

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

County: Harper
 Noxious Weed Supervisor's Name: David Hoopes

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

RECEIVED
 MAR 09 2022
 Plant Protection

NOXIOUS WEED DEPARTMENT PERSONNEL

Name	Job Title	% Time Spent on Noxious Weeds
<u>Mike Bennett</u>	<u>Road Supervisor</u>	<u>.5</u>
<u>David Hoopes</u>	<u>Noxious Weed Director</u>	<u>100</u>
<u>Sheena Thomas</u>	<u>Administrative Manager</u>	<u>1</u>

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

FINANCIAL SUMMARY

BUDGET

Budget for 2021	<u>147,461</u>
Mil levy for 2021	<u>1.598</u>
County valuation for 2021	<u>84,520,930</u>

EXPENDITURES

Personnel services	<u>37,940.00</u>
Contractual services	<u>7,372.30</u>
Commodities	
Chemical purchases	<u>54,016.92</u>
Other commodities	<u>2,287.18</u>
Total Commodities	<u>56,304.10</u>
Capital outlay	
TOTAL EXPENDITURES	<u>101,666.40</u>

REVENUE

Budgeted carryover (2020 to 2021)	<u>40,710.31</u>
County appropriation (Tax funds & others)	<u>135,348.58</u>
Current reimbursements	
Chemical	<u>15,092.84</u>
Equipment & Labor	<u>-0-</u>
Other	<u>-0-</u>
Total reimbursements	<u>15,092.84</u>
Old accounts collected	<u>-0-</u>
TOTAL REVENUE	<u>150,441.42</u>

Carryover to next year's budget (2021 to 2022) 89,485.00

CAPITAL OUTLAY FUND

Beginning Balance	92,139.69
Receipts	20,000.00
Expenditures	
Identify Purchases:	
	- 0 -
Ending Balance	112,139.69

TOTAL ESTIMATED ACREAGE OF NOXIOUS WEEDS							
	Private Lands	County Lands	Township Lands	State Lands	Federal Lands	City Gov. Lands	Total
Field Bindweed (FB)	11,663	456		129		49	12,297
Musk Thistle (MT)	5,372	496		4		12	5,884
Johnsongrass (JG)	11,108	1,996		199		325	13,628
Bur Ragweed (BR)							
Canada Thistle (CT)							
Leafy Spurge (LS)							
Hoary Cress (HC)							
Sericea Lespedeza (SL)	4,087	10		4			4,101
Russian Knapweed (RK)							
TOTAL	32,230	2,958		336		386	35,910

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	4,223	281	291	796	896	4,226	292	156	492	11,663
MT	487				489	3,904			492	5,372
JG	1,956	34	219	283	1,744	1,744	149		4,979	11,108
BR										
CT										
LS										
HC										
SL	581				946	1,284			1,276	4,087
RK										
TOTAL		325	510	1,079	4,075	11,158	441	156	7,239	32,100

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

- Multiflora Rose Bull Thistle

Annual Noxious Weed Eradication Progress Report
Treatment Summary

County: Harper Year: 2021

Acres Treated							
Noxious Weed	Private	County	Township	State	Federal	City	Total
Bindweed	110						110
Johnson Grass	438	1,752					2,190
Musk Thistle	4,822						4,822
Sericea lespedeza	154						154
Totals	5,524	1,752					7,276

Acres Treated on Private Land sub-section										
Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Bindweed						100			10	110
Johnson Grass	256					154	23		5	438
Musk Thistle						4,817			5	4,822
Sericea lespedeza						154				154
Totals	256					5,225	23		20	5,524

HERBICIDE DISBURSEMENT SUMMARY

Chemical	Purchase Price	Cost Share Price	Total Disbursed in gal., #, oz., etc.
2,4-D Amine	\$ 10.85 gal	\$ 8.13 gal	258 gal
2,4-D LV Ester	\$ 15.36 gal	\$ 11.52 gal	-0-
Aminopyralid [Milestone]	\$ 312.22 gal	\$ 234.24 gal	6 gal
Dicamba [Banvel, Overdrive, etc.]	-	-	-
Glyphosate [Roundup, etc.]	\$ 10.79 gal	\$ 8.09 gal	545 gal
Imazapic [Plateau, etc.]	\$ 94.72 gal	\$ 71.04 gal	74 gal
Imazapyr [Arsenal, etc.]	\$ 70.40 gal	\$ 52.80 gal	-0-
Metsulfuron-methyl [Escort, etc.]	\$ 2.16 oz	\$ 1.62 oz	1,696 oz
Picloram [Grazon, Tordon, Outpost, etc.]	\$ 38.60 gal	\$ 28.95 gal	13 gal
Sulfosulfuron [Outrider, etc.]	-	-	-
Triclopyr [Remedy, etc.]	\$ 67.84 gal	\$ 50.88 gal	-
Pasturegard (Triclopyr+Fluroxypyr)	-	-	-
2,4-D Choline salt	\$ 20.50 gal	\$ 15.38 gal	196 gal

ENFORCEMENT SUMMARY

Warning Notices		Enforcement Comments: Will make more personal visits with more landowners/tenants about their noxious weed problems. Send more notices to landowners outside of Harper County. Help landowners with their Sericea kespedeza problems on CRP land.
Legal Notices		
Court Cases		
Diversion Agreements		
Accounts to Tax Roll		
Meetings Sponsored		
Demonstration Plots		
Weed Free Forage Inspection	Several	
Publish General Notice	3	

SIGNATURES

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

We certify that David Hoopes is employed as Harper County Noxious Weed Director for 2022.

