

Annual Noxious Weed Eradication Progress Report 2020
as required by KSA 2-1316



Shawnee County Weed Department

Noxious Weed Supervisor:
John Landon

Noxious Weed Department Personnel

Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
John Landon	Weed Director	100	
See Appendix A			

Financial Summary - Noxious Weed Fund

	Amount
Mil levy for 2020	48.172
County valuation for 2020	\$1,728,118,228.00
Beginning Budget Balance for 2020	\$271,716.47

Expenditures

Personnel Services	\$191,428.47
Contractual Services	\$18,100.00
Chemical Purchases	\$174,814.67
Vehicle Equipment & Supplies	\$14,970.27
Other Commodities	\$12,188.00
Total Expenditures	\$411,501.41
Ending Budget Balance	\$266,947.27

Carryover to next year's budget for 2020 to 2021 \$4,769.21

Capital Outlay Fund

	Amount
Beginning Balance	\$192,540.09
Receipts	\$31,737.85
Expenditures	\$106,086.37
Ending Balance	\$118,191.57

See Appendix B

Annual Noxious Weed Eradication Progress Report

Shawnee County Weed Department

Year
2020 ★

Estimated Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Total
Field Bindweed	572.0	451.8		289.0	119.2	227.4	1659.4
Johnsongrass	599.0	512.4		396.2	170.8		1678.4
Musk Thistle	833.4	227.4		232.4	169.8		1463.0
Sericea Lespedeza	3439.0			172.8			3611.8
Totals	5443.4	1191.6		1090.4	459.8	227.4	8412.6

Estimated Acreage of Noxious Weed on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Field Bindweed			168.8			59.6	343.6			572.0
Johnsongrass		118.2	235.4			75.6	169.8			599.0
Musk Thistle						232.4	601.0			833.4
Sericea Lespedeza						1621.4	1817.6			3439.0
Totals		118.2	404.2			1989.0	2932.0			5443.4

Weeds declared Noxious by the County: Mulliflora Rose Bull Thistle

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2-4 D Amine	\$11.80	\$9.45	4620.000 gal
2-4 D Amine	\$0.09	\$0.09	5560.000 oz
2-4 D Choline	\$0.19	\$0.19	768.000 oz
2-4 D Ester	\$16.80	\$13.20	30.000 gal
Aminopyralid	\$1.13	\$1.13	1018.500 oz
Aminopyralid	\$71.00	\$54.75	9.000 qt
Glyphosate	\$13.29	\$10.85	2887.500 gal
Glyphosate	\$0.13	\$0.13	800.000 oz
Glyphosate Dry	\$1.73	\$1.50	1897.500 oz
Imazapic	\$101.20	\$101.20	2.500 gal
Imazapic	\$0.79	\$0.79	1298.800 oz
Metsulfuron Methyl Dry	\$2.11	\$1.74	7388.500 oz
Picloram	\$46.00	\$36.00	406.000 gal
Picloram	\$0.36	\$0.36	4356.000 oz
Triclopyr	\$50.50	\$39.38	1061.000 gal
Triclopyr	\$0.41	\$0.41	396.300 oz

Enforcement Summary

Warning Notices	15
Legal Notices	6
Court Cases	

Diversion Agreements	
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 Shawnee County Weed Department Program for 2020
We certify that John Landon is employed as Shawnee County Weed Department Director for 2021

Kenny Cook 3/15/2021
Chairman, Board of County Commissioners Date

[Signature] 3/15/2021
County Commissioner Date

William D. Bill 3/15/2021
County Commissioner Date

County Commissioner Date

[Signature] 3/9/21
County Noxious Weed Director Date

Shawnee County Weed Department Employees Appendix A

Name	Title	Dates Employed	% of time on Noxious Weeds
John Landon	Director	2/17/202-Current	100%
Brandy Fraley	Acocount Clerk	1/1/20-Current	100%
Cheri Hobson	Full Time Applicator	1/1/2020-9/8/20	100%
Cletus Caillteux	Intermittent Applicator	1/1/20-7/3/20	100%
Mike Gison	Intermittent Applicator	4/13/20-8/24/20	100%
Butch Romick	Intermittent Applicator	6/15/20-11/30/20	100%
Tyler Dewitt	Intermittent Sales	4/15/20-10/16/20	100%
Shane Ware	Full Time Applicator	11/9/20-Current	100%

