Annual Noxious Weed Eradication Progress Report 2021



as required by KSA 2-1316

Shawnee County Weed Department

Tuck Leases, Skid sprayers, Equipment trailer

Noxious Weed Supervisor: John Landon

Name	Job Title	% Time Spent or Noxious Weeds	n Weed Director Salary
John Landon	Weed Director	100	
Financial Summary - Noxio	us Weed Fund		Amount
Mil levy for 2021			50.999
County valuation for 2021		\$	1,834,752,195.00
Beginning Budget Balance f	or 2021		\$297,272.37
Revenues			
Chemicals		\$220,212.39	
Equipment & Labor		\$63,636.44	
Equipment Rentals		\$11,399.42	
Total Revenue			\$295,248.25
Expenditures			
Personenel Services		\$180,120.54	
Contractual Services		\$2,915.71	
Chemical Purchases		\$187,436.60	
Vehicle Equipment & Supplie	es	\$20,104.33	
Other Commodities		\$64,440.17	
Total Expenditures			\$455,017.35
		Ending Budget Balance	\$0.00
Carryover to next year's bud	get for 2021 to 2022		\$0.00
Capital Outlay Fund			Amount
Beginning Balance			\$166,802.32
Receipts			\$97,650.00
Expenditures			\$62,324.62
		Ending Balance	\$202,127.70

Annual Noxious Weed Eradication Progress Report

Shawnee County Weed Department

7374.8

Year 2021 🏚



Estimated Acres	age of No	xious W	eeds				
Noxious Weed	Private	County	Township	State	Federal	City	Total
Field Bindweed	751.3	254.6		244.6		244.3	1494.8
Johnsongrass	1699.4	133.8		249.3			2082.5
Musk Thistle	856.7	128.6		299.6			1284,9
Sericea Lespedeza	4067.4	58.5					4125.9

Estimated Acreage of Noxious Weed on Private Land sub-section

575,5

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Olher	Fallow	Non-Ag	Total
Fleld Bindweed			122.6			62.9	565.8			751.3
Johnsongrass		478.3	605.5			239.6	376.0			1699.4
Musk Thistle						477.2	379.5			856,7
Sericea Lespedeza						2031.4	2027.7		8.3	4067.4
Tolals		478.3	728,1			2811.1	3349.0		8.3	7374.8

793.5

Weeds declared Noxious by the County:

Totals

Multiflora Rose

Bull Thistle

244.3

8988.1

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2-4 D Amine	\$20.13	\$15.70	4000.000 gal
2-4 D Choline	\$27.90	\$21.60	25.000 gal
2-4 D Choline	\$0.19	\$0.19	11623.000 oz
2-4 D Ester	\$16.80	\$13.20	95.000 gal
Aminopyralid	\$2.22	\$2.22	106.000 oz
Aminopyralid	\$71.00	\$54.75	13.000 qt
Dicamba	\$19.40	\$19.40	20.000 gal
Glyphosate	\$21.07	\$16.43	3060.000 gal
Glyphosate Dry	\$1.73	\$1.50	1717.500 oz
Imazapic	\$238.00	\$180.00	3,000 gal
Imazapic	\$0.79	\$0.79	4903.200 oz
lmazapyr + Diuron	\$9.10	\$9.10	10,000 lb
Metsulfuron Methyl Dry	\$2.84	\$2.31	8208.000 oz
Picloram	\$45.09	\$35.32	575.000 gal
Picloram	\$0.36	\$0.36	4747.000 oz
Triclopyr	\$48.33	\$37.81	1288.000 gal
Triclopyr + Fluroxypyr	\$95.00	\$72.75	4.000 gal
Triclopyr + Fluroxypyr	\$0.74	\$0.74	701.000 oz

Enforcement Summary

Warning Notices	18
Legal Notices	3
Court Cases	0

Diversion Agreements	0
Accounts to Tax Roll	0
Meetings Sponsored	1

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 2021 We certify that John Landon is employed as Shawnee County Weed Department Director for 2022

