

**ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT 2020;
as required by KSA 2-1316.**

County: Russell
Noxious Weed Supervisor's Name: Kenton Ellis

Instructions: Complete and sign form. Submit a copy to Kansas Department of Agriculture by **March 15, 2021**.

NOXIOUS WEED DEPARTMENT PERSONNEL

Name	Job Title	% Time Spent on Noxious Weeds
Kenton Ellis	Weed Director	100%
Jennifer Buzzell	Secretary	100%
Ray Olson	Sprayer / Mechanic	100%
Ron Major	Part-time water hauler	100%

Monthly salary of the Noxious Weed Director beginning January 1, 2020 \$ 3,300.35

FINANCIAL SUMMARY

BUDGET

Budget for 2020	376,650.00
Mil levy for 2020	1.5
County valuation for 2020	88,708,763.00

EXPENDITURES

Personnel services	110,112.01
Contractual services	12,078.05
Commodities	
Chemical purchases	110,631.37
Other commodities	27,683.90
Total Commodities	138,315.27
Capital outlay	0
TOTAL EXPENDITURES	260,505.33

REVENUE

Budgeted carryover (2019 to 2020)	341,666.43
County appropriation (Tax funds & others)	166,722.30
Current reimbursements	
Chemical	98,271.98
Equipment & Labor	12,337.50
Other	2.03
Total reimbursements	110,611.51
Old accounts collected	0
TOTAL REVENUE	277,333.81
Carryover to next year's budget (2020 to 2021)	393,478.48

Annual Noxious Weed Eradication Progress Report

Russell County Noxious Weed Dept

Year
2020 ★

Estimated Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Total
Canada Thistle	0.0			1.0			1.0
Field Bindweed	48570.0	170.0	1280.0	1800.0	300.0	60.0	52180.0
Hoary Cress	10.0						10.0
Johnsongrass	4060.0	25.0	40.0	40.0	450.0	25.0	4640.0
Musk Thistle	7090.0	9.0	20.0	170.0	200.0	25.0	7514.0
Sericea Lespedeza	39.0						39.0
Totals	59769.0	204.0	1340.0	2011.0	950.0	110.0	64384.0

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		0.0		0.0		0.0
Field Bindweed	13100.0	250.0	380.0	4200.0	10900.0	5540.0	400.0	12000.0	1800.0	48570.0
Hoary Cress						10.0		0.0		10.0
Johnsongrass	340.0	10.0	14.0	2900.0	280.0	6.0	300.0	190.0	20.0	4060.0
Musk Thistle	30.0			80.0	605.0	6100.0	10.0	75.0	190.0	7090.0
Sericea Lespedeza				9.0	30.0	0.0		0.0		39.0
Totals	13470.0	260.0	394.0	7189.0	11815.0	11656.0	710.0	12265.0	2010.0	59769.0

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	\$15.76	90.200 gal
2-4 D Amine	\$9.18	\$9.18	1873.163 gal
2-4 D Choline	\$16.03	\$16.03	35.000 gal
2-4 D Ester	\$14.67	\$14.67	1000.000 gal
AMINOPYRALID	\$262.99	\$263.00	2.500 gal
AMINOPYRALID	\$2.06	\$2.06	91.000 oz
Aminopyralid	\$70.75	\$70.75	32.000 qt
Aminopyralid + 2-4 D	\$39.38	\$39.38	292.000 gal
Dicamba	\$34.03	\$34.04	633.141 gal
Fluroxypyr	\$82.50	\$82.50	14.700 gal
GLYPHOSATE	\$11.36	\$11.37	1038.640 gal
Imazapic	\$94.12	\$94.13	76.922 gal
METSULFURON METHYL	\$5.47	\$5.47	40.000 oz
Metsulfuron Methyl Dry	\$1.99	\$1.99	5176.000 oz
OXYFLUORFEN	\$123.00	\$123.00	1.130 gal
Picloram	\$37.56	\$37.56	270.696 gal
Triclopyr	\$41.66	\$41.66	19.750 gal
Triclopyr + 2-4 D	\$30.79	\$30.80	5.000 gal

Annual Noxious Weed Eradication Progress Report
Treatment Summary

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Russell County Noxious Weed Dept

Acres Treated

Noxious Weed	Private	County	Township	State	Federal	City	Cost Share	Total
Field Bindweed	6866.1	1802.6	1160.9	497.7		20		10347.3
Johnsongrass	282.5	378.3	461.6	37.3				1159.7
Musk Thistle	8104.6							8104.6
Sericea Lespedeza	281.6							281.6
Totals	15534.8	2180.9	1622.5	535		20		19893.2

Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Field Bindweed				295				6561.1	10	6866.1
Johnsongrass				191	86.5			5		282.5
Musk Thistle				308	7786.6			10		8104.6
Sericea Lespedeza				184	97.6					281.6
Totals				578.5	8370.2			6576.1	10	15534.8

Annual Noxious Weed Eradication Progress Report

Russell County Noxious Weed Dept 2020 ★

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			20.0										20.0
County			10.2	31.2	686.3	824.2	101.2		59.9	89.6			1802.6
Private Fallow			2.5	230.0	132.5	325.0	3082.6	2063.0	715.5	10.0			6561.1
Private Non-Ag						10.0							10.0
Private Pasture			70.0	59.0	7.5	89.0	55.5	14.0					295.0
State				52.5	293.0	33.2	65.9	4.8	0.3	48.0			497.7
Township				423.6	268.4	148.9				320.0			1160.9
Total Acreage	102.7	372.7	1542.9	2081.8	775.7	467.6	10347.3	10347.3	10347.3	10347.3	10347.3	10347.3	10347.3

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2-4 D Amine or LV Ester			30.0	44.0	10.3	19.2	235.1	83.3	203.0				624.9
2-4 D LV 6# Ester				20.0			91.4	792.5	30.5				934.4
Dicamba			40.0	200.0			904.0	80.0					1224.0
Dicamba + 2-4 D			6.0	83.7	1023.8	393.2	1364.5	922.2	320.0	368.0			4481.4
ESCORT										31.0			31.0
Glyphosate			22.5	20.0	60.0	5.0	37.5	30.0	141.8	10.0			326.8
Glyphosate + 2-4 D			4.2	5.0		55.0			35.0				99.2
Picloram					448.8	1067.4	415.6	160.0	45.4	57.6			576.0
Picloram + 2-4 D								9.0					9.0
Picloram + Fluroxypyr													2039.6
Triclopyr + Aminopyralid										1.0			1.0
Total Acreage	102.7	372.7	1542.9	2081.8	775.7	467.6	10347.3	10347.3	10347.3	10347.3	10347.3	10347.3	10347.3

Annual Noxious Weed Eradication Progress Report

Russell County Noxious Weed Dept 2020 ★

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					19.1	137.7	135.8	85.7					378.3
Private CRP						38.4	32.8	2.5	12.8				86.5
Private Fallow						5.0							5.0
Private Pasture					12.8	69.6	69.0	39.6					191.0
State						9.9	8.3	16.2			2.9		37.3
Township					76.2	172.2	113.2			10.0		90.0	461.6
Total Acreage					108.1	432.8	359.1	144.0	12.8	12.8	12.9	90.0	1159.7

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Glyphosate						22.5	45.0	7.5		10.0		90.0	175.0
Imazapic					108.1	410.3	314.1	136.5	12.8	2.9			984.7
Total Acreage					108.1	432.8	359.1	144.0	12.8	12.8	12.9	90.0	1159.7

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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
Private CRP						260.0	48.0						308.0
Private Fallow											10.0		10.0
Private Pasture	217.5		1818.2	2908.2	1928.4	794.3	794.3	34.6	53.4	32.0			7786.6
Total Acreage	217.5		1818.2	2908.2	2188.4	842.3	842.3	34.6	53.4	32.0	10.0		8104.6

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2-4 D Amine or LV Ester			30.0	32.0	334.0	278.0	100.0				10.0		784.0
2-4 D LV 6# Ester				140.0	60.0	10.0	55.6						265.6
Aminopyralid				42.7	181.7	74.9	74.8	32.1	21.4				427.6
Aminopyralid + 2-4 D			137.5	187.5	575.0	500.0	425.0						1825.0
Dicamba				800.0	40.0	400.0							1240.0
Dicamba + 2-4 D			50.0	40.0	1160.0	509.5	138.9						1898.4
Metsulfuron methyl						64.0	48.0						176.0
Metsulfuron methyl + 2-4 D									32.0				32.0
Picloram					320.0	192.0			32.0				544.0
Picloram + 2-4 D				576.0	136.0	160.0							872.0
ROUNDUP					37.5			2.5					40.0
Total Acreage	217.5		1818.2	2908.2	2188.4	842.3	842.3	34.6	53.4	32.0	10.0		8104.6

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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
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Acreage Treated													Totals
Private CRP			25.6	40.0	24.0	64.0			120.0				184.0
Private Pasture			25.6	40.0	24.0	8.0							97.6
Total Acreage			25.6	40.0	24.0	72.0			120.0				281.6
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Approved Herbicides and Methods													Totals
CROSSBOW			25.6										25.6
Metsulfuron methyl					16.0				120.0				120.0
REMEDY				40.0	8.0	72.0							16.0
TRICLOPYR (GARLON, REMEDY)					8.0								120.0
Total Acreage			25.6	40.0	24.0	72.0			120.0				281.6