Shawnee County Capital Outlay Purchases 2020

Appendix B

- 1) John Deer UTV, Model 825M, Purchased 6/10/20 \$14,782.98 Equipment# NW120
- 2) Ag Spray Equipment, Model FSUTV-65-12V, Purchased 6/10/20 \$1,377.00 Equipment# NW120A
- 3) John Deer UTV, Model 825M, Purchased 6/10/20 \$14,782.98 Equipment# NW121
- 4) Ag Spray Equipment, Model FSUTV-65-12V, Purchased 6/10/20 \$1,377.00 Equipment# NW121A
- 5) Star Weed Software, Purchased 3/27/20 \$4,500.00 Chemical Sales
- 6) Safety Lights, Purchased 5/19/20 \$1,648.88 Equipment# NW120 &121
- 7) Hotsy Power Washer, Purchased 6/8/20 \$2,999.99 Equipment# NW154
- 8) Road Clipper 14x82 Trailer, Model PSA152, Purchased 8/13/20 \$2,450.00 Equipment# NW152
- 9) Road Clipper 14x82 Trailer, Model PSA152, Purchased 9/17/20 \$2,450.00 Equipment# NW153
- 10) Verizon Network Fleet GPS Tracking, Purchased 10/2/20 \$390.00 For all spray equipment
- 11) Enterprise Fleet Truck Leases, Leased 1/17/20 \$13,164.81
- 12) Fairbank Equipment, Skid mount roadside spray unit, Purchased 10/8/20 \$ 21,023.31
Equipment# NW113
- 13) Fairbank Equipment, Skid mount roadside spray unit, Purchased 10/8/20 \$ 21,023.31
Equipment# NW110

Annual Noxious Weed Eradication Progress Report
Treatment Summary

Shawnee County Weed Department

Acres Treated	Private	County	Township	State	Federal	City	Cost Share	Total
Noxious Weed	10.0							10.0
Canada Thistle	4729.3	307.1	271.8	107.5	5.0	402.7		5823.4
Field Bindweed	2233.0	254.3	47.0	31.8		137.0		2703.1
Johnsongrass	25645.7	584.7	373.8	141.5		252.5		26998.2
Musk Thistle	19793.0	231.9	48.1	24.0		80.0		20177.0
Sericea Lespedeza								
Totals	52411.0	1378.0	740.7	304.8	5.0	872.2		55711.7

Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Canada Thistle				10.0						10.0
Field Bindweed	65.0			2054.5	10.0	1511.0	20.0		2475.5	4729.3
Johnsongrass				24382.7		20.0	50.0		627.0	2233.0
Musk Thistle				18528.0	24.0	144.0			400.0	19793.0
Sericea Lespedeza					99.0	46486.2	234.0		4223.5	52411.0
Totals										

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Shawnee County Weed Department
2020 ★

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Canada Thistle													
Enforcement													0
Warning Notice													0
Legal Notice													0
Court Cases													0
Diversion Agreements													0
Acreage Treated													Totals
Private Pasture							10.0						10.0
Total Acreage							10.0						10.0
Approved Herbicides and Methods													Totals
2-4 D Low Volatile Ester or Amine							10.0						10.0
Total Acreage							10.0						10.0

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Field Bindweed	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement													0
Warning Notice													1
Legal Notice													0
Court Cases													0
Diversion Agreements													0
Acreage Treated													402.7
City			50.0	97.7	98.0	10.0	57.0	70.0	20.0			42.9	307.1
County	15.3		40.0		80.9	87.5	20.5	20.0					5.0
Federal								5.0					65.0
Private CRP						30.2	5.0	79.0			0.1		114.3
Private Hay Field			30.7	280.3	277.6	475.5	486.7	687.3	197.3	40.1			2475.5
Private Non-Ag				10.0	10.0								20.0
Private Other				333.4	585.9	481.3	185.5	264.5	20.0		5.0		2054.5
Private Pasture	5.0		173.9		8.8			28.0	20.0				107.5
State				50.7			10.0					261.8	271.8
Township													5823.4
Total Acreage	20.3		294.6	772.1	1061.2	1084.5	764.7	1218.8	257.3	40.2	5.0	304.7	5823.4

