

Annual Noxious Weed Eradication Progress Report 2021

as required by KSA 2-1316



Seward County Noxious Weed Dept

Noxious Weed Supervisor:

JOHN GARINGER

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MAR 14 2022

Plant Protection

Noxious Weed Department Personnel

Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
John Garinger	Supervisor	100	[REDACTED]
Cindy Stewart	Secretary	30	[REDACTED]

Financial Summary - Noxious Weed Fund

	Amount
Mil levy for 2021	47.604
County valuation for 2021	\$247,029,956.00
Beginning Budget Balance for 2021	\$157,397.00
Revenues	
Chemical Sale	\$85,659.00
Equipment & Labor	\$6,490.00
County appropriations (Tax funds & others)	\$78,902.00
Total Revenue	\$171,051.00
Expenditures	
Commodities	\$13,544.00
Chemical Purchases	\$94,975.00
Personal Administrative	\$62,532.00
Total Expenditures	\$171,051.00
Ending Budget Balance	\$0.00
Carryover to next year's budget for 2021 to 2022	\$0.00

Capital Outlay Fund

	Amount
Beginning Balance	\$9,935.00
Receipts	\$0.00
Expenditures	\$0.00
Ending Balance	\$9,935.00

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Year
2021 

Estimated Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Total
Bur Ragweed	0.0	60.0					60.0
Field Bindweed	33460.8	35.0		35.0	115.0	325.0	33970.8
Johnsongrass	2330.7	26.0			17.0	50.0	2433.7
Musk Thistle	49.9	2.0		3.0	0.0	6.0	60.9
Totals	35841.4	123.0		38.0	132.0	381.0	36525.4

Estimated Acreage of Noxious Weed on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Bur Ragweed	0.0	0.0			0.0	0.0	0.0	0.0		0.0
Field Bindweed	1286.3	245.0	210.0		541.7	30.0	4597.8	26550.0		33460.8
Johnsongrass	191.7	1621.0	14.0		280.0	5.0	59.0	160.0		2330.7
Musk Thistle	4.0				43.9			2.0		49.9
Totals	1482.0	1866.0	224.0		865.6	35.0	4656.8	26712.0		35841.4

Weeds declared Noxious by the County: Multiflora Rose Bull Thistle

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2,4-D	\$14.92	\$11.19	42.500 gal
2,4-D LV6	\$14.92	\$11.19	142.500 gal
Bromacil	\$8.29	\$6.22	96.000 lb
Bromacil-Diuron	\$10.20	\$7.65	192.000 lbs
Bromicil+Diuron	\$8.47	\$6.35	12.000 lbs
Dimethylamine	\$25.45	\$19.09	30.000 gal
Dimethylethyl	\$17.69	\$13.27	36.000 lb
Dimethylethyl	\$21.35	\$16.01	96.000 lbs
Diuron	\$17.00	\$12.75	5.000 gal
Flumioxazin	\$38.24	\$28.68	18.000 lbs
Fluroxypyr	\$129.60	\$97.20	46.500 gal
Glyphosate	\$16.89	\$12.67	725.500 gal
Imazapic	\$90.83	\$68.13	59.000 gal
Malathion	\$29.14	\$29.14	2.500 gal
METSULFURON METHYL	\$5.79	\$4.35	24.000 oz
Metsulfuron Methyl Dry	\$2.13	\$1.60	64.000 oz
Picloram	\$37.79	\$28.34	670.500 gal
Sulfometuron	\$28.64	\$21.48	4.000 lbs
Sulfometuron Dry	\$37.52	\$28.14	13.500 lbs
Triclopyr	\$63.00	\$47.25	1.000 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

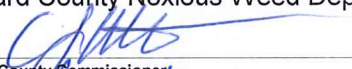
Enforcement Comments:

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

We certify that JOHN GARINGER is employed as Seward County Noxious Weed Dept Director for 2022