12 19	2/24/2022		
Chairman Board of County Commissioners	Date	County Commissioner	Date
6 W-10 12X	2/24/2022		
County Commissioner	Date	County Commissioner	Date
Kenny Code	2/24/2022	phylon	4/23/22
County Commissioner	Date	County Noxious Weed Director	Dafe /

Treatment Summary

Shawnee County Weed Department

Acres Treated								
Noxious Weed	Private	County	Township	State	Federal	City	City Cost Share	Total
Field Bindweed	4487.8	586.5	145.1	182.0		250.5		5651.9
Johnsongrass	2433.0	401.3	125.6	146.0		231.0		3336.9
Musk Thistle	23240.1	587.8	231.7	156.5		327.0		24543.1
Sericea Lespedeza	25647.0	707.8	22.7	25.4				26402.9
Totals	55807.9	2283.4	525.1	g 000 000		808.5		50024 ×
Acres Treated on Private Land sub-section				0				000
Noxious Weed	ı Private	Land su	ib-section					000
100000000000000000000000000000000000000	ı Private _{Wheat}	Land su	nd sub-section	Grain	CRP	Pasture	Other	Fallow
Field Bindweed	n Private Wheat	Land su	ib-section	Grain	CRP	Pasture 1835.5	Other	Fallow
Field Bindweed Johnsongrass	n Private Wheat	Land su	soybean 40.0	Grain	CRP	Pasture 1835.5	Other	Fallow
Field Bindweed Johnsongrass Musk Thistle	n Private Wheat	Land su	Soybean 40.0	Grain	CRP	Pasture 1835.5 1616.5 21312.1	Other 0.7	Fallow

Totals

40.0

49715.1

10.7

3669,2

Non-Ag 2397.1 670.1 450.0 152.0

Total 4482.8 2433.0 23240.1 25647.0 55802.9

Annual Noxious
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Progress Report

	Picloram	lmazapyr	Glyphosate	Dicamba	2-4 D Choline	2-4 D Amine or LV Ester	Approved Herbicides and Methods		Township	State	Private Pasture	Private Non-Ag	Prīvate Hay Field	Private	County	City	Acreage Treated	Field Bindweed Enforcement Warning Notice Legal Notice Court Cases Diversion Agreements
Total Acreage						(er	and Methods	Total Acreage										
40.0			40.0				January	40.0							40.0		January	January
							January February										February	February
305.5			285.5	0.0		20.0	March	305.5			80.2	65,3	10.0		50.0	100.0	March	March
1016.6	32.0		414.6		100.0	470.0	April	1016.6		10.0	408.2	418.4			100.0	80.0	April	April
627.2	41.9	1.0	380.8		33.5	170.0	May	627.2		66.9	215.1	246.7	35.0	5,0	15.0	43.5	May	Мау
1253.9			1028.9		5.0	220.0	June	1253.9			400.0	768.9	5.0		60.0	20.0	June	June
947.8			649.2		48.6	250.0	July	947.8		42.6	190.1	589.1			120.0	6.0	July	July
994.1			340.6		<u>3</u> 5	650.0	August S	994.1		62.5	366.6	268.8	200.2		95.0	1.0	August S	August September
139.7			29.7			110.0	eptember	139.7			105.0	34.7					August September	eptember
150.3			5.2		145.1		October 1	150.3	145.1			5.2					October 1	October 1
45.1			25.1			20.0	September October November December.	45.1	-		45.1						October November December	October November December
131.7			85.2		46.5		1	131.7			25.2				106.5		ecember:	ecember
5651.9	73.9	1.0	3284.8	0.0	382.2	1910.0	Totals	5651.9	145.1	182.0	1835.5	2397.1	250.2	5.0	586.5	250.5	Totals	Totals 0 0

