

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



Lyon County Noxious Weed Dept.

Noxious Weed Supervisor:
Amy Welch

Noxious Weed Department Personnel

Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
Guillermo Hinostroza	Assistant	100	[REDACTED]
Rebecca Foraker	Office Manager	100	[REDACTED]
Amy Welch	Director	75	[REDACTED]
Stephanie Alaniz	Summer Help	50	[REDACTED]

Financial Summary - Noxious Weed Fund

	Amount
Mil levy for 2021	0.464
County valuation for 2021	\$370,497,253.00
Beginning Budget Balance for 2021	\$357,646.00

Revenues

Appropriation - AD VALOREM	\$93,346.43	
Appropriation - DELQ	\$2,056.55	
Appropriation - MOTOR VEHICLE	\$12,903.60	
Appropriation - Recreational Vehicle Tax	\$750.63	
Appropriation - Vehicle Rental Tax	\$72.60	
Receipts - Chemical	\$261,559.92	
Receipts - Chemical Taxes	\$4.59	
Total Revenue		\$370,694.32

Expenditures

Commodities	\$1,589.91	
Commodities - Chemical	\$259,228.52	
Commodities - Dues & Subs	\$1,647.45	
Commodities - Fuels	\$2,177.82	
Commodities - Maintenance	\$1,119.74	
Commodities - Operating Supplies	\$1,574.40	
Commodities - Telephone	\$996.96	
Commodities - Travel	\$1,307.27	
Contractual	\$2,361.49	
Personnel - Benefits	\$33,349.88	
Personnel - Salaries	\$113,150.13	
Total Expenditures		\$418,503.57

Ending Budget Balance \$0.00

Carryover to next year's budget for 2021 to 2022 \$95,812.73

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		Amount
Capital Outlay Fund		\$0.00
Beginning Balance		\$0.00
Receipts		\$0.00
Expenditures		\$0.00
	Ending Balance	\$0.00

Annual Noxious Weed Eradication Progress Report
Treatment Summary

Lyon County Noxious Weed Dept.

Acres Treated

Noxious Weed	Private	County	Township	State	Federal	City Cost Share	Total
Noxious Weed	5977.2	639		72.8		20	6709
Field Bindweed	1484.4	862.6		146.1		105.4	2598.5
Johnsongrass	9872			6			9878
Musk Thistle	47095.8	614		84			47793.8
Sericea Lespedeza						125.4	
Totals	64429.4	2115.6		308.9			66979.3

Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Noxious Weed						5924.7	20		27.5	5972.2
Field Bindweed						1454.4			30	1484.4
Johnsongrass						9832				9832
Musk Thistle						47007.8				47007.8
Sericea Lespedeza							20		57.5	47007.8
Totals						64218.9	20		57.5	64296.4

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Lyon 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
City					10.0	5.0	5.0						20.0
County				27.0	73.0	172.0	216.0	138.0	13.0				639.0
Private					5.0								5.0
Private Non-Ag				2.5		5.0	15.0		5.0				27.5
Private Other							20.0						20.0
Private Pasture			310.0	617.5	1577.5	1870.0	857.7	502.0	135.0				5924.7
State							72.8						72.8
Total Acreage			310.0	647.0	1665.5	2052.0	1166.5	660.0	153.0	55.0			6709.0

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
2, 4-D #4 Amine													5418.0
Glyphosphate (Round-Up)			155.0	562.0	1563.0	1893.0	655.0	400.0	145.0	45.0			150.2
Imzaptic (Plateau & Panoramic)			115.0	5.0	2.5	5.0	6.7	16.0					36.8
Metsulfuron Methyl (Escort XP/Generic)						12.0	4.8	20.0					416.0
Picloram (Tordon 22K)			40.0	80.0	100.0	130.0	230.0	134.0	90.0	8.0			688.0
Total Acreage			310.0	647.0	1665.5	2052.0	1166.5	660.0	153.0	55.0			6709.0

