

Annual Noxious Weed Eradication Progress Report 2021



as required by KSA 2-1316

Noxious Weed Supervisor:

Kent Ellis

Russell County Noxious Weed Dept

Noxious Weed Department Personnel

Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
Kenton Ellis	Director	100	[REDACTED]
Jennifer Buzzell	Secretary	100	
Ray Olson	Sprayer / Mechanic	100	
Ron Major	Part time Sprayer	100	

Financial Summary - Noxious Weed Fund

	Amount
Mill levy for 2021	1.5
County valuation for 2021	\$90,869,280.00
Beginning Budget Balance for 2021	\$350,050.00

Revenues

County Appropriation	\$146,251.92	RECEIVED FEB 9 2022 Plant Protection
Carry Over	\$250,375.46	
Chemical Sale	\$172,358.62	
Equipment & Labor	\$20,555.67	
Total Revenue	\$589,541.67	

Expenditures

Personnel Services	\$117,732.64
Contractual	\$13,873.00
Commodities - Chemical	\$188,987.96
Commodities	\$21,588.00
Total Expenditures	\$342,181.60
Ending Budget Balance	\$247,374.79

Carryover to next year's budget for 2021 to 2022 \$247,374.79

Capital Outlay Fund

	Amount
Beginning Balance	\$0.00
Receipts	\$0.00
Expenditures	\$0.00
Ending Balance	\$0.00

Annual Noxious Weed Eradication Progress Report

Russell County Noxious Weed Dept

Year
2021 ★

Estimated Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Total
Canada Thistle	0.5			1.0			1.5
Field Bindweed	47530.0	170.0	1200.0	1700.0	280.0	60.0	50940.0
Hoary Cress	12.0						12.0
Johnsongrass	4129.0	50.0	40.0	35.0	450.0	25.0	4729.0
Musk Thistle	6970.0	9.0	20.0	170.0	200.0	20.0	7389.0
Sericea Lespedeza	25.0						25.0
Totals	58666.5	229.0	1260.0	1906.0	930.0	105.0	63096.5

Estimated Acreage of Noxious Weed on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Canada Thistle				0.0		0.5		0.0		0.5
Field Bindweed	13100.0	250.0	380.0	4100.0	10500.0	5500.0	400.0	11500.0	1800.0	47530.0
Hoary Cress						12.0	0.0	0.0		12.0
Johnsongrass	340.0	10.0	14.0	2900.0	280.0	75.0	300.0	190.0	20.0	4129.0
Musk Thistle	25.0			80.0	600.0	6000.0	10.0	75.0	180.0	6970.0
Sericea Lespedeza				0.0	25.0	0.0		0.0		25.0
Totals	13465.0	260.0	394.0	7080.0	11405.0	11587.5	710.0	11765.0	2000.0	58666.5

Weeds declared Noxious by the County: Multiflora Rose Bull Thistle

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2-4 D + Dicamba	\$15.75	\$15.92	92.116 gal
2-4 D Amine	\$9.44	\$9.48	2031.495 gal
2-4 D Choline	\$20.00	\$20.00	35.000 gal
2-4 D Ester	\$15.61	\$15.66	1259.080 gal
AMINOPYRALID	\$264.00	\$265.33	10.000 gal
AMINOPYRALID	\$2.06	\$2.06	75.000 oz
AMINOPYRALID	\$67.38	\$67.87	10.000 qt
Aminopyralid	\$39.99	\$39.99	384.660 gal
Aminopyralid + 2-4 D	\$28.87	\$28.96	695.000 gal
Dicamba	\$83.90	\$84.24	10.578 gal
Fluroxypyr	\$20.28	\$20.28	2382.500 gal
Glyphosate	\$91.64	\$91.76	90.649 gal
Imazapic	\$1.90	\$1.91	6102.340 oz
Metsulfuron Methyl Dry	\$36.83	\$36.85	1021.984 gal
Picloram	\$2.63	\$2.66	48.000 oz
SULFOMETURON	\$42.50	\$42.93	4.000 gal
Triclopyr			

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Treatment Summary

Russell County Noxious Weed Dept

Acres Treated

Noxious Weed	Private	County	Township	State	Federal	City	Cost Share	Total
Field Bindweed	17553	1966.8	2532.8	428.6		12.5		22493.7
Hoary Cress	5.8							5.8
Johnsongrass	532.5	393	430	47.2				1402.7
Musk Thistle	8428	9						8437
Sericea Lespedeza	40							40
Totals	26559.3	2368.8	2962.8	475.8		12.5		32379.2

Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Field Bindweed				30	50	583.3		16776.2	113.5	17553
Hoary Cress						5.8				5.8
Johnsongrass					66.5	311		153.6	1.4	532.5
Musk Thistle					200	8228				8428
Sericea Lespedeza						40				40
Totals				30	316.5	9168.1		16929.8	114.9	26559.3