Shawnee County Weed Department

3336.9	279.3	120.0	125.6	420.7	611.7	823.0	275.0	55.8	565.1	40.7	Ö	20.0	Total Acreage
441.0	54.3		85.6	45.7	101.7	143.0				10.7			lmazapic
2895.9	225.0	120.0	40.0	375.0	510.0	680.0	275.0	55.8	565.1	30.0	O	20.0	Glyphosate
Totals		September October November December.	October 1	september :	August S	July	June	May	April	March	January February	January	Approved Herbicides and Methods
3336.9	279.3	120.0	125.6	420.7	611.7	823.0	275.0	55.8	565.1	40.7	0	20.0	Total Acreage
125.6			85.6		10.0	10.0			20.0				Township
146.0					21.0	75.0	30.0				0	20.0	State
40.0					40.0								Private Soybean
1616.5	185.0	80.0	10.0	210.7	225.7	230.0	170.0	40.0	445.1	20.0			Private Pasture
0.7								0.7					Private Other
670.1			30.0	175.0	155.0	225.0	40.0	15.1	25.0	5.0			Private Non-Ag
105.7					35.0		10.0		45.0	15.7			Private Hay Field
401.3	94.3	40.0		4.0	66.0	162.0	15.0		20.0				County
231.0				31.0	59.0	121.0	10.0		10.0				City
Totals	cember	October November December	October 1	August September	August S	July	June	May	April	March	January February	Januar	Acreage Treated
2021 X er: Totals 1 0 0	202 scember:	2 October November December	October 1	August September	August S	July 1	June	May	April	March	y February	January	Johnsongrass Enforcement Warning Notice Legal Notice Court Cases Diversion Agreements

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	Picloram	Metsulfu	Aminopyralid	2-4 D Choline	2-4 D An	Approved		Township	State	Private Pasture	Private Other	Private Non-Ag	Private Hay Field	County	City	Acreage Treated	Diversion	Court Cases	Legal Notice	Warning Notice	Enforcement	Musk Thistle
Total Acreage		Metsulfuron methyl	ralid	oline	2-4 D Amine or LV Ester	Approved Herbicides and Methods	Total Acreage			asture	ther	lon-Ag	lay Field			Treated	Diversion Agreements	ses	tice	Notice	lent	histle
						January										January					January	
26.0		16.0			10.0	February	26.0			26.0						January February					February	
1392.0	752.0	160.0			480.0	March	1392.0	10.0		506.0		70.0	606.0		200.0	March					March	
2759.0	464.0		5.0	10.0	2280.0	April	2759.0	40.0		2529.0		20.0	170.0			April					April	
5651.5	2554.0		4.0	33.5	3060.0	May	5651.5		61.9	5006.1		50.0	440.0	0.08	13.5	May					May	
4786.3	806.3	80.0			3900.0	June	4786.3			4460.0		150.0	100.0	76.3		June				C n	June	
3097.1	1098.1	5.0	4.0		1990.0	July	3097.1		50.6	2923.0		100.0		16.0	7.5	July					July	
2379.5	1221.5		78.0		1080.0	August S	2379.5		3.5	2174.0	10.0	40.0	40.0	6.0	106.0	August S					August September	
2435.5	1428.0			47.5	960.0	eptember	2435.5		40,5	2320.0				75.0		eptember					eptember	
1303.7	1013.7				290.0	October 1	1303.7	181.7		846.0		20.0	112.0	144.0		October 1					October 1	
260.0					260.0	September October November December.	260.0			260.0						September October November December.					October November December:	
452.5	382.5				70.0		452.5			262.0				190.5		cember:					cember:	Ì
24543.1	9720.1	261.0	91.0	91.0	14380.0	Totals	24543.1	231.7	156.5	21312.1	10.0	450.0	1468.0	587.8	327.0	Totals	0	0	3	۲n	Totals	

