

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

County: **Leavenworth**

Noxious Weed Supervisor's Name: **Alan Phillips**

**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
Alan Phillips	Supervisor	75%
Shawn Bauswell	Lead Operator	50%
Kenny Jeannin & Kyle Hardisty	Operator's	50%
John Logan & Jeremy Wagner	Operators	50%

Monthly salary of the Noxious Weed Director beginning January 1, 2022

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## FINANCIAL SUMMARY

### BUDGET

Budget for 2021 .....	516,066.00
Mil levy for 2021 .....	0
County valuation for 2021 .....	823,229,821.00

### EXPENDITURES

Personnel services .....	201,666.00
Contractual services .....	31,400.00
Commodities	
Chemical purchases .....	200,000.00
Other commodities .....	48,000
Total Commodities .....	248,000.00
Capital outlay .....	35,000.00
<b>TOTAL EXPENDITURES .....</b>	<b>516,066.00</b>

### REVENUE

Budgeted carryover (2020 to 2021) .....	0
County appropriation (Tax funds & others) .....	0
Current reimbursements	
Chemical .....	128,940.00
Equipment & Labor .....	3834.00
Other .....	0
Total reimbursements .....	0
Old accounts collected .....	0
<b>TOTAL REVENUE .....</b>	<b>132,774.55</b>
Carryover to next year's budget (2018 to 2019) .....	0

**CAPITAL OUTLAY FUND**

Beginning Balance ..... 0

Receipts ..... 0

Expenditures Identify Purchases:


Ending Balance ..... 0

TOTAL ESTIMATED ACREAGE OF NOXIOUS WEEDS							
	Private Lands	County Lands	Township Lands	State Lands	Federal Lands	City Gov. Lands	Total
Field Bindweed (FB)	23.3						
Musk Thistle (MT)	69.8						
Johnsongrass (JG)	363.2						
Bur Ragweed (BR)							
Canada Thistle (CT)							
Leafy Spurge (LS)							
Hoary Cress (HC)							
Sericea Lespedeza (SL)	83.8						
Russian Knapweed (RK)							
<b>TOTAL</b>	<b>540.1</b>						<b>540.1</b>

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						23.3				23.3
MT						69.8				69.8
JG		14.0	46.6			302.6				363.2
BR										
CT										
LS										
HC										
SL			23.3			60.5				83.8
RK										
<b>TOTAL</b>		<b>14</b>	<b>69.9</b>			<b>456.2</b>				<b>540.1</b>

**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	11.90	6.96	2815 gal.
2,4-D LV Ester	12.22	9.16	1072.50 gal.
Aminopyralid [Milestone]	277.50	208.12	7.5 gal.
Dicamba [Banvel, Overdrive, etc.]	0	0	0
Glyphosate [Roundup, etc.]	24.75	18.40	2127.80 gal.
Imazapic [Plateau, etc.]	102.50	70.90	25
Imazapyr [Arsenal, etc.]	0	0	0
Metsulfuron-methyl [Escort, etc.]	2.20	1.65	448 oz.
Picloram [Grazon, Tordon, Outpost, etc.]	39.25	29.40	412 gal.
Sulfosulfuron [Outrider, etc.]	0	0	0
Triclopyr [Remedy, etc.]	46.34	34.75	484 gal.
Pasturegard (Triclopyr+Fluroxypyr)	91.58	68.60	475 gal.
Terravue	81.60	61.19	96.80 oz
Fusion (Fluazifop-p-butyl ,Fenoxaprop ethyl	150.00	111.00	95 gal.

**ENFORCEMENT SUMMARY**

warning Notices		Enforcement Comments: Property owners that received legal notices were new county residents and was unaware of Kansas noxious weed laws. Cooperated well excepted supervisor's recommendations on treating noxious weeds.
Legal Notices	3	
Court Cases		
Diversion Agreements		
Accounts to Tax Roll		
Meetings Sponsored		
Demonstration Plots		
Weed Free Forage Inspection		
Publish General Notice	2	

**SIGNATURES**

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

We certify that Alan Phillips is employed as Leavenworth County Noxious Weed Director for 2022.