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Russell 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
Inspection Warning													0
Complaint Warning													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
City				10.0	2.5								12.5
County				796.3	883.6	122.8	41.9	122.2					1966.8
Private CRP				50.0									50.0
Private Fallow				592.2	40.0	3172.7	4313.7	1716.8	192.0	120.0	300.0		16776.2
Private Grain Sorghum					2.4	111.1							113.5
Private Non-Ag				7.5	10.0	35.0	402.5	32.4	4.0	41.9	50.0		583.3
Private Pasture				1.6	92.1	269.9	38.8			26.2			428.6
State				120.0	200.5	1499.0	178.3	83.0	392.0		60.0		2532.8
Township				719.7	1108.4	5687.3	7443.4	4509.8	2235.0	260.1	230.0	300.0	22493.7

Total Acreage

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
2-4 D Amine or LV Ester	592.2	420.7			307.3	1185.0	474.7	859.3		8.0	70.0		3917.2
Dicamba	120.0				1689.6	400.0		920.0		40.0			3169.6
Dicamba + 2-4 D				40.0	160.0	3107.6	680.0	160.0	120.0				4267.6
Dicamba + Glyphosate					320.0					26.2			640.0
Fluroxypyr													26.2
Glyphosate	5.0	60.0	177.5	487.5	5.0	120.0				120.0	300.0		1275.0
Glyphosate + 2-4 D	2.5	17.5				111.1							131.1
Picloram					576.0	992.0	3203.8	160.0	64.0				4995.8
Picloram + 2-4 D				570.2	2456.9	840.2	140.3	12.0	41.9				4061.5
Picloram + Fluroxypyr					6.0	3.7							9.7
Total Acreage	719.7	1108.4	5687.3	7443.4	4509.8	2235.0	260.1	230.0	300.0	300.0	22493.7		22493.7

Annual Noxious Weed Eradication Progress Report

Hoary Cress	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement													0
Warning Notice													0
Legal Notice													0
Inspection Warning													0
Complaint Warning													0
Acreage Treated													5.8
Private Pasture					5.8								5.8
Total Acreage					5.8								5.8
Approved Herbicides and Methods													5.8
aminopyralid + 2-4 D					5.8								5.8
Total Acreage					5.8								5.8

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Johnsongrass

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement													0
Warning Notice													0
Legal Notice													0
Inspection Warning													0
Complaint Warning													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
County					37.6	62.4	191.1	93.5	8.4				393.0
Private CRP						64.0		2.5					66.5
Private Fallow						153.6							153.6
Private Non-Ag			12.8			1.4							1.4
Private Pasture						108.8	92.6	53.7	30.3	12.8			311.0
State					4.8	236.8	41.3	18.4	60.0	5.9			47.2
Township							110.0						430.0
Total Acreage			12.8		42.4	627.0	435.0	168.1	98.7	18.7			1402.7

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Glyphosate							2.5	5.0	82.5				90.0
Imazapic			12.8		42.4	531.0	432.5	163.1	16.2	18.7			1216.7
ROUNDUP + OUST						96.0							96.0
Total Acreage			12.8		42.4	627.0	435.0	168.1	98.7	18.7			1402.7

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Musk Thistle

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement													0
Warning Notice													0
Legal Notice													0
Inspection Warning													0
Complaint Warning													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
County				9.0	160.0	40.0							200.0
Private CRP	256.0		88.5	2238.5	2488.0	1060.2	223.7	12.5	12.5	162.5	1511.0	174.6	8228.0
Private Pasture			88.5	2247.5	2648.0	1060.2	263.7	12.5	12.5	162.5	1511.0	174.6	8437.0
Total Acreage	256.0		88.5	2247.5	2648.0	1060.2	263.7	12.5	12.5	162.5	1511.0	174.6	8437.0

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
2-4 D Amine or LV Ester			27.8	883.5	131.3	80.3					160.0		1282.9
Aminopyralid			10.7	9.0	352.5	52.8	21.4						446.4
Aminopyralid + 2-4 D			50.0	200.0	687.5	548.3	137.5	12.5	12.5	162.5	575.0		2385.8
Dicamba					200.0	160.0							360.0
Dicamba + 2-4 D				200.0	27.8	107.8							335.6
Metsulfuron methyl					64.9	64.0							128.9
Metsulfuron methyl + 2-4 D							27.8						27.8
Picloram				160.0	352.0	32.0	32.0			256.0	174.6		1006.6
Picloram + 2-4 D	256.0			625.0	832.0		40.0						1753.0
ROUNDUP				170.0		15.0	5.0				520.0		710.0
Total Acreage	256.0		88.5	2247.5	2648.0	1060.2	263.7	12.5	12.5	162.5	1511.0	174.6	8437.0

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2021 ★

Sericea Lespedeza

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement													0
Warning Notice													0
Legal Notice													0
Inspection Warning													0
Complaint Warning													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private Pasture						8.0	32.0						40.0
Total Acreage						8.0	32.0						40.0

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Metsulfuron methyl							32.0						32.0
TRICLOPYR (GARLON, REMEDY)						8.0							8.0
Total Acreage						8.0	32.0						40.0

Noxious Weed Survey Worksheet
Russell County Noxious Weed Dept

2021 ★

Canada Thistle	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private Pasture										0	0		0
Total Acreage Infested										0	0		0