2021	
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	Triclopyr + Fluroxypyr	Triclopyr	Metsulfuron methyl	Approved Herbicides and Methods		Township	State	Private Pasture	Private Non-Ag	Private Hay Field	County	Acreage Treated	Diversion Agreements	Court Cases	Legal Notice	Warning Notice	Enforcement	Sericea Lespedeza
Total Acreage	УГ			s and Methods	Total Acreage								its					leza
				January								January					January	
8.0		8.0		February	8.0					8.0		January February					January February	
99.0		80.0	19.0	March	99.0			75.0		24.0		March					March	
640.0	0.0	528.0	112.0	April	640.0		24.0	608.0		8.0	0.0	April					April	
3292.0		1176.0	2116.0	May	3292.0			3052.0		240.0		May					May	
4582.0	6.0	2336.0	2240.0	June	4582.0			4392.0	48.0	104.0	38.0	June				N	June	
4857.3	1.3	2792.0	2064.0	July	4857.3		1.3	4472.0	80.0		304.0	July			_	ത	July	
5000.1	0.1	2872.0	2128.0	August S	5000.1		0.1	4672.0	24.0	144.0	160.0	August S				4	August S	
5828.0	4.0	512.0	5312.0	eptember	5828.0			5824.0			4.0	September			_		August September	
2054.7	22.7		2032.0	October	5828.0 2054.7	22.7		1824.0		16.0	192.0	October					October	
41.8	9.8		32.0	September October November December:	41.8			32.0			9.8	October November December:					October November December:	
26402.9	43.9	10304.0	16055.0	Totals	26402.9	22.7	25.4	24951.0	152.0	544.0	707.8	Totals	0	0	2	12	Totals	

Noxious Weed Survey Worksheet

Shawnee County Weed Department

		1494.8	90.1	1404.7	Total Estimated Acerage	Total Es	24.0	
		244.6	10.5	234.1			4.0	State
		122.6	5.5	117.1		L	2.0	Private Soybean
		362.9	11.7	351.2	·	· · · · · ·	6.0	Private Residential Area
		62.9	4.4	58.5	r		1.0	Private Pasture
		144.4	27.3	117.1	1	!	2.0	Private Other
		58.5	0.0	58.5	1		1.0	Private Hay Field
		254.6	20.5	234.1	<u> </u>	•	4.0	County
		244.3	10.2	234.1	·		4.0	City
		Adjustment	Adjustment	Acreage	355840	6080	Infested	
	Note	Acreage After	Weed Director's	Estimated	County Acres	Acres Surveyed	Total Acreage	
24		7	17					Total Acreage Infested
4			4					State
23		2						Private Soybean
တ			Ó٦					Private Residential Area
								Private Pasture
2		N						Private Other
								Private Hay Field
4		22	2					County
4			4					City
Totals	October November December:	August September	June July	May	April	ruary March	January February	Field Bindweed
								1

Noxious Weed Survey Worksheet Shawnee County Weed Department

Private Soybean	Private Pasture	Private Other	Private Corn	County	Johnsongrass
					January February
					February
					March
					April
					May
					June
ယ	2		7	_	July ,
7	Ю	ĊΊ			August September
					i
					October November December:
10	4	Οι	œ	2	Totals

		2082.5	92.6	1989.9	Total Estimated Acerage	Total	34.0	
		249.3	15.2	234.1			4.0	State
		58.5	0.0	58.5			1.0	Private Wooded Area
		605.5	20.2	585.3	g	1	10.0	Private Soybean
		12.2	12.2	0.0	•			Private Residential Area
		239.6	5.5	234.1	···	<u> </u>	4.0	Private Pasture
		305.3	12.7	292.6		L	5.0	Private Other
		478.3	10.1	468.2	,	L	8.0	Private Corn
		133.8	16.7	117.1	·	I	2.0	County
(D	Note	Acreage After Adjustment	Weed Director's Adjustment	Estimated Acreage	255840	Acres Surveyed 6080	Total Acreage Infested	
34		16	18					Total Acreage Infested
4			4					State
								Private Wooded Area
10		7	ω					Private Soybean
4		N	2					Private Pasture
Ο'n		СП						Private Other

