

Annual Noxious Weed Management Plan for 2022

Mission Statement

The goal of the Trego County Noxious Weed Department is to control all noxious weeds within Trego County on both public and private land as in accordance with K.S.A. 2-13. It is also the goal of the department to provide effective vegetation management on right of ways to assist with proper road maintenance for Trego County.

Noxious Weed Control

I. The following Noxious Weeds have been found in Trego County:

- Field Bindweed (*Convolvulus arvensis*) –40,500 acres
- Musk Thistle (*Carduus nutans*) – 23,800 acres
- Johnsongrass (*Sorghum halepense*) – 600 acres
- Canada Thistle (*Cirsium arvense*) – 3,000 acres
- Bull Thistle (*Cirsium vulgare*) – 40,000 acres
- Sericea Lespedeza – 1,050 acres

II. Control Plan for:

A. County Roads/Right-of-Ways

1. Broadcast spray right-of-ways with pre-emergent as part of general vegetation management plan in early spring to control most of the unwanted vegetation.

2. Monitor Right-of-ways throughout the summer, particularly for any thistles or Johnsongrass, making sure to completely kill or dig out any plants found before the plants go to seed.

B. Cities

1. In towns/cities, if noxious weeds are present, the landowner or administrator will be notified of the infestation. They will perform an application in order to control the infestation.

2. Chemical will be made available to property owners to purchase in order to control noxious weeds.

C. KDOT/State

1. The Trego County Noxious Weed Dept. will handle noxious weed control and vegetation management for the Kansas Department of Transportation (KDOT) in accordance with the contract made between the state and Trego County.

2. The county weed department will monitor and treat interstate/highway ROWs both in the spring and summer for the state.

D. Railroad

1. The weed department will make applications to control noxious weeds (primarily bindweed and Johnsongrass) around intersections for the Union-Pacific Railroad.

E. Private Land

1. Inspections and monitoring of private lands will be done in conjunction with ROW spraying for the County.

2. Reports and sightings of any noxious weeds will be documented and investigated by the weed director. If noxious weeds are found, the landowner/tenant will be contacted and instructed on how to deal with noxious weeds found on their property.

3. Continue monitoring any areas where noxious weeds are known to be present in order to make sure steps are being made to manage them.

4. If noxious weeds are not controlled by landowner after the appropriate warnings have been given, legal action will be used.

5. The weed director will be available to make recommendations for treatment and the county will have chemicals available for landowners to purchase for noxious weed applications.

6. When applicable, look at other means to control noxious weeds and assist landowners in those processes (mechanical controls, prescription burning, if allowed by the County).

Vegetation Management

I. Control Plan for:

A. County Building/Property

1. The weed department will perform applications on different properties for the county including: courthouse, fairgrounds, Trego Manor, and the county fire station. Other properties may be added at the discretion of the County Board of Commissioners.

B. City of WaKeeney

1. Treatment and applications will be done as needed in coordination with the city administrator.

2. Other applications will be done at cost for the city or other organizations (WaKeeney racetrack, go-kart track, etc.) if requested.

C. County Roads/Right-of-Ways/Road and Bridge

1. The weed department will be responsible for vegetation management in the county ROW's. The weed department will work in coordination with the county Road and Bridge department in order to maintain ROW's and keep county roads safe and maintenance costs down.

2. Bare ground applications will be done for the Road and Bridge department around machine sheds, storage facilities, parking lots, rock/sand pits, and grader stations.

D. KDOT/State

1. The county weed department will spray two rest areas in the county for KDOT.

2. The county weed department will make bare ground applications as necessary to the KDOT property located at 215 S. 1st. in WaKeeney, Kansas.

Outreach and Logistics

I. Kansas Department of Agriculture Surveys

1. Starting as soon as vegetation can be correctly identified, the ten sections chosen by the KDA will be surveyed periodically throughout the growing season to ensure the accurate reporting of findings.