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private Fallow		6400	57600	0.0	-0.0	0.0	
Private Grain Sorghum				0.0	0.0	0.0	
Private Pasture	0.0			0.0	0.5	0.5	
State	0.0			0.0	1.0	1.0	
			Total Estimated Acreage	0.0	1.5	1.5	

**Noxious Weed Survey Worksheet
Russell County Noxious Weed Dept**

2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Field Bindweed										6.5			6.5
Private Fallow										1			1
Private Grain Sorghum										35			35
Private Pasture										1			1
Private Soybean										4.5			4.5
Private Wheat										48			48
Total Acreage Infested													48

	Total Acreage Infested	Acreage Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City		6400	57600	0.0	60.0	60.0	
County				0.0	170.0	170.0	
Federal				0.0	280.0	280.0	
Private Corn				0.0	250.0	250.0	
Private CRP				0.0	10500.0	10500.0	
Private Fallow	6.5			58.5	11441.5	11500.0	
Private Grain Sorghum	1.0			9.0	4091.0	4100.0	
Private Non-Ag				0.0	1800.0	1800.0	
Private Other				0.0	400.0	400.0	
Private Pasture	35.0			315.0	5185.0	5500.0	
Private Soybean	1.0			9.0	371.0	380.0	
Private Wheat	4.5			40.5	13059.5	13100.0	
State				0.0	1700.0	1700.0	
Township	48.0			0.0	1200.0	1200.0	
Totals				432.0	50508.0	50940.0	

Noxious Weed Survey Worksheet
Russell County Noxious Weed Dept

2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Loaty Cress													0
Private Other													0
Private Pasture													0
Total Acreage Infested													0

	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Total Acreage Infested	6400	57600	0.0	0.0	0.0	
Private Fallow			0.0	0.0	0.0	
Private Other			0.0	12.0	12.0	
Private Pasture			0.0	12.0	12.0	
Total Estimated Acreage			0.0	12.0	12.0	

Noxious Weed Survey Worksheet
 Russell County Noxious Weed Dept

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Johnsongrass										0.5			0.5
Private Fallow										8			8
Private Pasture										1			1
Private Wheat										9.5			9.5
Total Acreage Infested													9.5

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City		6400	57600	0.0	25.0	25.0	
County				0.0	50.0	50.0	
Federal				0.0	450.0	450.0	
Private Corn				0.0	10.0	10.0	
Private CRP				0.0	280.0	280.0	
Private Fallow	0.5			4.5	185.5	190.0	
Private Grain Sorghum				0.0	2900.0	2900.0	
Private Non-Ag				0.0	20.0	20.0	
Private Other				0.0	300.0	300.0	
Private Pasture	8.0			72.0	3.0	75.0	
Private Soybean				0.0	14.0	14.0	
Private Wheat	1.0			9.0	331.0	340.0	
State				0.0	35.0	35.0	
Township				0.0	40.0	40.0	
	9.5		Total Estimated Acreage	85.5	4643.5	4729.0	

**Noxious Weed Survey Worksheet
Russell County Noxious Weed Dept**

2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Musk Thistle										11			11
Private Pasture										0.5			0.5
Private Wheat										11.5			11.5

Total Acreage Infested

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City		6400	57600	0.0	20.0	20.0	
County				0.0	9.0	9.0	
Federal				0.0	200.0	200.0	
Private CRP				0.0	600.0	600.0	
Private Fallow				0.0	75.0	75.0	
Private Grain Sorghum				0.0	80.0	80.0	
Private Non-Ag				0.0	180.0	180.0	
Private Other				0.0	10.0	10.0	
Private Pasture	11.0			99.0	5901.0	6000.0	
Private Wheat	0.5			4.5	20.5	25.0	
State				0.0	170.0	170.0	
Township	11.5			103.5	7285.5	7389.0	
		Total Surveyed	Total Estimated Acreage				
		6400	57600	103.5	7285.5	7389.0	

**Noxious Weed Survey Worksheet
Russell County Noxious Weed Dept**

2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Senicea Lespedeza													0
Private Pasture													0

Total Acreage Infested

	Total Acreage Infested	Acreage Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private CRP		6400	57600	0.0	25.0	25.0	
Private Fallow				0.0	0.0	0.0	
Private Grain Sorghum				0.0	0.0	0.0	
Private Pasture	0.0			0.0	0.0	0.0	
	0.0		Total Estimated Acreage	0.0	25.0	25.0	

Enforcement Summary

Warning Notices	72
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	2

Enforcement Comments:

We certify this is a correct copy of the Russell County Noxious Weed Dept Program for 2021
 We certify that Kent Ellis is employed as Russell County Noxious Weed Dept Director for 2022

Steve Reinhardt
 Chairman, Board of County Commissioners

2-7-22
 Date

 County Commissioner Date

[Signature]
 County Commissioner

2-7-22
 Date

 County Commissioner Date

[Signature]
 County Commissioner

2-07-2022
 Date

Kent Ellis
 County Noxious Weed Director 2-7-2022
 Date