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



Logan County Noxious Weed Dept.

Noxious Weed Supervisor:

Denny Mackley

Noxious Weed Departmen	t Personnel		
Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
Denny Mackley	supervisor	100	
Dayna Mackley	sprayer	50	

Financial Summary - Noxious Weed Fund		Amount
Mil levy for 2021		0.294
County valuation for 2021		\$65,718,530.00
Beginning Budget Balance for 2021	•	\$197,400.00
Revenues		+ No. 1 100.00
Ad Valorem Tax	\$19,329.00	
Chemical Sale	\$182,572.35	
Other Receipts	\$270.61	
Total Revenue		\$202,171.96
Expenditures		
Capital Outlay	\$5,000.00	
Commodities	\$14,925.78	
Commodities - Chemical	\$149,139.08	
Contractual	\$12,345.55	
Personnel Services	\$52,307.36	
Total Expenditures	\$-1-1007.00	\$233,717.77
	Ending Budget Balance	\$0.00
Carryover to next year's budget for 2021 to 2022		\$0.00
Capital Outlay Fund		Amount
Beginning Balance		
Receipts		\$106,390.83
Expenditures		\$0.00
•	Ending Balance	\$0.00
	Ending Balance	\$106,390.83

Annual Noxious Weed Eradication Progress Report

Logan County Noxious Weed Dept.

Year



Estimated Acreage	of	Noxious	Weeds
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Noxious Weed		Private	County	Township	State	Federal	City	Total
Bur Ragweed		1620.0						1620.0
Canada Thistle		100.0						100.0
Field Bindweed		3564.0		216.0				3780.0
Musk Thistle		700.0						700.0
	Totals	5984.0	The second secon	216.0		**************************************		6200.0

Estimated Acreage of Noxious Weed on Private Land sub-section

Noxious Weed		Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Aa	Total
Bur Ragweed			1620.0	···		W//		011101	1 anow	14011-AG	Total
Canada Thistle											1620.0
Field Bindweed		201.0						100.0			100.0
200		324.0	2160.0		1080.0		0.0		0.0	0.0	3564.0
Musk Thistle			The second second second second				700.0				700.0
	Totals	324.0	3780.0		1080.0	· · · · ·	700,0	100.0	0.0	0.0	5984.0

Weeds declared Noxious by the County:

Multiflora Rose

Bull Thistle

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2,4,-D Amine Dimethyaminesalt	\$11.50		
2,4-Dichlorophenoxyacetic acid	\$18.39		76.220 gal
2-4-Dichlorphenoxyocetic acid, isooctyl ester	\$16.30		78.750 gal
3,6-Dichloromethoxybenzoic acid	\$54.00		167.660 gai
3,7-dichloro-8-quinolinecarboxlic acid	\$168.00		15.000 gal
Alkyl Aryl Polyalkoxylatrd Glycols	\$11.75		80.000 gal
Aminated phosphoric and carboxylic acids	\$26.00		4.750 gal
Ammonium Sulfate	\$26.00 \$18.50		13.500 gal
Beta-hydrxy			5.750 gal
DICAMBA	\$18.00		50.510 gal
FLUROXYPYR	\$31.00		172.660 gal
GLYPHOSATE	\$57.00		23.910 gal
Imazapic	\$15.00		155.000 gal
그는 가는 형 집에 나는 사람들이 되었다.	\$94.00		47.520 gal
Methylated Seed Oil	\$25.50		23.400 gal
METSULFURON METHYL	\$2,15		255.500 Oz.
Monosodium acid	\$30.00		6.000 gal
PICLORAM	\$39.00		1378.800 gal
Promenton 2,4-bis(isopropylamino)6-methoxy-s-trioz	\$46.00		1.000 gal
Proprietary Polyvinyl Polymer Emulsion	\$1.19		32,000 Oz.
surfactant	\$18.00		1.250 gal
Triisopropanolammonium salt	\$43.50		280.500 gal

Enforcement Summary

Warning Notices	0
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	1

We certify this is a correct copy of the Logan County Noxious Weed Dept. Program for 2021 We certify that Denny Mackley is employed as Logan County Noxious Weed Dept. Director for 2022

	2-7-22		
Chairman, Soard of County Commissioners	Date	County Commissioner	Date
A Comment of the Comm	2-7-21		
County Commissioner	Date	County Commissioner	Date
		(In Mark)	2/7/2022
County Commissioner	Date	County Noxious Weed Director	Date

Logan County Noxious Weed Dept.

