

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

County: <u>Smith</u>
Noxious Weed Supervisor's Name: <u>Christopher G Jones</u>

RECEIVED

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

MAR 16 2022  
Plant Protection

### NOXIOUS WEED DEPARTMENT PERSONNEL

Name	Job Title	% Time Spent on Noxious Weeds
<u>Christopher G Jones</u>	<u>Director</u>	<u>90%</u>
<u>Julie Zabel</u>	<u>Secretary</u>	<u>100%</u>

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

\$ [REDACTED]

### FINANCIAL SUMMARY

#### BUDGET

Budget for 2021 .....	<u>222,670</u>
Mil levy for 2021 .....	<u>1,440</u>
County valuation for 2021 .....	<u>71,230,647</u>

#### EXPENDITURES

Personnel services .....	<u>75,296.47</u>
Contractual services .....	<u>9,271.08</u>
Commodities	
Chemical purchases .....	<u>68,547.47</u>
Other commodities .....	
Total Commodities .....	<u>68,547.47</u>
Capital outlay .....	
<b>TOTAL EXPENDITURES</b> .....	<b><u>153,115.02</u></b>

#### REVENUE

Budgeted carryover (2020 to 2021) .....	<u>115,779.78</u>
County appropriation (Tax funds & others) .....	
Current reimbursements	
Chemical .....	<u>56,085.32</u>
Equipment & Labor .....	<u>3,187.50</u>
Other .....	
Total reimbursements .....	
Old accounts collected .....	
<b>TOTAL REVENUE</b> .....	<b><u>162,521.12</u></b>
Carryover to next year's budget (2021 to 2022) .....	<u>9,406.10</u>

**CAPITAL OUTLAY FUND**

Beginning Balance ..... 60,300.00

Receipts .....

Expenditures ..... Identify Purchases:

.....

.....

.....

Ending Balance ..... 60,300.00

TOTAL ESTIMATED ACREAGE OF NOXIOUS WEEDS							
	Private Lands	County Lands	Township Lands	State Lands	Federal Lands	City Gov. Lands	Total
Field Bindweed (FB)	12,130	1,200		200		62	13,592
Musk Thistle (MT)	19,800	98		7		8	19,913
Johnsongrass (JG)	54	8		3		2	67
Bur Ragweed (BR)	1	.5					1.5
Canada Thistle (CT)	39	2					41
Leafy Spurge (LS)							
Hoary Cress (HC)	16	3		2		.5	21.5
Sericea Lespedeza (SL)							
Russian Knapweed (RK)							
<b>TOTAL</b>	<b>32,040</b>	<b>1,311.50</b>		<b>212</b>		<b>72.50</b>	<b>33,636</b>

ESTIMATED ACREAGE OF NOXIOUS WEEDS ON PRIVATE LANDS SUB-SECTION										
	Wheat	Corn	Soybean	Grain Sorghum	CRP	Range Pasture	Other Crops	Fallow	Non-Ag. RR	Total
FB	7,600	760	620	700	280	900	300	880	90	12,130
MT					90	19,620	70		20	19,800
JG		30		21			1		2	54
BR	1									1
CT	2	6	2	3		12	14			39
LS										
HC	10					2	4			16
SL										
RK										
<b>TOTAL</b>	<b>7,613</b>	<b>796</b>	<b>622</b>	<b>724</b>	<b>370</b>	<b>20,534</b>	<b>389</b>	<b>880</b>	<b>112</b>	<b>32,040</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	13.37	↓ All Chemical Sold At Cost ↑	342.0 gal.
2,4-D LV Ester	15.50		617.5 gal.
Aminopyralid [Milestone]	277.50 / 70.25		22.5 gal. 80.0 qt
Dicamba [Banvel, Overdrive, etc.]	34.50		5.0 gal.
Glyphosate [Roundup, etc.]	23.42		100.0 gal.
Imazapic [Plateau, etc.]	60 / 120.00 / 42.00		2.0 gal. 12 qt
Imazapyr [Arsenal, etc.]			
Metsulfuron-methyl [Escort, etc.]	2.07 oz.		976.0 oz
Picloram [Grazon, Tordon, Outpost, etc.]	41.90 gal.		184.5 gal.
Sulfosulfuron [Outrider, etc.]			
Triclopyr [Remedy, etc.]	40.25 gal.		79.5 gal.
Pasturegard (Triclopyr+Fluroxypyr)			