*Med W. Inab*  
Chairman, Board of County Commissioners

*[Signature]*  
County Commissioner

*[Signature]*  
County Commissioner

*[Signature]*  
County Commissioner

*Alan Phillips*  
Noxious Weed Director

*Vicky Kead*  
County Commissioner

1-26-22  
Date

1-26-22  
Date

1-26-22  
Date

1-26-22  
Date

1-20-22  
Date

1-26-22



Annual Noxious Weed Eradication Progress Report

Treatment Summary

*Chart 2*

2021

Leavenworth County Noxious Weed Dept

Acres Treated

Noxious Weed	Private	County	Township	State	Federal	City	Cost Share	Total
Field Bindweed	1167.4	16						1183.4
Johnsongrass	7508.1	872						8380.1
Musk Thistle	23711.3	333						24044.3
Sericea Lespedeza	97808.3	5632.3						103440.6
Totals	130195.1	6853.3						137048.4

Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Field Bindweed						784.7	382.7			1167.4
Johnsongrass						7428.1	80			7508.1
Musk Thistle						23617.3	70			23687.3
Sericea Lespedeza						97288.3	264			97552.3
Totals						129118.4	796.7			129915.1





# Annual Noxious Weed Eradication Progress Report

*Chart 3*

Leavenworth County Noxious Weed Dept

## Field Bindweed

2021

	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
<b>Acreage Treated</b>													
County													Totals
Private Other					382.7		4.0		16.0				16.0
Private Pasture			10.0	30.7	740.0								382.7
Total Acreage			10.0	30.7	1122.7		4.0		16.0				784.7
<b>Approved Herbicides and Methods</b>													
24 LV ESTER					20.0								20.0
24D Amine					1060.0								1080.0
Glyphosate			10.0				4.0		16.0				10.0
TORDON				10.7	42.7								73.4
Total Acreage			10.0	30.7	1122.7		4.0		16.0				1183.4

# Annual Noxious Weed Eradication Progress Report

## Leavenworth County Noxious Weed Dept

### Johnsongrass

2021

	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
<b>Acres Treated</b>													<b>Totals</b>
County			40.0	220.0	16.0		484.0		112.0				872.0
Private Other					80.0								80.0
Private Pasture			176.0	1166.0	860.0	1406.0	1662.0	892.1	1076.0	60.0	60.0	70.0	7428.1
<b>Total Acres</b>			216.0	1386.0	956.0	1406.0	2146.0	892.1	1188.0	60.0	60.0	70.0	8380.1
<b>Approved Herbicides and Methods</b>													<b>Totals</b>
Fusion				20.0		30.0	130.0	130.0	100.0	20.0			430.0
Glyphosate			200.0	1270.0	940.0	1360.0	1940.0	750.1	1044.0	40.0	60.0	70.0	7674.1
PLATEAU			16.0	96.0	16.0	16.0	76.0	12.0	44.0				276.0
sunwet				0.0									0.0
<b>Total Acres</b>			216.0	1386.0	956.0	1406.0	2146.0	892.1	1188.0	60.0	60.0	70.0	8380.1



# Annual Noxious Weed Eradication Progress Report

## Leavenworth County Noxious Weed Dept

### Musk Thistle

2021

	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
<b>Acreage Treated</b>													
County	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Private			88.0	20.0	80.0		165.0		0.0				333.0
Private Other			40.0	22.0	4.0		8.0						24.0
Private Pasture	16.0	120.0	3118.0	9551.3	3600.0	1664.0	1576.0	1108.0	1944.0	732.0	162.0	26.0	23617.3
<b>Total Acreage</b>	16.0	120.0	3246.0	9593.3	3684.0	1664.0	1749.0	1108.0	1944.0	732.0	162.0	26.0	24044.3
<b>Approved Herbicides and Methods</b>													
2,4-D Amine	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2,4D LoVol		120.0	1240.0	4689.2	2030.0	1200.0	1500.0	920.0	1380.0	40.0	110.0	10.0	13239.2
2-4 LV Agristar			1670.0	4020.1	1060.0	360.0	20.0	80.0	160.0	160.0			7530.1
ESCORT XP				620.0	170.0				112.0				112.0
Glyphosate					80.0		160.0		20.0	20.0	20.0		850.0
Milestone							5.0						240.0
pathway							5.0						5.0
TerraVue	16.0		0.0		0.0	0.0	0.0	0.0	0.0				0.0
TORDON			336.0	264.0	344.0	104.0	44.0	108.0	272.0	512.0	32.0	16.0	2048.0
<b>Total Acreage</b>	16.0	120.0	3246.0	9593.3	3684.0	1664.0	1749.0	1108.0	1944.0	732.0	162.0	26.0	24044.3