Annual Noxious Weed Eradication Progress Report

Lyon 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
City					10.0	16.7	6.7	32.0				40.0	105.4
County				1.0		72.0	238.9	234.0	220.7	96.0			862.6
Private Non-Ag						5.0	25.0						30.0
Private Pasture			15.0	410.0	185.7	235.0	338.5	187.0	63.2		10.0	10.0	1454.4
State						40.0	99.4	6.7					146.1
Total Acreage	15.0		15.0	411.0	195.7	368.7	708.5	459.7	283.9	96.0	10.0	50.0	2598.5

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Glyphosphate (Round-Up)			15.0	411.0	185.0	296.7	364.5	193.7	69.9		10.0	50.0	1595.8
Imzaptic (Plateau & Panoramic)					10.7	72.0	344.0	266.0	214.0	96.0			1002.7
Total Acreage			15.0	411.0	195.7	368.7	708.5	459.7	283.9	96.0	10.0	50.0	2598.5

Annual Noxious Weed Eradication Progress Report

Lyon County Noxious Weed Dept.
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
Private			740.0	90.0	3051.0	1940.0	1241.0	1380.0	1150.0	240.0			9832.0
Private Pasture							6.0						6.0
State			740.0	90.0	3051.0	1940.0	1247.0	1380.0	1150.0	280.0			9878.0
Total Acreage													
Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
2, 4-D 4# Amine			20.0	50.0	595.0	220.0	45.0	40.0	150.0				1120.0
Metsulfuron Methyl (Escort XP/Generic)					16.0		22.0	160.0					198.0
Picloram (Tordon 22K)			720.0	40.0	2440.0	1720.0	1180.0	1180.0	1000.0	280.0			8560.0
Total Acreage			740.0	90.0	3051.0	1940.0	1247.0	1380.0	1150.0	280.0			9878.0

Annual Noxious Weed Eradication Progress Report

Lyon County Noxious Weed Dept.

2021 ★

Sericea Lespedeza

	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

Acres Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
County						116.0	40.0	136.0	226.0	96.0			614.0
Private								8.0		80.0			88.0
Private Pasture				496.0	4766.0	11260.0	4850.0	14467.8	9672.0	1480.0			47007.8
State							68.0		16.0				84.0
Total Acreage				496.0	4766.0	11376.0	4958.0	14611.8	9914.0	1656.0		16.0	47793.8

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
2, 4-D #4 Amine (as mixed w/Remedy)					1790.0	2020.0	690.0	496.0					4996.0
Metsulfuron Methyl (Escort XP/Generic)				160.0	272.0	1444.0	1204.0	9987.8	9906.0	1656.0			24645.8
Triclopyr (Remedy)				336.0	2704.0	7912.0	3064.0	4128.0	8.0				18152.0
Total Acreage				496.0	4766.0	11376.0	4958.0	14611.8	9914.0	1656.0		16.0	47793.8

Noxious Weed Survey Worksheet

Lyon County Noxious Weed Dept.

2021 ★

Field	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
County													12
Private Other													5
Total Acreage Infested													17

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City				0.0	225.0	225.0	
County	12.0			1029.6	0.0	1029.6	
Private Corn				0.0	42.9	42.9	
Private Fallow				0.0	0.0	0.0	
Private Grain Sorghum				0.0	0.0	0.0	
Private Non-Ag				0.0	35.0	35.0	
Private Other	5.0			429.0	-399.0	30.0	
Private Pasture				0.0	8077.0	8077.0	
Private Soybean				0.0	250.0	250.0	
Private Wheat				0.0	116.0	116.0	
State				0.0	75.0	75.0	
Total	17.0	Total Estimated Acreage		1458.6	8421.9	9880.5	

Noxious Weed Survey Worksheet

Lyon County Noxious Weed Dept.

