

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



Gray County Noxious Weed Dept

Noxious Weed Supervisor:
Tim Brown

Noxious Weed Department Personnel

Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
TIM BROWN	WEED DIRECTOR	100	
STEVE TOMPSON	Helper	75	

Financial Summary - Noxious Weed 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 2021 to 2022 \$86,554.16

Capital Outlay Fund

	Amount
Beginning Balance	\$41,317.00
Receipts	\$0.00
Expenditures	\$0.00
Ending Balance	\$41,317.00

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Gray County Noxious Weed Dept

Year
2021 ★

Estimated Acreage of Noxious Weeds

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
SERICA LESPEDEZ	0.0						0.0
Totals	30335.8	1900.0	1.0	831.0	35.0	15.5	33118.3

Estimated Acreage of Noxious Weed on Private Land sub-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
Musk Thistle	0.1				200.0	414.5	50.1	0.3	5.0	670.0
SERICA LESPEDEZ					0.0					0.0
Totals	2922.1	1360.7	190.0	1546.0	6626.9	6911.2	2221.4	7907.0	650.5	30335.8

Weeds declared Noxious by the County: Multiflora Rose Bull Thistle

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2-4 D Amine	\$15.15	\$11.37	584.169 gal
2-4 D Ester	\$17.22	\$13.39	45.794 gal
2-4 D, DICAMDA	\$45.00	\$35.00	2.500 gal
Aminopyrrolyid	\$76.92	\$57.69	31.090 QT
Bromacil Dry	\$11.89	\$0.00	0.000 lbs
Dicamba	\$59.95	\$59.95	0.989 gal
diuron	\$4.00	\$4.00	0.000 lbs
IMAZAPIC	\$104.49	\$78.37	21.592 gal
MCPA+TRICLOPYR+ Dicamba	\$67.88	\$50.89	0.750 gal
Picloram	\$50.00	\$37.50	810.794 gal
QUINCLORAC	\$173.98	\$137.60	188.112 gal
Sulfometuron Mythl	\$2.60	\$1.95	389.472 oz

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

Mark C. Dunt 2-28-2022
 Chairman, Board of County Commissioners Date

Sharon Ogle 2-28-2022
 County Commissioner Date

Tim Brown 2-28-22
 County Commissioner Date

 County Commissioner Date

 County Commissioner Date

Tim Brown 2-28-22
 County Noxious Weed Director Date

Annual Noxious Weed Eradication Progress Report

2021 ★

Treatment Summary

Gray County Noxious Weed Dept

Acres Treated

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

Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Noxious Weed					11	50.528	4	5035.366	45	5145.894
Field Bindweed					20.5	184.599	1		10	216.099
Musk Thistle										
Totals					31.5	235.127	5	5035.366	55	5361.993

Annual Noxious Weed Eradication Progress Report

Gray County Noxious Weed Dept

2021 ★

Field Bindweed

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Enforcement													0
Warning Notice													0
Legal Notice													0
Court Cases													0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
County					62.0	73.3	501.1	290.4	67.0	482.0		85.0	1560.8
Private CRP							11.0						11.0
Private Fallow					986.7		2933.3	235.3	0.0	880.0			5035.4
Private Non-Ag					30.0		5.0		10.0				45.0
Private Other							4.0						4.0
Private Pasture							46.7	3.9					50.5
State							50.0	406.7	15.0	15.0			486.7
Total Acreage					1078.7	73.3	3551.1	936.2	92.0	1377.0		85.0	7193.3

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2-4 D CHOLINE					10.0								10.0
24D LV6 22oz Tordon pt					20.0		5.0						75.0
Dicamba + 2-4 D					2.0		20.7	3.9					26.5
Imazapic							2.0						2.0
IMAZAPIC 12OZ 24D							0.3						0.3
IMAZAPIC 24D													7.0
IMAZAPIC GARDIAN									7.0				7.0
Picloram					400.0		2920.0			880.0			4200.0
Picloram + 2-4 D					60.0	73.3	587.3	912.4	85.0	497.0		10.0	2225.0
Quinclorac					586.7		2.5	20.0	0.0	0.0			609.2
QUINCLORAC 24D VANQUISH GARD							13.3						13.3
SIGNS CULVERTS									0.0				0.0
Total Acreage					1078.7	73.3	3551.1	936.2	92.0	1377.0		85.0	7193.3