Acres Treated

	Musk Thistle	Field Bindweed	Canada Thistle	Noxious Weed
Totals				
20151.5	1756.1	18380.7	14.7	Private
20		20		County
1726.9		1726.9		/ Township
56		56		State
				Federal
A PARTY OF THE PAR				City
The state of the s				City Cost Share
21954.4	1756.1	20183.6	14.7	Total

2021

Callada i lliono		1	• • • • • • • • • • • • • • • • • • • •	>		-			•		1
Enforcement Warning Notice	January	January February	March	April	May	June	July	August September	October	October November December:	
Legal Notice											
Court Cases					£					•	
Diversion Agreements		and deliberate for a second se	the second secon			novement data des sa refere personal processor	A DOLLAR OF THE PARTY OF THE PA				
Acreage Treated	January	January February	March	April	May	June	July	August September	October	October November December:	
Private Pasture						6.7	8.0				
Total Acreage						6.7	8.0				
Approved Herbicides and Methods	January	January February	March	April	May	June	July	August September	October	August September October November December:	Totals
Grazon Next HL						2.7	English (IRE (IV) (IV) (IV) (IV) (IV)	AND TO THE PROPERTY OF THE PRO	***************************************	ад устудуунуу алдагы кайдаган калануу андан күүндөгөө кананалдага октоон октоон	
TORDON						4.0	8.0				
Total Acreage						6.7	80				

Field Bindweed

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Total Acreage	TORDON	ROUNDUP	OrinStar	PI ATEAU	LV6	Freelovy	DICAMBA	Approved Herbicides and Methods January	Total Acreage	IOWNSAID	T Clare	Pilvate Ciler	Filvate Not-Ag	Private Fallow	County	e Treated	Diversion Agreements	Court Cases	Legal Notice	Warning Notice	Enforcement Januar
	The state of the s							February								January February	***************************************				January February
								March								March					March
440.0	1 to hook the same stated and the same stated as			160.0	120.0	0.020	3000	April	440.0	**************************************				440.0		April					April
7976.1	7016.0					900.1	200	Мау	7976.1					7976.1		May				,	May
2911.1	2262.3		384.0		а Э	08.8	16.0	June	2911.1	786.9		404.0	20.0	1680.2	20.0	June	***************************************				June
3860.2	2180.1	1280.1		240.0	160.0) } }		July	3860.2					3860.2		July	7.7. FT - 1.4.1 Proposition of the state o			,	Vluľy
2529.3	309.2	300		80.0	3	800.1	99.9	August S	2529.3	433.1	56.0	80.0		1960.2	,	August S				(August S
1600.0	1600.0							eptember	1600.0					1600.0		August September					August September
191.5			191.5					October	191.5	191.5					-	October	The same same same same same same same sam				October
675.4	360.0		315,4					August September October November December:	675.4	315.4				360.0	The state of the s	October November December:					October November December
20183.6	1240.1 13727.6	1280.1	890.9	520.0	160.0	2249.0	115.9	Totals	20183.6	1726.9	56.0	484.0	20.0	17876.7	20.0	Totals	0	D (5 (0 5	Totale

2021

May June July August September October November December Totals 3.0 3.0 3.0 168.1 583.3 810.7 21.0 1753.1 168.1 586.3 810.7 21.0 1756.1 1ay June July August September October November December Totals 53.4 437.3 810.7 21.0 1492.4 66.7 66.7 66.7 107.0 107.0	16 16 April May 5. 60	·	Febr	January	Total Acreage Approved Herbicides and Methods Grazon Next HL LV6 TORDON
lay June July August September October November December: 3.0 8.1 583.3 810.7 21.0 8.1 586.3 810.7 21.0 8.1 June July August September October November December: To 3.4 437.3 810.7 21.0	Ma		i 1		oved Herbicides and on Next HL
lay June July August September October November December: 3.0 8.1 583.3 810.7 21.0 8.1 586.3 810.7 21.0 3.4 June July August September October November December: To	Me		1 1		oved Herbicides and on Next HL
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lay June July August September October November December: 3.0 8.1 583.3 810.7 21.0 8.1 586.3 810.7 21.0 June July August September October November December: To	Me		1 1	1	Total Acreag
June July August September October November December: 3.0 583.3 810.7 21.0			170.0	Ö.	Total Acreag
June July August September October November December: 3.0 583.3 810.7 21.0	***************************************				
June July August September October November December:			170.0		Private Pasture
June July August September October November December:					Private Non-Ag
	April	March	January February	Janua	Acreage Treated
	The state of the s	A 1941 11-11-11-11-11-11-11-11-11-11-11-11-11		Amagement and an artist are a second and a s	Diversion Agreements
					Court Cases
					Legal Notice
4			,		Warning Notice
	April	March	January February	Janua	Enforcement

Logan County Noxious Weed Dept.