II. Personnel

1. Trego County will have the following positions filled for the Noxious Weed Department.

a. Full -Time Director (Department Head)

b. Full-Time Sprayer

c. Full-Time Office Manager (shared with the Road and Bridge Department and Sanitary Landfill)

III. Equipment

1. Vehicles and spraying equipment shall be repaired and maintained by department personnel when possible.

2. Improvements shall be made, when necessary, to existing equipment and facilities in order to increase efficiency and safety.

3. Each year, equipment will be inspected to determine whether replacement is needed.

IV. Chemical Inventory and Storage

1. Chemical storage facilities will be regularly inventoried to protect the public and county investments.
2. Chemical storage will be checked and evaluated daily to prevent damage, leaks, or any other possible hazards.
3. The chemical storage facility will be kept at a minimum of 55°F to prevent any freezing of chemicals.
4. Emergency Services will be notified of all potential hazards involved with the stored chemicals in the case of an emergency.

V. Training and Education

1. The weed director will attend all North Central District meetings possible throughout the year.
2. The weed director will attend the CWDAK Annual Conference.
3. All memberships, certificates, and registrations shall be maintained.
4. As many educational opportunities as possible will be attended by the weed director to make sure the department is up-to-date on all chemical, spray tech, and vegetation information.

VI. Public Outreach

1. Keep landowners and public informed on changes made to the state Noxious Weed Law and any chemical use changes.
2. Post notices and educational information periodically in the local newspaper.

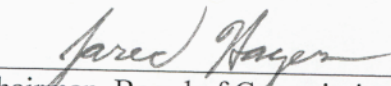
Noxious Weed Management Plan

2021

The following signatures certify that this document is the official Trego County Noxious Weed Management Plan (K.S.A. 2-1317). This document has been read in entirety and all parts have been approved by the County Board of Commissioners.

County Clerk/Administrator

Date



Chairman, Board of Commissioners

1/31/22

Date



County Commissioner

1-31-22

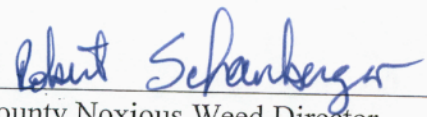
Date



County Commissioner

1/31/22

Date



County Noxious Weed Director

1-31-22

Date

List the facilities and equipment available for use in managing the noxious weeds in your county, including a list of the equipment available for rent to the public and the rent you charge.

1. Storage at 7th and Barclay for chemicals and equipment
2. Ram pickup 400 gallon sprayer unit
3. GMC pickup 1200 gallon sprayer unit
4. Yamaha 4 X 4 40 gallon sprayer unit
5. Kawasaki 4 wheeler 30 gallon sprayer unit
6. no rentals without personnel

Noxious Weed Department Employees

Name	Title	Years of service in the Nx Wd Dept.	# Jobs within the county
Rick (Chuck) Pfannenstiel	Sprayer	12	1
Jennifer Engel	Secretary	3	1

I certify that this is the official 2022 Management Plan of Trego County

Robert Schamberger, County Weed Director 1-31-22
Date

Jared Hager, County Commissioner 1/31/22
Date

[Signature], County Commissioner 1-31-22
Date

[Signature], County Commissioner 1/31/22
Date

Enforcement Summary

Warning Notices	0
Legal Notices	0
Court Cases	

Diversion Agreements	
Accounts to Tax Roll	
Meetings Sponsored	

Demonstration Plots	
Feed and Hay Inspection	
Publish General Notice	

Enforcement Comments:

We certify this is a correct copy of the Trego County Weed Department Program for 2020

We certify that Robert Schamberger is employed as Trego County Weed Department Director for 2021

James Hagan
Chairman, Board of County Commissioners

1/31/22
Date

County Commissioner

Date

[Signature]
County Commissioner

1-31-22
Date

County Commissioner

Date

[Signature]
County Commissioner

1/31/22
Date

Robert Schamberger
County Noxious Weed Director

1-31-22
Date

2022 Management Plan

For Trego County

County

Robert Schamberger

, County Weed Director

Specify the goals and priorities of the program for the coming year.