# Annual Noxious Weed Eradication Progress Report

## Leavenworth County Noxious Weed Dept

**Sericea Lespedeza**

2021

	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
<b>Acreage Treated</b>													
County					256.0		1792.1		3584.2				5632.3
Private					256.0								256.0
Private Other					264.0								264.0
Private Pasture			56.0	1032.0	1816.0	20054.1	14116.5	24185.0	35721.4	278.3	11.6	17.4	97288.3
<b>Total Acreage</b>			56.0	1032.0	2592.0	20054.1	15908.6	24185.0	39305.6	278.3	11.6	17.4	103440.6
<b>Approved Herbicides and Methods</b>													
escort								32.0					32.0
escort xp						5.3			106.7	10.7			122.7
PatureGuard				296.0	672.0	336.0	2520.1	10328.5	12573.7	192.0	11.6	11.6	26941.5
Remedy					512.0			512.0					1024.0
Remedy Ultra			56.0	728.0	1408.0	19712.8	13388.5	13312.5	26625.2	75.6		5.8	75312.4
TerraVue				8.0									8.0
<b>Total Acreage</b>			56.0	1032.0	2592.0	20054.1	15908.6	24185.0	39305.6	278.3	11.6	17.4	103440.6

# NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

SEE CHART 4

County: Leavenworth

Year: 2022

Weed Surveyed:

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

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

	Total Acres Found Infested	÷	Total Acres Surveyed	×	Total Acres of County	=	Estimated Acres Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat								
Corn								
Soybeans								
Grain Sorghum								
CRP								
Range/Pasture								
Other Crops								
Fallow								
Non-Agricultural								
Sub-Total of Private Lands		÷		×		=		
County Lands								
Township Lands								
State Lands								
Federal Lands								
City Gov. Lands								
Total Estimated Acres								

Chart 4

Leavenworth County Noxious Weed Dept  
LV

Year 2021  
Start Date 01/01/21 End Date 12/31/21

Noxious Weed Survey Data Collection

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361178	9/10/2021	Alan Phillips	1	09S-21E-22				
Location		Land Ownership						
NE 1/4		Private Pasture			160	0.8	Johnsongrass Sericea Lespedeza	0.5 0.3
SE 1/4		Private Pasture			160	0		
NW 1/4		Private Pasture			160	0		
SW 1/4		Private Soybean			160	0.5	Johnsongrass	0.5
Total Acreage Surveyed				640	1.3			

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361179	9/10/2021	Alan Phillips	2	08S-22E-32				
Location		Land Ownership						
NE 1/4		Private Pasture			160	1	Johnsongrass	1
SE 1/4		Private Pasture			160	0		
NW 1/4		Private Pasture			160	0.2	Field Bindweed	0.2
SW 1/4		Private Pasture			160	1	Johnsongrass	1
Total Acreage Surveyed				640	2.2			

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361180	9/10/2021	Alan Phillips	3	11S-21E-13				
Location		Land Ownership						
NE 1/4		Private Soybean			160	0.5	Johnsongrass	0.5
NW 1/4		Private Corn			160			
SE 1/4		Private Pasture			160	1	Johnsongrass	1
SW 1/4		Private Pasture			160			
Total Acreage Surveyed				640	1.5			

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361181	9/10/2021	Alan Phillips	4	09S-22E-22				
Location		Land Ownership						
NE 1/4		Private Pasture			160			
NW 1/4		Private Pasture			160	1	Johnsongrass Sericea Lespedeza	0.5 0.5
SE 1/4		Private Pasture			160	0		
SW 1/4		Private Pasture			160	0.5	Musk Thistle	0.5
Total Acreage Surveyed				640	1.5			

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361182	9/10/2021	Alan Phillips	5	09S-20E-36				
Location		Land Ownership						
NE 1/4		Private Pasture			160			
SE 1/4		Private Soybean			160			
NW 1/4		Private Corn			160	0		
SW 1/4		Private Pasture			160	0.5	Musk Thistle	0.5
Total Acreage Surveyed				640	0.5			

# Leavenworth County Noxious Weed Dept

LV

## Noxious Weed Survey Data Collection

Year 2021

Start Date 01/01/21  
End Date 12/31/21

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361183	9/10/2021	Alan Phillips	6	11S-21E-31				
<b>Location</b>		<b>Land Ownership</b>						
NE 1/4		Private Pasture			160	0.5	Musk Thistle	0.5
SE 1/4		Private Corn			160			
NW 1/4		Private Corn			160	0		
SW 1/4		Private Corn			160	0.3	Johnsongrass	0.3