Noxious Weed Survey Worksheet Russell County Noxious Weed Dept

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

Total Acreage Infested 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	0.0	0.0	
State				0.0	1.0	1.0	
	0.0	Total Estimated Acreage		0.0	1.0	1.0	

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

2020 ★

Field Bindweed	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Private CRP									0.25				0.25
Private Fallow									0.5				0.5
Private Pasture								9.5	9.25				18.75
Total Acreage Infested								9.5	10				19.5

	Total Acreage Infested	Acres 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	300.0	300.0	
Private Corn				0.0	250.0	250.0	
Private CRP	0.3			2.3	10897.7	10900.0	
Private Fallow	0.5			4.5	11995.5	12000.0	
Private Grain Sorghum				0.0	4200.0	4200.0	
Private Non-Ag				0.0	1800.0	1800.0	
Private Other				0.0	400.0	400.0	
Private Pasture	18.8			168.8	5371.2	5540.0	
Private Soybean				0.0	380.0	380.0	
Private Wheat				0.0	13100.0	13100.0	
State				0.0	1800.0	1800.0	
Township	19.5			0.0	1280.0	1280.0	
			Total Estimated Acreage	175.6	52004.4	52180.0	

Noxious Weed Survey Worksheet Russell County Noxious Weed Dept

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Hoary Cress January February March April May June July August September October November December: Totals
 Private Pasture 0 0 0 0 0 0 0 0 0 0 0 0 0

Total Acreage Infested

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private Fallow	0.0	6400	57600	0.0	0.0	0.0	
Private Pasture	0.0			0.0	10.0	10.0	
	0.0		Total Estimated Acreage	0.0	10.0	10.0	

Noxious Weed Survey Worksheet

Russell County Noxious Weed Dept

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	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Johnsongrass													0.5
Private Fallow								0.5					0.5
Private Grain Sorghum								0.25	0.25				0.5
Private Pasture								0.25	0.25				0.5
Total Acreage Infested								1	0.5				1.5

	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	25.0	25.0	
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	0.5			4.5	2895.5	2900.0	
Private Non-Ag				0.0	20.0	20.0	
Private Other				0.0	300.0	300.0	
Private Pasture	0.5			4.5	1.5	6.0	
Private Soybean				0.0	14.0	14.0	
Private Wheat				0.0	340.0	340.0	
State				0.0	40.0	40.0	
Township				0.0	40.0	40.0	
	1.5		Total Estimated Acreage	13.5	4626.5	4640.0	

Noxious Weed Survey Worksheet Russell County Noxious Weed Dept

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Musk Thistle	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private Pasture								2.5	1.75				4.25
								2.5	1.75				4.25

	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	9.0	9.0	
Federal				0.0	200.0	200.0	
Private CRP				0.0	605.0	605.0	
Private Fallow				0.0	75.0	75.0	
Private Grain Sorghum				0.0	80.0	80.0	
Private Non-Ag				0.0	190.0	190.0	
Private Other				0.0	10.0	10.0	
Private Pasture	4.3			38.3	6061.7	6100.0	
Private Wheat				0.0	30.0	30.0	
State				0.0	170.0	170.0	
Township				0.0	20.0	20.0	
	4.3		Total Estimated Acreage	38.3	7475.7	7514.0	

Noxious Weed Survey Worksheet Russell County Noxious Weed Dept

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	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Sericea Lespedeza								0.125					0.125
Private CRP								1					1
Private Grain Sorghum								0					0
Private Pasture													0
Total Acreage Infested								1.125					1.125

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private CRP	0.1	6400	57600	1.1	28.9	30.0	
Private Fallow				0.0	0.0	0.0	
Private Grain Sorghum	1.0			9.0	0.0	9.0	
Private Pasture	0.0			0.0	0.0	0.0	
	1.1	Total Estimated Acreage		10.1	28.9	39.0	

Enforcement Summary

Warning Notices	69
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 2020
 We certify that Kent Ellis is employed as Russell County Noxious Weed Dept Director for 2021

Steve Reinhardt 2-6-21
 Chairman, Board of County Commissioners Date

[Signature] 2-7-21
 County Commissioner Date

[Signature] 2-4-21
 County Commissioner Date

 County Commissioner Date

 County Commissioner Date

[Signature] 2-6-2021
 County Noxious Weed Director Date