Brian Waldschmidt
 Chairman, Board of County Commissioners

3/7/2022
 Date

[Signature]
 County Commissioner

3-7-2022
 Date

[Signature]
 County Commissioner

3-7-2022
 Date

County Commissioner
David Hoopes
 Noxious Weed Director

Date
3-17-2022
 Date

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

County: Harper Year: 2021 Weed Treated: 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													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture							100						100
Other Crops													
Fallow													
Non-Agricultural				10									10
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Treated				10			100						110
Treatments with Approved Herbicides & Methods													
Glyphosate (Buccanerd)				10									
Picloram (Tordon 24K)							100						
Total Acreage Treated				10			100						110

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

County: Harper Year: 2021 Weed Treated: Johnson Grass

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
Acreeage Treated by Land Category													
Private Lands													
Wheat							256						256
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture								154					154
Other Crops <u>Hay</u>					23								23
Fallow													
Non-Agricultural								5					5
County Lands					48	504	432	168	264	336			1,752
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreeage Treated					71	504	688	327	264	336			2,190
Treatments with Approved Herbicides & Methods													
<u>Emazapyr (Panormic)</u>							580	168	264	336			
<u>Glyphosate</u>					71	504	582	327	264	336			
<u>Tank mix</u>													
<u>on Co Row after</u>													
<u>June</u>													
Total Acreeage Treated					71	504	688	327	264	336			2,190

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

County: Harper Year: 2021 Weed Treated: Mask Thistle

Enforcement	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
Acreege Treated by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture			120	329	3,848	520							4,817
Other Crops													
Fallow													
Non-Agricultural								5					5
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Treated			120	329	3,848	520		5					4,822
Treatments with Approved Herbicides & Methods													
Aminopyralid (Milestone)					82	390							472
2,4-D Amine			120	220	3200			5					2605
2,4-D Choline (Freelex)					406								645
Picloram (Tordan 22K)					1,100								1,100
Total Acreage Treated			120	329	3,848	520		5					4,822

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

County: Harper Year: 2021 Weed Treated: Sericea lopespedeza

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
Acreege Treated by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture									154				154
Other Crops													
Fallow													
Non-Agricultural													
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Treated									154				154
Treatments with Approved Herbicides & Methods													
Metsulfuron methyl (Escort XP)									154				154
Total Acreage Treated									154				154

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Harper Year: 2021 Weed Surveyed: Bindweed None found

Acreage 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 Acreage Infested													

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

	Total Acreage Found Infested	÷	Total Acreage Surveyed	×	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat								4,223
Corn								291
Soybeans								796
Grain Sorghum								896
CRP								4,226
Range/Pasture								292
Other Crops								156
Fallow								492
Non-Agricultural								11,663
Sub-Total of Private Lands		÷	6400	×	513,280	=		
County Lands								
Township Lands								
State Lands								
Federal Lands								
City Gov. Lands								49
Total Estimated Acreage							-0-	12,297

NOXIOUS WEED SURVEY WORKSHEET - Survey for One Weed

County: Harper Year: 2021 Weed Surveyed: Johnson Grass

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											5		5
CRP													
Range/Pasture													
Other Crops													
Fallow													
Non-Agricultural													
County Lands											162		162
Township Lands											79		79
State Lands											1		1
Federal Lands													
City Gov. Lands													
Total Acres Infested											247		247

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								1,956
Corn								34
Soybeans								219
Grain Sorghum							401	283
CRP	5							1,744
Range/Pasture								1,744
Other Crops								149
Fallow								
Non-Agricultural	162						12,992	4,979
Sub-Total of Private Lands	167		6,400	X	513,280	=	13,393	11,108
County Lands	79.4						6,367	1,996
Township Lands								
State Lands	1						80	199
Federal Lands								
City Gov. Lands								
Total Estimated Acres							17,840	13,628

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Harper Year: 2021 Weed Surveyed: Musk Thistle - None found

Acreage 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 Acreage Infested													

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

	Total Acreage Found Infested	÷	Total Acreage Surveyed	×	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat								437
Corn								
Soybeans								
Grain Sorghum								489
CRP								3,904
Range/Pasture								
Other Crops								
Fallow								
Non-Agricultural								492
Sub-Total of Private Lands								5,322
County Lands								496
Township Lands								
State Lands								4
Federal Lands								
City Gov. Lands								12
Total Estimated Acreage							-0-	5,834

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Harper

Year: 2021

Weed Surveyed: Sericea kespidea

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											10		10
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	X	Total Acres of County	=	Estimated Acres Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat								581
Corn								
Soybeans								
Grain Sorghum								946
CRP							802	1,284
Range/Pasture	10							
Other Crops								
Fallow								
Non-Agricultural								
Sub-Total of Private Lands		÷	6,400	X	513,280	=		1,276
County Lands								4,087
Township Lands								10
State Lands								4
Federal Lands								
City Gov. Lands								
Total Estimated Acres							802	4,101