**Total Acreage Surveyed 640 0.8**

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361184	9/10/2021	Alan Phillips	7	07S-21E-29				
<b>Location</b>		<b>Land Ownership</b>						
NE 1/4		Private Pasture			160			
SE 1/4		Private Pasture			160	0		
NW 1/4		Private Pasture			160	0		
SW 1/4		Private Pasture			160	0.5	Sericea Lespedeza	0.5

0

**Total Acreage Surveyed 640 0.5**

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361185	9/10/2021	Alan Phillips	8	10S-22E-25				
<b>Location</b>		<b>Land Ownership</b>						
NE 1/4		Private Pasture			160	0.5	Johnsongrass	0.5
SE 1/4		Private Pasture			160	0		
NW 1/4		Private Soybean			160	0.5	Sericea Lespedeza	0.5
SW 1/4		Private Pasture			160	1	Johnsongrass	1

0

**Total Acreage Surveyed 640 2**

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361186	9/10/2021	Alan Phillips	9	09S-21E-19				
<b>Location</b>		<b>Land Ownership</b>						
NE 1/4		Private Pasture			160			
SE 1/4		Private Corn			160			
NW 1/4		Private Pasture			160			
SW 1/4		Private Pasture			160	0.5	Johnsongrass	0.5

**Total Acreage Surveyed 640 0.5**

Survey#	Date	Surveyor	Field#	Legal Description	Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
361187	9/10/2021	Alan Phillips	10	08S-22E-21				
<b>Location</b>		<b>Land Ownership</b>						
NE 1/4		Private Corn			160	0		
SE 1/4		Private Pasture			160	0.5	Johnsongrass	0.5
NW 1/4		Private Pasture			160			
SW 1/4		Private Pasture			160	0.3	Field Bindweed	0.3

**Total Acreage Surveyed 640 0.8**

**Total Acreage Surveyed 6400 11.6**

Chart 4

**Noxious Weed Survey Worksheet  
Leavenworth County Noxious Weed Dept**

**2021**

	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Field Bindweed									0.5				0.5
Private Pasture									0.5				0.5
<b>Total Acreage Infested</b>													

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private Corn	0.5	6400	297941.7	0.0	0.0	0.0	
Private Pasture	0.5			23.3	0.0	23.3	
	0.5		Total Estimated Acreage	23.3	0.0	23.3	



# Noxious Weed Survey Worksheet Leavenworth County Noxious Weed Dept

**2021**

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Johnsongrass									0.3				0.3
Private Corn									6.5				6.5
Private Pasture									1				1
Private Soybean									7.8				7.8
<b>Total Acreage Infested</b>													

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
County		6400	297941.7	0.0	0.0	0.0	
Federal				0.0	0.0	0.0	
Private Corn	0.3			14.0	0.0	14.0	
Private Fallow				0.0	0.0	0.0	
Private Other				0.0	0.0	0.0	
Private Pasture	6.5			302.6	0.0	302.6	
Private Soybean	1.0			46.6	0.0	46.6	
	7.8			363.2	0.0	363.2	
			<b>Total Estimated Acreage</b>				

# Noxious Weed Survey Worksheet Leavenworth County Noxious Weed Dept

2021

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Musk Thistle									1.5				1.5
Private Pasture									1.5				1.5
<b>Total Acreage Infested</b>									<b>1.5</b>				<b>1.5</b>

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private Corn		6400	297941.7	0.0	0.0	0.0	
Private Fallow				0.0	0.0	0.0	
Private Other				0.0	0.0	0.0	
Private Pasture	1.5			69.8	0.0	69.8	
Private Soybean				0.0	0.0	0.0	
	1.5		<b>Total Estimated Acreage</b>	69.8	0.0	69.8	

# Noxious Weed Survey Worksheet

## Leavenworth County Noxious Weed Dept

2021

Sericea Lespedeza      January    February    March    April    May    June    July    August    September    October    November    December:    Totals  
 Private Pasture      1.3  
 Private Soybean      0.5  
 Total Acreage Infested      1.8

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private Corn		6400	297941.7	0.0	0.0	0.0	
Private Other				0.0	0.0	0.0	
Private Pasture	1.3			60.5	0.0	60.5	
Private Soybean	0.5			23.3	0.0	23.3	
	1.8		Total Estimated Acreage	83.8	0.0	83.8	