Noxious Weed Survey Worksheet Shawnee County Weed Department

2021 食

Musk Thistle January February March April May June July August September October November December. County Private Hay Field 4 1 2 Private Other 4 4 4 4 Private Pasture Total Acreage Acreage County Acress Estimated Meed Director's Acreage After Adjustment Acreage After Adjustment Note County 2.0 355840 Acreage Acreage Acreage Acreage Adjustment Note Private Hay Field 2.0 355840 117.1 11.5 128.6 Private Pasture 2.0 355840 Acreage Acreage Acreage After Adjustment Note Private Hay Field 2.0 355840 117.1 11.5 128.6 Note Private Posture 3.0 355840 355840 40]ustment Acreage After Adjustment Note Private Hay Field 3.0 3.0 477.2 250.3 3.0 477.2 Private Pasture		1284.9	55.8	1229.1	Total Estimated Acerage	Total Es	21.0	
Chistle January February March April May June July August September y e Hay Field 1 1 1 1 1 1 1 1 1 2 2 4		299.6	7.0	292.6		:	5.0	State
Thistle January February March April May June July August September y e Hay Field 1 1 1 1 1 1 1 1 1 1 2 2 4		477.2	9.0	468.2			8.0	Private Pasture
Chlistle January February March April May June July August September y e Hay Field 1 1 1 1 1 1 1 1 2 4 4 4 4 4 4 4 4 4 4 7 1 7 1 7 14 5 5 5 5 5 5 5 5 5 7 14 5 1 4 </td <td></td> <td>250.3</td> <td>16.2</td> <td>234.1</td> <td>r</td> <td></td> <td>4.0</td> <td>Private Other</td>		250.3	16.2	234.1	r		4.0	Private Other
Chlistle January February March April May June July August September y e Hay Field 1 1 1 1 2 4 4 4 4 4 4 7 1 7 1 7 1 7 14 7 14 7 14 7 14 1 1 7 14 1		129.2	12.1	117.1		,	2.0	Private Hay Field
Chlistle January February March April May June July August September y 1 1 1 1 2 4 4 4 4 4 4 4 7 1 7 1 7 1 7 1 7 14 7 1 7 14 5 1 7 14 4 4 4 4 4 4 4 4 4 4 4 4 4 7 1 4 4 4 4		128.6	11.5	117.1			2.0	County
Chistle January February March April May June July August September 1 1 1 2 e Hay Field e Pasture Pasture Total Acreage Infested Total Acreage Acres Surveyed County Acres Estimated Weed Director's Acreage After		Adjustment	Adjustment	Acreage	355840	6080	Infested	
Chistle January February March April May June July August September y 1 1 1 1 2 2 2 4 4 4 4 4 7 1 7 14 14 <td>Note</td> <td>Acreage After</td> <td>Weed Director's</td> <td>Estimated</td> <td>County Acres</td> <td>Acres Surveyed</td> <td>Total Acreage</td> <td></td>	Note	Acreage After	Weed Director's	Estimated	County Acres	Acres Surveyed	Total Acreage	
CThistle January February March April May June July August September y 1 1 1 1 e Hay Field 2 4 4 e Other 1 7 e Pasture 5 5		14	7					Total Acreage Infested
Thistle January February March April May June July August September 1 1 2 Other Pasture		, 	ហ					State
Thistle January February March April May June July August September 1 1 2 Other		7						Private Pasture
Thistle January February March April May June July August September 1 1 1 Hay Field		4						Private Other
Thistle January February March April May June July August September		8						Private Hay Field
January February March April May June July August September			_					County
	October November December:	August September			April		January Feb	Musk Thistle

Noxious Weed Survey Worksheet
Shawnee County Weed Department

Total Acreage Infested					January February
					Fe
					bruary
					March
					April
					May
					June
33	วิง	14	ത	_	July
35	7	19	 1		August September
					October November December:
- BB	1 2	33	 17		Totals

	lotal Acreage Infested	Acres Surveyed County Acres 6080 355840	ounty Acres 355840	Acreage	Weed Director's Adjustment	Acreage After Adjustment	Zoote e
County	1.0			58.5	0.0	58.5	
Private Hay Field	17.0			994.9	14.3	1009.2	
Private Non-Ag				0.0	8.3	8.3	
Private Other	1.0			58.5	2.3	60.8	
Private Pasture	33.0			1931.4	100.0	2031.4	
Private Residential Area	2.0			117.1	2.1	119.2	
Private Wooded Area	14.0			819.4	19.1	838.5	
	68.0	Total Estima	Total Estimated Acerage	3979.8	146.1	4125.9	