

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT 2022;
as required by KSA 2-1316.

County: Cowley County
Noxious Weed Supervisor's Name: Eric Neal

Instructions: Complete and sign form. Submit a copy to Kansas Department of Agriculture by **March 15, 2022**.

NOXIOUS WEED DEPARTMENT PERSONNEL

Name	Job Title	% Time Spent on Noxious Weeds
Eric Neal	Noxious Weed Coordinator	100%

Monthly salary of the Noxious Weed Director beginning January 1, 2022 \$ [REDACTED]

FINANCIAL SUMMARY

BUDGET

Budget for 2021	158,250.00
Mil levy for 2021	37,432
County valuation for 2021	306,424,260

EXPENDITURES

Personnel services	50,246.89
Contractual services	10,900
Commodities	
Chemical purchases	46,544.49
Other commodities	10,012.96
Total Commodities	56,557.45
Capital outlay	3,205.46
TOTAL EXPENDITURES	120,909.80

REVENUE

Budgeted carryover (2020 to 2021)	28,156.13
County appropriation (Tax funds & others)	61647.06
Current reimbursements	
Chemical	
Equipment & Labor	
Other	
Total reimbursements	
Old accounts collected	
TOTAL REVENUE.....	89803.19
Carryover to next year's budget (2021 to 2022)	37,340.20

CAPITAL OUTLAY FUND

Beginning Balance	40,263.97
Receipts	323.25
Expenditures	Identify Purchases:
_____	_____
_____	_____
_____	_____
Ending Balance	405,87.22

TOTAL ESTIMATED ACREAGE OF NOXIOUS WEEDS							
	Private Lands	County Lands	Township Lands	State Lands	Federal Lands	City Gov. Lands	Total
Field Bindweed (FB)							
Musk Thistle (MT)							
Johnsongrass (JG)							
Bur Ragweed (BR)							
Canada Thistle (CT)							
Leafy Spurge (LS)							
Hoary Cress (HC)		54558.1					
Sericea Lespedeza (SL)		112761.0					
Russian Knapweed (RK)		63100.6					
TOTAL		230419.7					

ESTIMATED ACREAGE OF NOXIOUS WEEDS ON PRIVATE LANDS SUB-SECTION										
	Wheat	Corn	Soybean	Grain Sorghum	CRP	Range Pasture	Other Crops	Fallow	Non-Ag.	Total
FB			23805.1			28475.0	2778.0			54558.1
MT										
JG			28930.6			31892.0	2778.0			63100.6
BR										
CT										
LS										
HC										
SL						103649.0	9112.0			112761.0
RK										
TOTAL			52735.7			164016.0	13668.0			230419.7

Please check the county-option weeds declared noxious in your county:

- Multiflora Rose Bull Thistle

HERBICIDE DISBURSEMENT SUMMARY

Chemical	Purchase Price	Cost Share Price	Total Disbursed In gal., oz., etc.
2,4-D Amine	\$12.83	\$3.21	460 gal
2,4-D LV Ester	\$16.50	\$4.13	18.281 gal
Aminopyralid [Milostone]	\$213.09	\$21.66	55.821 gal
Dicamba [Banvel, Overdrive, etc.]			
Glyphosate [Roundup, etc.]	\$12.80	\$3.20	237.961 gal
Imazapic [Plateau, etc.]	\$151.88	\$37.97	82 gal
Imazapyr [Arsenal, etc.]			
Metsulfuron-methyl [Escort, etc.]	\$5.62	\$1.40	120.00 oz
Picloram [Grazon, Tordon, Outpost, etc.]	\$50.00	\$12.50	35 gal
Sulfosulfuron [Outrider, etc.]	\$17.23	\$4.31	182.50 oz
Triclopyr [Remedy, etc.]	\$67.13	\$16.78	467.50 gal
Pasturegard (Triclopyr+Fluroxypyr)	\$50.68	\$12.67	212.50 oz

ENFORCEMENT SUMMARY

Warning Notices	3	Enforcement Comments:
Legal Notices		
Court Cases		
Diversion Agreements		
Accounts to Tax Roll		
Meetings Sponsored		
Demonstration Plots		
Weed Free Forage Inspection		
Publish General Notice		

SIGNATURES

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

We certify that _____ is employed as _____ County Noxious Weed Director for 2022.