2021 ★

Johnsongrass	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
County													3.5
Total Acreage Infested													3.5

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City				0.0	105.4	105.4	
County	3.5			300.3	655.1	955.4	
Private Corn				0.0	0.0	0.0	
Private CRP				0.0	0.0	0.0	
Private Fallow				0.0	0.0	0.0	
Private Non-Ag				0.0	107.0	107.0	
Private Other				0.0	0.0	0.0	
Private Pasture				0.0	1450.0	1450.0	
Private Soybean				0.0	0.0	0.0	
Private Wheat				0.0	0.0	0.0	
State	3.5		Total Estimated Acreage	300.3	2472.1	2772.4	

Noxious Weed Survey Worksheet

Lyon County Noxious Weed Dept.

2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Musk Thistle													0.1
Private Pasture													0.1
Total Acreage Infested													0.1

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
County		6400	549120	0.0	43.4	43.4	
Private Other				0.0	40.0	40.0	
Private Pasture	0.1			8.6	9832.0	9840.6	
Private Soybean				0.0	0.0	0.0	
State				0.0	10.0	10.0	
	0.1	Total Estimated Acreage		8.6	9925.4	9934.0	

Noxious Weed Survey Worksheet

Lyon County Noxious Weed Dept.

2021 

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
County											3		3
Private Other											10		10
Private Pasture											148		148
Total Acreage Infested											161		161

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City				0.0	0.0	0.0	
County	3.0			257.4	614.0	871.4	
Private CRP				0.0	0.0	0.0	
Private Non-Ag				0.0	0.0	0.0	
Private Other	10.0			858.0	0.0	858.0	
Private Pasture	148.0			12698.4	34309.4	47007.8	
Private Soybean				0.0	0.0	0.0	
State				0.0	100.0	100.0	
	161.0		Total Estimated Acreage	13813.8	35023.4	48837.2	

Annual Noxious Weed Eradication Progress Report

Lyon County Noxious Weed Dept.

Year
2021 

Estimated Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Total
Field Bindweed	8550.9	1029.6		75.0		225.0	9880.5
Johnsongrass	1557.0	955.4		154.6		105.4	2772.4
Musk Thistle	9882.7	43.4		10.0			9936.1
Sericea Lespedeza	47865.8	871.4		100.0		0.0	48837.2
Totals	67856.4	2899.9		339.6		330.4	71426.3

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	116.0	42.9	250.0	0.0		8077.0	30.0	0.0	35.0	8550.9
Johnsongrass	0.0	0.0	0.0		0.0	1450.0	0.0	0.0	107.0	1557.0
Musk Thistle			0.0			9842.7	40.0			9882.7
Sericea Lespedeza			0.0		0.0	47007.8	858.0		0.0	47865.8
Totals	116.0	42.9	250.0	0.0	0.0	66377.5	928.0	0.0	142.0	67856.4

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	\$11.76	\$9.92	4606.000 gal
Adjuvant	\$11.55	\$11.55	1018.148 gal
Blue Marker Dye	\$50.34	\$50.34	42.492 gal
Blue Marker Dye	\$18.00	\$18.00	7.000 qt
Glyphosate	\$19.27	\$16.43	645.000 gal
Imazapic	\$102.05	\$88.75	67.547 gal
Metsulfuron Methyl Dry	\$2.13	\$1.85	15400.000 oz
Picloram	\$44.61	\$38.18	857.000 gal
Triclopyr	\$49.87	\$43.35	2686.000 gal


Enforcement Summary

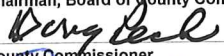
Warning Notices		Diversion Agreements		Demonstration Plots	
Legal Notices		Accounts to Tax Roll		Feed and Hay Inspection	
Court Cases		Meetings Sponsored		Publish General Notice	


Enforcement Comments:

We certify this is a correct copy of the Lyon County Noxious Weed Dept. Program for 2021

We certify that Amy Welch is employed as Lyon County Noxious Weed Dept. Director for 2022

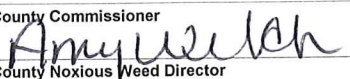

 Chairman, Board of County Commissioners
 Date 2-10-2022


 County Commissioner
 Date 3/10/22


 County Commissioner
 Date 3-10-2022

 County Commissioner
 Date _____

 County Commissioner
 Date _____


 County Noxious Weed Director
 Date 2/25/2022