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	230.0	536.8	357.5	237.5	425.5	110.0	10.0			1966.3
2-4 D Choline													3.3
Glyphosate	20.3		264.6	510.1	524.4	727.0	527.2	697.3	147.3	30.2	5.0		3453.4
Picloram				32.0				96.0				272.4	400.4
Total Acreage	20.3		294.6	772.1	1061.2	1084.5	764.7	1218.8	257.3	40.2	5.0	304.7	5823.4

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Johnsongrass

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement								2					2
Warning Notice													0
Legal Notice													0
Court Cases													0
Diversion Agreements													0
Acreage Treated													Totals
City					95.0	10.0		20.0	43.0	12.0			137.0
County	6.0				80.0	20.0	45.0	43.0	29.3	31.0			254.3
Private CRP						10.0							10.0
Private Hay Field						5.0	5.0	15.0	10.0				35.0
Private Non-Ag	5.3			10.7	155.9	220.0	45.0	95.0	30.1	35.0	30.0		627.0
Private Other					50.0								50.0
Private Pasture		5.3	42.6	41.9	305.0	245.2	410.1	280.9	170.0	10.0			1511.0
State								21.8	10.0				31.8
Township				10.7				5.0	10.0			21.3	47.0
Total Acreage	11.3	5.3	42.6	63.3	685.9	500.2	515.1	417.7	293.1	88.0	30.0	50.6	2703.1

Approved Herbicides and Methods

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
2-4 D Amine or LV Ester				10.0									10.0
Glyphosate	11.3	5.3	42.6	53.3	685.9	500.2	515.1	395.9	270.1	75.0	30.0		2584.7
Imazapic								21.8	23.0	13.0			58.6
Total Acreage	11.3	5.3	42.6	63.3	685.9	500.2	515.1	417.7	293.1	88.0	30.0	50.6	2703.1

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Musk Thistle	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement						3							3
Warning Notice						4							4
Legal Notice													0
Court Cases													0
Diversion Agreements													0
Acreage Treated													Totals
City			102.0		31.0		87.5	32.0				79.4	252.5
County	133.3			20.0	100.0	130.0	122.0						584.7
Private Hay Field				90.0	30.0	356.0		46.0					522.0
Private Non-Ag		20.0	70.0	146.0	110.0	324.0	50.0			1.0			721.0
Private Other					20.0								20.0
Private Pasture	20.7	20.0	686.0	2184.0	6198.0	7708.0	3926.0	2036.0	1382.0	212.0	10.0		24382.7
State					86.5			55.0					141.5
Township				20.0									353.8
Total Acreage	154.0	40.0	858.0	2460.0	6575.5	8518.0	4185.5	2169.0	1382.0	213.0	10.0	433.2	26998.2

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
2-4 D Amine				10.0		10.0							20.0
2-4 D Amine or LV Ester	61.3	40.0	570.0	1650.0	4427.5	4171.0	3068.5	1790.0	870.0	180.0	10.0	29.0	16867.3
2-4 D Choline													3.3
Aminopyralid	10.7				63.0	58.0	35.0	59.0		1.0		128.5	355.2
Imazapic	50.0				389.0	1767.0	666.0	64.0	176.0				3062.0
Metsulfuron methyl	32.0		288.0	800.0	1696.0	2512.0	416.0	256.0	336.0	32.0		272.4	6640.4
Picloram	154.0	40.0	858.0	2460.0	6575.5	8518.0	4185.5	2169.0	1382.0	213.0	10.0	433.2	26998.2

