
				Federal
				City
				City Cost Share
7607.9193	216.599	198	7193.3203	Total

Totals	Musk Thistle	Field Bindweed	Noxious Weed Wheat C	Acres Treated on Private Land sub-section	Totals 5361.993 1659.7623
			orn	sub	23
			Corn Soybean	-section	
			Grain		586.164
31.5	20.5	1	CRP		
31.5 235.127	20.5 184,599	50.528	CRP Pasture		
Οı	_	4	Other		
5 5035.366		5035.366	Other Fallow		7607.9193
55	10	45	Non-Ag		
55 5361.993	216.099	5145.894	Total		

2021

### Field Bindweed

Total Acreage	QUINCLORAC 24D VANQUISH GARD SIGNS CULVERTS	Quinclorac	Picloram + 2-4 D	Picloram	IMAZAPIC GARDIAN	IMAZAPIC 24D	IMAZAPIC 120Z 24D	Imazapic	Dicamba + 2-4 D	24D LV6 22oz Tordon pt	2-4 D CHOLINE	Approved Herbicides and Methods January February	Total Acreage	State	Private Pasture	Private Other	Private Non-Ag	T I Valor all Cw	Urivate Fallow	Private CRP	County	Acreage Treated January February	Diversion Agreements	Court Cases	Legal Notice	Warning Notice	Enforcement January February	
												March										March					March	
												April										April					April	
1078.7		586.7	60.0	400.0				2.0	20.0	<u> </u>	10.0	Мау	1078.7				0.0	300	986.7		62.0	May					May	
73.3			73.3									June	73.3								73.3	June					June	
3551.1	ώ ω	2.5	587.3	2920.0		0.3	2.0	20.7	5.0	i )		July	3551.1	50.0	40.7	4. ć	. (	ת כ	2933.3	11.0	501.1	July					July	
936.2	and the second s	20.0	912.4					3.9	•			August S	936.2	406.7		<b>3</b>			235.3		290.4	August September					August September	,
92.0	0.0	0.0	85.0		7.0							eptember	92.0	0.61	) )		6.6	100	0.0		67.0	eptember	The second secon				ptember	
1377.0		0.0	497.0	880.0								October	1377.0	15.0	1				880.0		482.0	October					October	)
85.0			10.0							/5.0	1	September October November December:	85.0	Marie de la companya del companya de la companya del companya de la companya de l							85.0	October November December:					October November December:	· · · · · · · · · · · · · · · · · · ·
7193.3	0.0	609.2	2225.0	4200.0	7.0	0.3	2.0	26.5	25.0	75.0	75.0	Totals	7193.3	486./	00.0	n O 4 n C	A ()	<b>4</b> 5 0	5035.4	11.0	1560.8	Totals	c	<b>o</b> (	<b>-</b>	<b>-</b>	olotais	7-1-1-

2021

### Johnsongrass

Enforcement	January	January February	March	April	May	June	July	August September	October November December:	Totals
Warning Notice										0
Legal Notice										0
Court Cases										0
Diversion Agreements										0
Acreage Treated	January	January February	March	April	May	June	July	August September	August September October November December:	Totals
County						7.0	63.5	14.0	14.0	98.5
State							7.0	85.5	7.0	99.5
Total Acreage	A A A A A A A A A A A A A A A A A A A					7.0	70.5	99.5	21.0	198.0
Approved Herbicides and Methods	January	January February March	March	April	May	June	July	August September	August September October November December:	Totals
Imazapic							35.5	83.0		118.5
IMAZAPIC GARDIAN							7.0	2.5		9.5
PANORAMIC						7.0	28.0	14.0	21.0	70.0
Total Acreage						7.0	70.5	99.5	21.0	198.0