Bob Wagner
Chairman, Board of County Commissioners

3-1-22
Date

[Signature]
County Commissioner

3-1-22
Date

[Signature]
County Commissioner

3-1-22
Date

County Commissioner

Eric J. Neal
Noxious Weed Director

Date

02/28/2022
Date

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT – Treatment Summary for One Weed

County: Cowley Year: 2021 Weed Treated: Bull Thistle

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													
Legal Notices													
Court Cases													
Diverslon Agreements													
Acreage Treated by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture													
Other Crops													
Fallow													
Non-Agricultural													
County Lands				37.50	30.0								67.50
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Treated				37.50	30.0								67.50
Treatments with Approved Herbicides & Methods													
2-4 D AMINE				37.5	30.0								67.50
Total Acreage Treated				37.5	30.0								67.50

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT – Treatment Summary for One Weed

County: Cowley Year: 2021 Weed Treated: Canada Thistle

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
Acreage Treated by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture													
Other Crops													
Fallow													
Non-Agricultural													
County Lands								25.0					25.0
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Treated								25.0					25.0
Treatments with Approved Herbicides & Methods													
OUST XP								25.0					25.0
Total Acreage Treated								25.0					25.0

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT – Treatment Summary for One Weed

County: Cowley Year: 2021 Weed Treated: Field Bindweed

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
Acreage Treated by Land Category													
Private Lands				714.7	414.50	1078.60	102.80	18.0					2328.4
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture													
Other Crops													
Fallow													
Non-Agricultural													
County Lands				27.5	55.0	30.0	85.0	45.0	10.0				252.5
Total Acreage Treated				742.2	469.5	1108.60	187.6	63.0	10.0				2580.9
Treatments With Approved Herbicides & Methods													
2-4 D AMINE #4				10.0	366.20	20.0							396.2
COST SHARE 2-4 D AMINE OR LV ESTER						10.0							10.0
ELEMENT 4								10.0	10.0				20.0
MAD DOG				35.0	100.0		170.0	70.0					375.0
COST SHARE TORDON 22K					20.0								20.0
TRICLOPYR 4					10.0		44.3	14.0					68.3
COST SHARE 2-4 D AMINE #4				527.7		353.3	11.3	4.0					896.3
COST SHARE GLYPHOSATE				10.0	10.0								20.0
COST SHARE GRASLAN L						500.0							500.0
COST SHARE PASTUREGARD HL				177.0	13.3	225.3	47.0						462.6
Total Acreage Treated				759.7	519.5	1108.6	272.6	98.0	10.0				2768.70

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT – Treatment Summary for One Weed

County: Cowley Year: 2021 Weed Treated: Johnsongrass

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
Acreage Treated by Land Category													
Private Lands				8.5	692.2	764.40	258.6	418.3	72.0				2214.0
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture													
Other Crops													
Fallow													
Non-Agricultural													
County Lands				17.5	50.0		85.0	35.0					187.5
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Treated				26.0	742.2	764.4	343.6	453.3	72.0				2401.5
Treatments with Approved Herbicides & Methods													
OUST XP				17.5	50.0			10.0					77.5
OUTRIDER							85.0	25.0					110.0
COST SHARE GLYPHOSATE				8.5	406.1	85.2	60.0	144.0					703.8
COST SHARE OUST XP							16.0	116.0					132.0
COST SHARE OUTRIDER					46.1	120.0			8.0				174.1
COST SHARE PANARAMIC					240.0	559.2	182.6	142.3	64.0				1186.1
COST SHARE PLATEAU								16.0					16.0
Total Acreage Treated				26.0	742.2	764.4	343.6	463.3	72.0				2401.5

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT – Treatment Summary for One Weed

County: Cowley Year: 2021 Weed Treated: Musk Thistle

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
Acreage Treated by Land Category													
Private Lands					1171.90	46.9	76.40	20.0					1315.3
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture													
Other Crops													
Fallow													
Non-Agricultural													
County Lands					40.0	30.0							70.0
Total Acreage Treated					1211.9	76.9	76.4	20.0					1385.3
Treatments with Approved Herbicides & Methods													
2-4 D AMINE					20.0								20.0
METSULFURON					394.1								394.1
MILESTONE QT					74.1	21.3	20.0						115.4
MILESTONE (2.5)					133.0	30.0							163.0
MSM 60					15.0								15.0
COST SHARE PICLORAM +D					50.0								50.0
COST SHARE 2-4 D AMINE					414.1		30.0						444.1
COST SHARE GRAZON P+D								20.0					20.0
COST SHARE METSULFURON					53.3		20.0						73.3
COST SHARE MILESTONE QT					59.3	25.6	6.4						90.3
Total Acreage Treated					1211.9	76.9	76.4	20.0					1385.3