**ENFORCEMENT SUMMARY**

Warning Notices	Enforcement Comments:  <p align="center">Made Phone Calls to Farmers About Musk Thistle Problems in Pastures, Waste Areas</p>
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 Smith County Noxious Weed Program for 2021.  
 We certify that Christopher G Jones is employed as Smith County Noxious Weed Director for 2022.

Dale Pikel  
 Chairman, Board of County Commissioners

03-14-2022  
 Date

Kurt Clark  
 County Commissioner

03-14-2022  
 Date

\_\_\_\_\_  
 County Commissioner

\_\_\_\_\_  
 Date

Roger Allen  
 County Commissioner

03-14-2022  
 Date

Christopher M Jones  
 Noxious Weed Director

3/14/22  
 Date

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

County: Smith

Year: 2021

Weed Treated: Bindweed

Enforcement	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	Warning Notices												
Legal Notices													
Court Cases													
Diversion Agreements													
<b>Acreage Treated by Land Category</b>													
Private Lands													
Wheat													
Corn													
Soybeans													12.0
Grain Sorghum													
CRP													
Range/Pasture													
Other Crops													
Fallow					40.0								40.0
Non-Agricultural													
County Lands													
Township Lands													30.0
State Lands													176.0
Federal Lands													
City Gov. Lands													
<b>Total Acreage Treated</b>			19.0	71.0	130.0	72.0	392.5	210.0	68.0	176.0	942.0		2080.5
<b>Treatments with Approved Herbicides &amp; Methods</b>													
24 D			5.0	52.0	10.0	30.0	115.5	15.0	8.0		942.0		1237.5
Veysel			4.0	4.0	37.0	16.0	10.0	55.0	20.0				126.0
Roundup			10.0	15.0	70.0	26.0	52.0	92.0	40.0				285.0
Tordan					13.0		10.0	40.0	40.0				165.0
24 D Roundup							60.0	8.0					31.0
24 D Tordan											176.0		236.0
<b>Total Acreage Treated</b>			19.0	71.0	130.0	72.0	392.5	210.0	68.0	176.0	942.0		2080.5

# ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT - Treatment Summary for One Weed

County: Smith

Year: 2021

Weed Treated: Musk Thistle

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
<b>Enforcement</b>													
Warning Notices													
Legal Notices													
Court Cases													
Diversion Agreements													
<b>Acreage Treated by Land Category</b>													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP				298.0	3154.0	1154.0	264.5	94.0	64.0				5048.5
Range/Pasture				20.0				142.0					142.0
Other Crops													
Fallow													
Non-Agricultural													
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
<b>Total Acreage Treated</b>	20.0			298.0	3154.0	1154.0	264.5	236.0	64.0				5190.5
<b>Treatments with Approved Herbicides &amp; Methods</b>													
GHD				67.0	520.0	553.0	10.5	96.0	64.0				
Escort +				110.0	470.0	20.0	20.0	120.0					
Mile Stone					288.0	76.0							
Tordon 2AK					420.0	345.0	170.0	20.0					
GHD + Escort +				121.0									
GHD + Mile Stone + Tordon 2AK				298.0	3154.0	1154.0	264.5	236.0	64.0				5190.5
<b>Total Acreage Treated</b>	20.0			298.0	3154.0	1154.0	264.5	236.0	64.0				5190.5

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

County: Smith

Year: 2021

Weed Treated: Other

Enforcement	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	Warring Notices												
Legal Notices													
Court Cases													
Diversion Agreements													
<b>Acreage Treated by Land Category</b>													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture													
Other Crops													
Fallow													
Non-Agricultural													15.0
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
<b>Total Acreage Treated</b>													15.0
<b>Treatments with Approved Herbicides &amp; Methods</b>													
Roundup													15.0
<b>Total Acreage Treated</b>													15.0