### Musk Thistle

								The state of the s		
Enforcement	January	January February	March	April	May	June	July	August September	October November December:	Totals
Warning Notice										o C
Legal Notice										o C
Court Cases										) C
Diversion Agreements										c
Acresce Treated	January	Januarv Februarv	March	April	May	June	July	August September	August September October November December:	Totals
Compa						0.5				0.5
Driving CDD					Σ	1.0	11.0			20.5
							10 0			10.0
Private Non-Ag										2
Private Other										
Private Pasture					52.4	101.7	30.5			184.6
Total Acreage					60.9	103.2	52.5			216.6
Assessed Horbicides and Methods	lanilary	February	March	April	Mav	June	July	August September	September October November December:	Totals
2-4 D Amine or LV Ester					19.3	20.0	12.0			51.3
Aminopyralid					16.0	0.1				16.1
Metsulfuron methyl + 2-4 D					0.3	3.3				3.6
Milestone freelexx and escort					<u>ပ</u> ပ	55.6	40.5			99.5
MILLESTONE LV6 ESCORT SOYSTIK					22.0	24.2				46.2
Total Acreage					60.9	103.2	52.5			216.6

### 2021

## Noxious Weed Survey Worksheet Gray County Noxious Weed Dept

		7976.4	4824.4	3152.0	Total Estimated Acerage	Total Est	179.2	
	The state of the s	1.0	1.0	0.0				Township
		149.5	0.0	149.5		I	8.5	State
		1604.8	1058.3	546.5	1	<b>1</b>	31.1	Private Wheat
		40.0	40.0	0.0	T			Private Soybean
		1288.9	363.6	925.3		<u> </u>	52.6	Private Pasture
		407.3	0.0	407.3			23.2	Private Other
		291.7	14.7	277.0	1	1	15.8	Private Non-Ag
		534.5	476.5	58.0	T	1	3.3	Private Grain Sorghum
		1047.0	519.7	527.3		1	30.0	Private Fallow
		1619.2	1452.3	166.9	1		9.5	Private CRP
		351.2	290.3	60.9			3.5	Private Corn
		133.3	100.0	33.3			1.9	Private ALFALFA
		5.0	5.0	0.0	1	J		Federal
		500.0	500.0	0.0	I			County
		0.0	0.0	0.0	1			City
The state of the s	177	3.0	3.0	0.0				City
Note	ř er	Acreage After Adjustment	Weed Director's Adjustment	Estimated Acreage	County Acres 459120	Acres Surveyed 26104.03125	Total Acreage Infested	
179.2105	54.55		71.61425	51.35875	5	1.6875		Total Acreage Infested
0,5	ω		2.5	ω				State
31.07375	ω		14.5975	13.47625	13.			Private Wheat
52,61125	19.5		17.83	15.25		0.03125		Private Pasture
23.15625	6.5		8.875	7.5		0.28125		Private Other
15.75	2.5		10	ω		0.25		Private Non-Ag
3.29675	1.05		2.24675					Private Grain Sorghum
29.98	14.375		8.41125	6.13125	<u>о</u>	1.0625		Private Fallow
9.4875	3.0625		4.55	1.875				Private CRP
3.4625	1.0625		1.52375	0.87625	0.			Private Corn
1.8925	0.5		1.08	0.25		0.0625		Private ALFALFA
October November December: Totals		August September		May June	April	February March	January Feb	Bur Ragweed
							E	