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Gray County Noxious Weed Dept

2021 ★

Johnsongrass

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Enforcement													0
Warning Notice													0
Legal Notice													0
Court Cases													0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	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						7.0	70.5	99.5		21.0			198.0

Approved Herbicides and Methods	January	February	March	April	May	June	July	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

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2021 ★

Musk Thistle

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement													0
Warning Notice													0
Legal Notice													0
Court Cases													0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
County						0.5							0.5
Private CRP					8.5	1.0	11.0						20.5
Private Non-Ag							10.0						10.0
Private Other							1.0						1.0
Private Pasture					52.4	101.7	30.5						184.6
Total Acreage					60.9	103.2	52.5						216.6

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	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					3.3	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

Noxious Weed Survey Worksheet

Gray County Noxious Weed Dept

2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Bur Ragweed													
Private ALFALFA			0.0625		0.25		1.08		0.5				1.8925
Private Corn					0.87625		1.52375		1.0625				3.4625
Private CRP					1.875		4.55		3.0625				9.4875
Private Fallow			1.0625		6.13125		8.41125		14.375				29.98
Private Grain Sorghum							2.24675		1.05				3.29675
Private Non-Ag			0.25		3		10		2.5				15.75
Private Other			0.28125		7.5		8.875		6.5				23.15625
Private Pasture			0.03125		15.25		17.83		19.5				52.6125
Private Wheat					13.47625		14.5975		3				31.07375
State					3		2.5		3				8.5
Total Acreage Infested			1.6875		51.35875		71.61425		54.55				179.2105
City					0.0		3.0		3.0				
County					0.0		0.0		0.0				
Federal					0.0		500.0		500.0				
Private ALFALFA			1.9		0.0		5.0		5.0				
Private Corn			3.5		33.3		100.0		133.3				
Private CRP			9.5		60.9		290.3		351.2				
Private Fallow			30.0		166.9		1452.3		1619.2				
Private Grain Sorghum			3.3		527.3		519.7		1047.0				
Private Non-Ag			15.8		58.0		476.5		534.5				
Private Other			23.2		277.0		14.7		291.7				
Private Pasture			52.6		407.3		0.0		407.3				
Private Soybean					925.3		363.6		1288.9				
Private Wheat			31.1		0.0		40.0		40.0				
State			8.5		546.5		1058.3		1604.8				
Township					149.5		0.0		149.5				
Total Acreage Infested	179.2				3152.0		4824.4		7976.4				
Total Acreage Surveyed			26104.03125										
County Acres				459120									
Total Estimated Acreage					3152.0		4824.4		7976.4				
Note													

Noxious Weed Survey Worksheet

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2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Johnsongrass													
Private Corn					0.1275		0.28125		0.25				0.65875
Private CRP					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				1
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	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City				0.0	1.5	1.5	
County		26104.03125	459120	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			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	3.1			0.0	75.0	75.0	
Private Wheat	2.0			53.9	21.2	75.1	
State	17.9			35.2	47.2	82.4	
Total Acreage Infested	17.9			314.0	3390.8	3704.8	
Total Estimated Acreage				314.0	3390.8	3704.8	

Noxious Weed Survey Worksheet

Gray County Noxious Weed Dept

2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Musk Thistle			3.25		3.125		3.5						9.875
Private Pasture					3.125		3.5						9.875
Total Acreage Infested			3.25		3.125		3.5						9.875

City	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private ALFALFA		26104.03125	459120	0.0	1.0	1.0	
Private CRP				0.0	0.1	0.1	
Private Fallow				0.0	200.0	200.0	
Private Non-Ag				0.0	0.3	0.3	
Private Other				0.0	5.0	5.0	
Private Pasture	9.9			173.7	240.8	414.5	
Private Wheat				0.0	0.1	0.1	
Total Acreage Infested	9.9		Total Estimated Acreage	173.7	497.3	671.0	