 Chairman, Board of County Commissioners Date



 County Commissioner Date 3-7-22



 County Commissioner Date



 County Commissioner Date 3-7-22



 County Noxious Weed Director Date 3-8-22

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Treatment Summary

Seward County Noxious Weed Dept

Acres Treated

Noxious Weed	Private	County	Township	State	Federal	City	Cost Share	Total
Bindweed-Johnson	90.5	502		45.2				637.7
Bindweed-MuskThistle		120.2		0.2				120.4
Bindweed-Ragweed		135.1		15				150.1
Bur Ragweed		60						60
Field Bindweed	17000.1	1955.8		45				19000.9
Johnsongrass		283.7		15.1				298.8
Musk Thistle	4.6	17.1						21.7
Totals	17095.2	3073.9		120.5				20289.6

Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Bindweed-Johnson						90.5				90.5
Field Bindweed						1715.7	1688.5	13445.7		16849.9
Musk Thistle						4.6				4.6
Totals						1810.8	1688.5	13445.7		16945

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Bur Ragweed


	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 County	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
													60.0
Total Acreage													60.0

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
TORDON + 2-4 D													60.0
Total Acreage													60.0

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Bindweed-MuskThistle

	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													Totals
County					120.2								120.2
State					0.2								0.2
Total Acreage					120.4								120.4
Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Tordon 22K+2,4-D LV 6+Mad Dog					120.2								120.2
Vista XRT+Tordon 22K+Panoramac					0.2								0.2
Total Acreage					120.4								120.4

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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													Totals
County			45.0	122.6	150.2	466.0	376.5	45.0	30.0		780.5	45.1	1910.7
Private													150.2
Private Fallow			210.3					10752.5	37.6		1600.1		13445.7
Private Other				333.3	75.1			1280.1					1688.5
Private Pasture				0.0	1066.8	8.9	320.0	0.0		320.0			1715.7
State					15.0						30.0		45.0
Total Acreage			255.3	455.9	1307.1	474.9	696.5	12077.6	67.6	1165.2	2410.6	45.1	18955.8

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Field Bindweed

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
2,4-D LV 6#			210.3										210.3
2,4-D LV 6#+Remedy+Ranger Pro				30.0									30.0
2,4-D LV 6#+Vista XRT						45.1							45.1
2-4 D						45.1							45.1
Dicamba+Mad Dog				320.0									320.0
Diuron 4L+Tordon 22K												75.0	75.0
Initiator Plus								15.0					15.0
Intimidator Plus								0.0					0.0
Mad Dog				13.3	1066.8	376.5	696.5						2153.1
Panoramic 2SL+Tordon 22K								30.0					30.0
Payload WDG				0.0									0.0
Ranger Pro					75.1								75.1
Ranger Pro + Vessel			15.0										15.0
Tebuthiuron+Krovar+MadDog+Vista+O						8.9							8.9
Tordon 22 K+Initiator Plus					150.2			6912.3					7232.3
TORDON 22K								5120.3					8421.3
Tordon 22K + 24 D LV 6#				92.6		44.4							175.3
Tordon 22K+2,4-D LV 6#+Vista XRT													74.4
Tordon 22K+Vista XRT+Oust XP													30.0
Vista XRT+Tordon 22K+2,4 D LV6					15.0								15.0
Vista XRT+tordon 22K+2,4D LV+Rang			30.0										30.0
Total Acreage	255.3	455.9	1307.1	520.0	696.5	12077.6	67.6	1165.2	2410.6	45.1	19000.9		

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Bindweed-Johnson

	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

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Acreage Treated													
County						133.8	368.2						502.0
Private Pasture							22.9	67.6					90.5
State					15.1	15.0	15.1						45.2
Total Acreage					15.1	148.8	406.2	67.6					637.7

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Imazapic_Glyphosate						133.8	165.1						298.9
Imazapic+Picloram						15.0							15.0
Krovax IDF+Tebuthiuron+Vista XRT+M							22.9						22.9
Krovax IDF+Tebuthiuron+Vista XRT+O								67.6					67.6
Mad Dog+Malathion+Vista XRT							188.2						188.2
Panoramc 2SL+Mad Dog+Vista XRT							30.0						30.0
Panoramc 2SL+Tordon 22K					15.1								15.1
Total Acreage					15.1	148.8	406.2	67.6					637.7