# NOXIOUS WEED SURVEY WORKSHEET - Survey for One Weed

County: Smith Year: 2021 Weed Surveyed: Field Bindweed

Acreage Infested by Land Category	Month												TOTALS		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
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															
<b>Total Acreage Infested</b>															

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

Private Lands	Total Acreage Found Infested	÷	Total Acreage Surveyed	×	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Wheat	3	÷	6,400	×	57,600	=		7600
Corn	12							760
Soybeans	3							670
Grain Sorghum	5							700
CRP	1							280
Range/Pasture								900
Other Crops WA								300
Fallow	3.5	÷		×		=		880
Non-Agricultural AK								90
<b>Sub-Total of Private Lands</b>								1200
County Lands	6							
Township Lands								
State Lands	2							200
Federal Lands								
City Gov. Lands								
<b>Total Estimated Acreage</b>								62



# NOXIOUS WEED SURVEY WORKSHEET - Survey for One Weed

County: SMITH Year: 2021 Weed Surveyed: Musk Thistle

Acreage Infested by Land Category	Month												TOTALS		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
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															
<b>Total Acreage Infested</b>															

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

Private Lands	Total Acreage Found Infested	÷	Total Acreage Surveyed	X	Total Acreage of County
Wheat					
Corn					
Soybeans					
Grain Sorghum					
CRP					
Range/Pasture	68	÷	6,400	X	57,600
Other Crops w/A					
Fallow					
Non-Agricultural					
<b>Sub-Total of Private Lands</b>	.1				
County Lands					
Township Lands					
State Lands					
Federal Lands					
City Gov. Lands					
<b>Total Estimated Acreage</b>					

# NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Smith Year: 2021 Weed Surveyed: Johnson Grass

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													
<b>Total Acreage Infested</b>													

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								30
Soybeans								21
Grain Sorghum								
CRP								
Range/Pasture								1
Other Crops w/A								2
Fallow								
Non-Agricultural RR								
<b>Sub-Total of Private Lands</b>			6,400	X	57,600	=		8
County Lands								3
Township Lands								
State Lands								
Federal Lands								
City Gov. Lands								2
<b>Total Estimated Acreage</b>								

# NOXIOUS WEED SURVEY WORKSHEET - Survey for One Weed

Not Detected in this Survey

County: SMITH Year: 2021 Weed Surveyed: BUR Ragweed

Acreage Infested by Land Category	Month												TOTALS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
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														
<b>Total Acreage Infested</b>														

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

Private Lands	Total Acreage Found Infested	÷	Total Acreage Surveyed	X	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Wheat								
Corn								
Soybeans								
Grain Sorghum								
CRP								
Range/Pasture								
Other Crops								
Fallow								
Non-Agricultural								
<b>Sub-Total of Private Lands</b>								
County Lands								
Township Lands								
State Lands								
Federal Lands								
City Gov. Lands								
<b>Total Estimated Acreage</b>								1.7

# NOXIOUS WEED SURVEY WORKSHEET - Survey for One Weed

Not Detected in this Survey

County: SMITH

Year: 2021

Weed Surveyed: Canada Thistle

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

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								2
Corn								6
Soybeans								2
Grain Sorghum								3
CRP								12
Rangel/Pasture								14
Other Crops w/A								
Fallow								
Non-Agricultural								
<b>Sub-Total of Private Lands</b>								2
County Lands								
Township Lands								
State Lands								
Federal Lands								
City Gov. Lands								
<b>Total Estimated Acreage</b>								

# NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

Not Detected in this Survey

County: Smith

Year: 2021

Weed Surveyed: HORRY CRESS

HORRY CRESS

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													
<b>Total Acreage Infested</b>													

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								10
Corn								
Soybeans								
Grain Sorghum								
CRP								2
Range/Pasture								4
Other Crops w/R								
Fallow								
Non-Agricultural								
<b>Sub-Total of Private Lands</b>								3
County Lands								
Township Lands								2
State Lands								
Federal Lands								
City Gov. Lands								.5
<b>Total Estimated Acreage</b>								