## Noxious Weed Survey Worksheet Gray County Noxious Weed Dept

2021
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•			<b>,</b>	,		*		1
Field Bindweed	January Feb	February Warch	April	May	June July	August September	October November December.	lotais
Private ALFALFA					2.5			3.5
Private Corn			(1)	3.84625	4.37875	1.09375		9.31875
Private CRP				თ	7.25	4.75		18
Private Fallow			"	9.92625	9.18	8.0875		27.19375
Private Grain Sorghum					2.775	1.5375		4.3125
Private Non-Ag		0.5		ω	4	ယ		10.5
Private Other				8.75	9.75	10.5		29
Private Pasture				28.85	29	30.25		88.1
Private Wheat				6.9125	9.7225	3.875		20.51
State			A TOTAL CONTRACTOR OF THE PROPERTY OF THE PROP	Οī	5.25	5		15.25
Total Acreage Infested		0.5		72.285	83.80625	69.09375		225.685
	Total Acreage Infested	Acres Surveyed 26104.03125	County Acres 459120	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note	
City		<b>.</b>		0.0	10.0	10.0	The state of the s	
County				0.0	1250.0	1250.0		
Federal		<u> </u>		0.0	20.0	20.0		
Private ALFALFA	3.5			61.6	84.4	146.0		
Private Corn	9.3			163.9	293.1	457.0		
Private CRP	18.0			316.6	3878.4	4195.0		
Private Fallow	27.2			478.3	5321.2	5799.5		
Private Grain Sorghum	4.3	<u> </u>		75.8	650.8	726.6		
Private Non-Ag	10.5	1		184.7	108.1	292.8	- management of the state of th	
Private Other	29.0			510.1	714.3	1224.4		The state of the s
Private Pasture	88.1			1549.5	3179.1	4728.6		
Private Soybean		<u> </u>		0.0	75.0	75.0	THE RESERVED AND THE PROPERTY OF THE PROPERTY	
Private Wheat	20.5			360.7	881.4	1242.1	THE PARTY CONTROL OF THE PARTY	
State	15.3			268.2	330.9	599.1		
	225.7	Total Es	Total Estimated Acerage	3969.4	16796.7	20766.1		

## Noxious Weed Survey Worksheet Gray County Noxious Weed Dept

Johnsongrass	January Feb	February March	April	May	June July	August September	October November December:	Totals
Private Corn	300000000			0.1275	0.28125	0.25		0.65875
Private CRP			0	0.28125	0.15625	0.705		1.1425
Private Fallow				0.16	0.375	0.84375		1.37875
Private Grain Sorghum					0.25	0.3125		0.5625
Private Non-Ag				0.25	0.5	0.25		_
Private Other				2.15625	3.08	1.40625		6.6425
Private Pasture				0.65625	0.375	0.375		1.40625
Private Wheat				1.71875	1.28125	0.0625		3.0625
State				0.25	1	0.75		2
Total Acreage Infested				5.6	7.29875	4.955		17.85375
	Total Acreage Infested	Acres Surveyed 26104.03125	County Acres 459120	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note	
City				0.0	1.5	1.5		
County				0.0	150.0	150.0		
Federal				0.0	10.0	10.0		
Private ALFALFA				0.0	6.0	6.0		
Private Corn	0.7			11.6	540.9	552.5		
Private CRP	1.1			20.1	592.6	612.7		
Private Fallow	1.4			24.2	1036.0	1060.2		
Private Grain Sorghum	0.6	Į.		9.9	275.0	284.9		
Private Non-Ag	1.0			17.6	43.4	61.0		
Private Other	6.6			116.8	137.5	254.3		
Private Pasture	1.4			24.7	454.5	479.2		
Private Soybean				0.0	75.0	75.0		
Private Wheat	3.1			53.9	21.2	75.1		
State	2.0			35.2	47.2	82.4		
	17.9	Total E	Total Estimated Acerage	314.0	3390.8	3704.8		

## Noxious Weed Survey Worksheet

**Gray County Noxious Weed Dept** 

Musk Thistle	January February	oruary March	April	May	June July	August September	October November December:	Totals
Private Pasture		3.25		3.125	3.5			9.875
Total Acreage Infested		3.25		3.125	3.5			9.875
	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note	
City				0.0	1.0	1.0	The state of the s	
Private ALFALFA				0.0	0.1	0.1	The state of the s	
Private CRP	3			0.0	200.0	200.0		
Private Fallow				0.0	0.3	0.3		
Private Non-Ag	The additional and a second and			0.0	5.0	5.0		
Private Other				0.0	50.0	50.0	The state of the s	
Private Pasture	9.9			173.7	240.8	414.5	The state of the s	
Private Wheat				0.0	0.1	0.1		
	9.9	Total E	Total Estimated Acerage	173.7	497.3	671.0		
			The second secon					