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Bindweed-Ragweed

	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
County								45.1				90.0	135.1
State								15.0					15.0
Total Acreage								60.1				90.0	150.1

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Pictoran+2 4 D												90.0	90.0
TORDON 22K								15.0					15.0
Tordon 22K+Vista XRT								45.1					45.1
Total Acreage								60.1				90.0	150.1

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Johnsongrass

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Enforcement													
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
County						118.3	90.3	60.1	15.0				283.7
State								15.1					15.1
Total Acreage						118.3	90.3	75.2	15.0				298.8

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Imitator Plus								60.1					60.1
Imitator Plus+Ranger Pro									15.0				15.0
Mad Dog						60.1							60.1
panoramc 2SL+Imitator Plus								15.1					15.1
Panoramc 2SL+Mad dog						58.2	90.3						148.5
Total Acreage						118.3	90.3	75.2	15.0				298.8

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Musk Thistle

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

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Acreage Treated													
County						17.1							17.1
Private Pasture					0.6	4.0							4.6
Total Acreage					0.6	21.1							21.7

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Approved Herbicides and Methods													
ESCORT					0.6								0.6
Metsulfuron Methyl+Imazapic						17.1							17.1
Vista XRT						4.0							4.0
Total Acreage					0.6	21.1							21.7

Noxious Weed Survey Worksheet

Seward County Noxious Weed Dept

2021 

Field Bindweed	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private CRP	3												3
Private Fallow	23		2										25
Private Other	2												2
Private Wheat	15	2											17
Total Acreage Infested	43	2	2	2									47

City	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
County				0.0	325.0	325.0	
Federal				0.0	35.0	35.0	
Private Corn				0.0	115.0	115.0	
Private CRP	3.0			0.0	245.0	245.0	
Private Fallow	25.0			191.7	350.0	541.7	
Private Millo				1597.5	24952.5	26550.0	
Private Other	2.0			0.0	450.0	450.0	
Private Pasture				127.8	4020.0	4147.8	
Private Soybean				0.0	30.0	30.0	
Private Wheat	17.0			0.0	210.0	210.0	
State	47.0			1086.3	200.0	1286.3	
Total	47.0	Total Estimated Acreage		3003.3	30967.5	33970.8	

Noxious Weed Survey Worksheet

Seward County Noxious Weed Dept

2021 ★

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Johnsongrass													3
Private Wheat			3										3
Total Acreage Infested			3										3

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
191.7		6400	408960	0.0	10.0	10.0	
City				0.0	50.0	50.0	
County				0.0	26.0	26.0	
Federal				0.0	17.0	17.0	
Private Corn				0.0	1621.0	1621.0	
Private CRP				0.0	280.0	280.0	
Private Fallow				0.0	160.0	160.0	
Private Millo				0.0	59.0	59.0	
Private Other				0.0	0.0	0.0	
Private Pasture				0.0	5.0	5.0	
Private Soybean	3.0			0.0	14.0	14.0	
Private Wheat	3.0			191.7	0.0	191.7	
Total Acreage Infested	3.0	Total Surveyed	Total Estimated Acreage	191.7	2242.0	2433.7	

Noxious Weed Survey Worksheet

Seward County Noxious Weed Dept

2021 

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Musk Thistle													1
Private CRP	1												1
Private Fallow	2												2
Private Wheat	2												2
Total Acreage Infested	5												5

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City		6400	408960	0.0	6.0	6.0	
County				0.0	2.0	2.0	
Federal				0.0	0.0	0.0	
Private CRP	1.0			63.9	-20.0	43.9	
Private Fallow	2.0			127.8	-125.8	2.0	
Private Wheat	2.0			127.8	-123.8	4.0	
State				0.0	3.0	3.0	
Total	5.0	Total Surveyed	Total Estimated Acreage	319.5	-258.6	60.9	