To spray with post and pre-emergents on entire 1100 miles of ROW roads at least once to make mowing in the fall easier (mow grass not weeds). To keep up on certifications and on-going education.

Specify the goals and priorities of the program for the next five years.

Less weeds in ROW so I can spend more time on surveys and complaints. To get farmers to understand the problem with non-compliance.

Describe the areas which noxious weed species are known to occur within the county and specific locations of new infestations and areas particularly susceptible to new infestations.

Field bindweed	All acres
Musk thistle	/ Bull thistle pastues and CRP
Sericea lespedeza	CRP- keep in contact with FSA officer who checks on grass from time to time
Johnsongrass	Try to find chemical that controls it better along roadsides
Bur ragweed	ROW
Canada thistle	pastures, CRP
Hoary cress	
Leafy spurge	
Quackgrass	
Kudzu	
Russian knapweed	

List any non-noxious invasive weed species you plan to control and the types of integrated weed control methods you plan on using on them.

Pharmites- Glyphosate (Rodeo, Aquatic)
Reed (noxious kind)

List your planned integrated weed management goals and procedures, including but not limited to biological control agent selection and distribution, pesticide selection and application and cultural and mechanical controls.

Biological Controls

none know to use in area that farmers would be compatible with.

Chemical Controls

pre and post emergent spraying

Cultural Controls

where Lespedeza is, have farmers graze in early spring then spray in summer to slow spread and/or eliminate then spring spray to stop its growth.

Mechanical Controls

mowing in fall with pre-emergent spraying behind to make next years weeds less.

Estimate the projected personnel, operations, and equipment costs of the proposed program.

Personnel costs

cost of living raises

Operations costs

increase chemical sales for noxious weed control

Equipment costs

possible spray pickup, transfer to a new facility

List the methods you plan to use to encourage compliance and the enforcement actions you will take if necessary.

Call landlords more often then ask them to meet me at the infected areas to observe the noxious weeds then get them to tell me how they are planning on stopping the spread of said noxious weed. Write-up/ thread/ attorney letter/ spray at their cost if no pay lien on property.

List your plans for working with state and/or federal agencies to control the noxious weeds on state and/or federal lands.

Keep in contact with KDOT and Fish and Game about roads and lake area. Ask if I need to assist in any way they would permit.

Describe your education and outreach plans for the coming year. Include training and professional development for yourself and your staff. (Attend District meetings? Annual Conference? Recertification?)

Atten 90% of district managers meetings, attend conference as travel is permitted, do Zoom classes to keep up on certifications, have staff attend when possible.

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

County: Trego
Noxious Weed Supervisor's Name: Robert Schamberger

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
Robert Schamberger	Noxious Weed Supervisor	100%
Ricky Pfannenstiel	Sprayer	100 %
Jennifer Engel	Office Manager	35%

Monthly salary of the Noxious Weed Director beginning January 1, 2022 \$ 2,905.00

FINANCIAL SUMMARY

BUDGET

Budget for 2021	\$192,772.00
Mil levy for 2021	1.614
County valuation for 2021	\$71,269,146.00

EXPENDITURES

Personnel services		\$66,059.80
Contractual services		\$16,480.24
Commodities		
Chemical purchases	\$88,962.60	
Other commodities		
Total Commodities		\$88,962.60
Capital outlay		
TOTAL EXPENDITURES		\$171,502.64

REVENUE

Budgeted carryover (2020 to 2021)		\$32,436.00
County appropriation (Tax funds & others)		\$122,978.81
Current reimbursements		
Chemical	\$76,541.10	
Equipment & Labor	\$0.00	
Other		
Total reimbursements		
Old accounts collected		
TOTAL REVENUE		\$199,519.91
Carryover to next year's budget (2021 to 2022)		\$21,269.36