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT – Treatment Summary for One Weed

County: Cowley Year: 2021 Weed Treated: Sericea Lespedeza

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
Acres Treated by Land Category													
Private Lands				751.1	1203.3	1695.7	360.0	512.0	122.7				4544.7
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture													
Other Crops													
Fallow													
Non-Agricultural													
County Lands				47.5	50.0	30.0	60.0	35.0	10.0				232.5
Total Acres Treated				798.6	1253.3	1625.7	420.0	547.0	132.7				4777.2
Treatments with Approved Herbicides & Methods													
ELEMENT 4					10.0								10.0
METSULFURON					5.0		50.0	112.0					167.0
METSULFRON METHYL				47.5	20.0								67.5
MSM 60					15.0	30.0	60.0	35.0	10.0				150.0
TRICLOPYR				57.6	80.0								137.6
COST SHARE METSULFURON				227.7	161.2		30.0	260.0	96.0				774.9
COST SHARE PASTUREGARD HL				10.7	522.1	1422.3	240.0	80.0	26.7				2301.7
COST SHARE REMEDY ULTRA						40.0		60.0					100.0
COST SHARE TRICLOPYR 4				455.1	440.0	133.3	40.0						1068.5
Total Acres Treated				798.6	1253.3	1625.7	420.0	547.0	132.7				4777.2

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Cowley Year: 2021 Weed Surveyed: Field Bindweed

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Acreage Infested by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans										64	16.5		229
Grain Sorghum													
CRP													
Range/Pasture										190	160		350
Other Crops													
Fallow													
Non-Agricultural													
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Infested										254	325		579

Worksheet to Calculate Estimated Acreage of a Noxious Weed In a County:

	Total Acreage Found Infested	÷	Total Acreage Surveyed	X	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat								
Corn								
Soybeans	229						26,083.1	
Grain Sorghum								
CRP								
Range/Pasture	350						39,865	
Other Crops								
Fallow		÷	6400	X	728,960	=		
Non-Agricultural								
Sub-Total of Private Lands								
County Lands								
Township Lands								
State Lands								
Federal Lands								
City Gov. Lands								
Total Estimated Acreage							65948.1	

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Cowley Year: 2021 Weed Surveyed: Johnsongrass

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Acreage Infested by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans										64	190		254
Grain Sorghum													
CRP													
Range/Pasture										210	90		300
Other Crops													
Fallow													
Non-Agricultural													
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands											80		80
Total Acreage Infested										274	360		634

Worksheet to Calculate Estimated Acreage of a Noxious Weed In a County:

	Total Acreage Found Infested	÷	Total Acreage Surveyed	X	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat								
Corn								
Soybeans	254							
Grain Sorghum							28,930.6	
CRP								
Range/Pasture	300						34,170	
Other Crops								
Fallow		÷	6400	X	728,960	=		
Non-Agricultural								
Sub-Total of Private Lands								
County Lands								
Township Lands								
State Lands								
Federal Lands								
City Gov. Lands								
Total Estimated Acreage							63100.6	

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Cowley Year: 2021 Weed Surveyed: Sericea Lespedeza

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Acreage Infested by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture										930	220		1115
Other Crops													
Fallow													
Non-Agricultural													
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Infested										930	220		1115

Worksheet to Calculate Estimated Acreage of a Noxious Weed In a County:

	Total Acreage Found Infested	÷	Total Acreage Surveyed	X	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat								
Corn								
Soybeans								
Grain Sorghum								
CRP								
Range/Pasture	1150							
Other Crops								
Fallow		÷	6400	X	728,960	=	130,985	
Non-Agricultural								
Sub-Total of Private Lands								
County Lands								
Township Lands								
State Lands								
Federal Lands								
City Gov. Lands								
Total Estimated Acreage							130985	