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Year

2021

Noxious Weed Survey Data Collection

Start Date

End Date

Survey#	Date	Surveyor	Field#	Lanal Dinassini	tion	1ection 01/01	/21 12/31/2
194	10/4/2021	Denny Mackley	Lieiaff	Legal Descript 23-13-34	uvn		
				Acreage	Acreage	Weed	Acreage
Location		Land Ownership		Surveyed	Infested		Infested
All		County Other		2.5			
All		Township Other		2.5	2	Field Bindweed	2
All		Private Pasture		635			
		Total Acre	age Surveye	d 640	2	And the second s	
Survey#	Date	Surveyor	Field#	Legal Descript	tion		
195	10/4/2021	Denny Mackley		27-12-37			
Lagation		ballot South and		Acreage Surveyed	Acreage	Weed	Acreage
Location North 1/2		Land Ownership State Other		5	Infested		Infested
North 1/2		Private Grain Sorghum					· · · · · · · · · · · · · · · · · · ·
North 1/2		Private Com		100	10.	Field Bindweed	10
<u></u>	····		-	100	*		
North 1/2		Private Pasture		115			
South 1/2		Private Grain Sorghum		150			
South 1/2		Private Pasture		170			
		Total Acre	age Surveye	d 640	10		
Survey#	Date	Surveyor	Field#	Legal Descript	ion		
196	10/20/2021	Denny Mackley		25-11-34			
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
NW 1/4		Private Corn		160			micolog
NE 1/4		Private Pasture		160			- Andrewson and
SW 1/4		Private Pasture		160			
SE 1/4		Private Pasture		160		· · · · · · · · · · · · · · · · · · ·	
Survey#	Date	Surveyor	age Surveyer Field#	d 640 Legal Descripti	lan		
197	10/20/2021	Denny Mackley	i iciam	19-14-37	IOH		
				Acreage	Acreage	Weed	Acreage
Location		Land Ownership		Surveyed	Infested		Infested
All		Private Pasture		640			
_			ige Surveyed	640		4.44	
Survey#	Date	Surveyor	Field#	Legal Descripti	on		
198	10/25/2021	Denny Mackley		11-11-36	_		
ocation		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
North 1/2		Private Corn		320	15	Bur Ragweed	miesteu 15
South 1/2	-	Private Non-Ag		320	10	-ai traducea	I D
Survey#	Date	Surveyor	ge Surveyed Field#	l 640 Legal Description	15 on		
199	10/25/2021	Denny Mackley	i icium	25-15-32	OII		
7 	:	=,adigoy		Acreage	Acreage	Weed	Acreage
ocation		Land Ownership		Surveyed	Infested		Infested
MI.		Private Pasture		640			

Logan County Noxious Weed Dept.

LG

Year

2021

Noxious Weed Survey Data Collection

Start Date

End Date

		HONIOUS	***	d Survey	Data Cui	1ection 01/01/	/21 12/31/2 [.]
Survey# 200	Date 11/2/2021	Denny Mackley	eld#	Legal Descript 26-11-33 Acreage	Acreage	Weed	Acreage
Location		Land Ownership		Surveyed	Infested		infested
SE 1/4		Private Corn		160			
NE 1/4		Private Grain Sorghum		160			
NW 1/4		Private Wheat		160			
SW 1/4		Private Fallow		160			
	,	Total Acreage Sur	rveyed	640	**************************************		
Survey#	Date	Surveyor Fie	ld#	Legal Descript	ion		
201	11/3/2021	Denny Mackley		11-11-34			
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
North 1/2		Private Fallow		320			
South 1/2		Private Wheat	-	300	······································		
SW 1/4		Private Non-Ag		20			
		Total Acreage Sur	veyed	640	······································		
Survey#	Date	Surveyor Fiel	ld#	Legal Descript	ion		
202	11/16/2021	Denny Mackley		2-12-35			
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
W1/2		Private Corn		320	5	Field Bindweed	5
East 1/2		Private Corn		320	15	Field Bindweed	15
		Total Acreage Surv	veyed	640	20		
Survey#	Date	Surveyor Fiel	d#	Legal Descripti	on		
203	11/17/2021	Denny Mackley		5-11-35			
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
NW 1/4		Private Wheat		160	3	Field Bindweed	3
SW 1/4		Private Corn		160			
East 1/2		Private Wheat		320			
	······································	Total Acreage Surv	veyed	640	3	· · · · · · · · · · · · · · · · · · ·	
		Total Acreage Surv	veyed	6400	50		