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Sericea Lespedeza

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Enforcement								3	6				10
Warning Notice						1							1
Legal Notice						1							0
Court Cases													0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
City			80.0										80.0
County	40.0						160.0	8.0		5.5		18.4	231.9
Private CRP							8.0	16.0					24.0
Private Hay Field				24.0	48.0	56.0		24.0	528.0	17.0			697.0
Private Non-Ag				56.0	24.0	32.0	24.0	256.0	8.0				400.0
Private Other				128.0		16.0							144.0
Private Pasture	256.0	8.0	456.0	720.0	1208.0	2000.0	2288.0	5664.0	5612.0	284.0	32.0		18528.0
State								0.0	8.0				24.0
Township				16.0									48.1
Total Acreage	296.0	8.0	536.0	944.0	1280.0	2104.0	2480.0	5968.0	6156.0	306.5	32.0	66.5	20177.0

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Metsulfuron methyl	288.0		384.0	688.0	320.0	448.0	1088.0	3584.0	4772.0	53.0			11676.0
Triclopyr	8.0	8.0	152.0	256.0	960.0	1656.0	1392.0	2384.0	1384.0	253.5	32.0		8501.0
Total Acreage	296.0	8.0	536.0	944.0	1280.0	2104.0	2480.0	5968.0	6156.0	306.5	32.0	66.5	20177.0

Noxious Weed Survey Worksheet Shawnee County Weed Department

2020 ★

Field Bindweed	January	February	March	April	May	June	July	August	September	October	November	December	Totals
City							1	4	2				4
County								5					8
Federal								2					2
Private Pasture								1					1
Private Residential Area							6						6
Private Soybean								3					3
State							7	20	2				5
Total Acres Infested													29

	Total Acres Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City	4.0	6400	355840	222.4	5.0	227.4	
County	8.0			444.8	7.0	451.8	
Federal	2.0			111.2	8.0	119.2	
Private Pasture	1.0			55.6	4.0	59.6	
Private Residential Area	6.0			333.6	10.0	343.6	
Private Soybean	3.0			166.8	2.0	168.8	
State	5.0			278.0	11.0	289.0	
	29.0			1612.4	47.0	1659.4	
				Total Estimated Acreage			

Noxious Weed Survey Worksheet Shawnee County Weed Department

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	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Johnsongrass							2	6	1				9
County								3					3
Federal								2					2
Private Corn								1					1
Private Pasture							3						3
Private Residential Area						1		3					4
Private Soybean								7					7
State						6	6	22	1				29
Total Acreage Infested													

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
County	9.0	6400	355840	500.4	12.0	512.4	
Federal	3.0			166.8	4.0	170.8	
Private Corn	2.0			111.2	7.0	118.2	
Private Pasture	1.0			55.6	20.0	75.6	
Private Residential Area	3.0			166.8	3.0	169.8	
Private Soybean	4.0			222.4	13.0	235.4	
State	7.0			388.2	7.0	396.2	
	29.0	Total Estimated Acreage		1612.4	66.0	1678.4	

Noxious Weed Survey Worksheet

Shawnee County Weed Department

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Musk Thistle	January	February	March	April	May	June	July	August	September	October	November	December	Totals
County								4					4
Federal								3					3
Private Hay Field							1	4					9
Private Other								1					1
Private Pasture								3	1				4
State							1	18	6				25

Total Acreage Infested

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
County	4.0	6400	355840	222.4	5.0	227.4	
Federal	3.0			166.8	3.0	169.8	
Private Hay Field	9.0			500.4	25.0	525.4	
Private Other	1.0			55.6	20.0	75.6	
Private Pasture	4.0			222.4	10.0	232.4	
State	4.0			222.4	10.0	232.4	
	25.0		Total Estimated Acreage	1390.0	73.0	1463.0	

Noxious Weed Survey Worksheet

Shawnee County Weed Department

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	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Señora Lespedeza								6	2				8
Private Hay Field									1				1
Private Other									20				29
Private Pasture								9					9
Private Residential Area								12	1				13
Private Wooded Area								3					3
Total Acreage Infested								39	24				63

	Total Acreage Infested	Acreage Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private Hay Field	8.0	6400	355840	444.8	75.0	519.8	
Private Other	1.0			55.6	4.0	59.6	
Private Pasture	29.0			1612.4	9.0	1621.4	
Private Residential Area	9.0			500.4	1.0	501.4	
Private Wooded Area	13.0			722.8	-14.0	736.8	
State	3.0			166.8	6.0	172.8	
	63.0			3502.8	109.0	3611.8	
		Total Estimated Acreage					