CAPITAL OUTLAY FUND

Beginning Balance \$91,573.31

Receipts \$5,171.46

Expenditures Identify Purchases:

Ending Balance \$96,744.77

TOTAL ESTIMATED ACREAGE OF NOXIOUS WEEDS

	Private Lands	County Lands	Township Lands	State Lands	Federal Lands	City Gov. Lands	Total
Field Bindweed (FB)	35,628	1,698	2,735	425			40,522
Musk Thistle (MT)	23,000		824				23,824
Johnsongrass (JG)			60				60
Bur Ragweed (BR)							
Canada Thistle (CT)	3,000						3,000
Leafy Spurge (LS)							
Hoary Cress (HC)							
Sericea Lespedeza (SL)	1,046						1,046
Russian Knapweed (RK)							
Bull Thistle (BT)	40,600						40,600
TOTAL							109,052

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	5,000	5,204	5,000	5,270	1,280	10,128	2,000	666	5,974	40,522
MT						20,480			3,364	23,844
JG						40			20	60
BR										
CT						2,340			660	3,000
LS										
HC										
SL					1,000	46				1,046
RK										
BT										40,600
TOTAL										109,072

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

Multiflora Rose

Bull Thistle

Annual Noxious Weed Eradication Progress Report Treatment Summary

County: Trego

Year: 2021

Acres Treated							
Noxious Weed	Private	County	Township	State	Federal	City	Total
fireweed		533	533	534			1600
Tumble Weeds/Kochia							
Johnson Grass			60				60
Sericea Lespedeza	1,046						1,046
Bindweed	35,628	1,698	2,735	443			40,522
bull Thistle	40,600						40,600
Canada Thistle	3,000						3,000
musk thistle	23,000		824				23,844
Totals							110,672

Acres Treated on Private Land sub-section										
Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Totals										

HERBICIDE DISBURSEMENT SUMMARY

Chemical	Purchase Price	Cost Share Price	Total Disbursed in gal., #, oz., etc.
2,4-D Amine	\$10.40	\$10.60	358 gallons
2,4-D LV Ester	\$16.80	\$19.20	135 gallons
Aminopyralid [Milestone]	\$265.00	\$200.00	55 gallons
Dicamba [Banvel, Overdrive, etc.]	\$30.34	\$29.47	442 gallons
Glyphosate [Roundup, etc.]	\$16.48	\$9.84	26 gallons
Imazapic [Plateau, etc.]	\$98.89	\$98.89	14 gallons
Imazapyr [Arsenal, etc.]	\$160.00	\$160.00	24 gallons
Metsulfuron-methyl [Escort, etc.]	\$1.94	\$1.94	1188 oz.
Picloram [Grazon, Tordon, Outpost, etc.]	\$37.24	\$38.83	620 gallons
Sulfosulfuron [Outrider, etc.]			
Triclopyr [Remedy, etc.]	\$87.00	\$887.00	
Pasturegard (Triclopyr+Fluroxypyr)			
Surfactant	\$8.85	\$8.85	48 Quarts

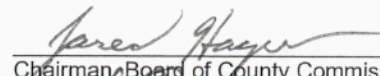
ENFORCEMENT SUMMARY

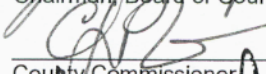
Warning Notices	4	Enforcement Comments: After legal notice treatment of locations were completed.
Legal Notices	2	
Court Cases		
Diversion Agreements		
Accounts to Tax Roll		
Meetings Sponsored		
Demonstration Plots		
Weed Free Forage Inspection		
Publish General Notice		

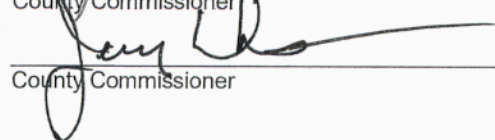
SIGNATURES

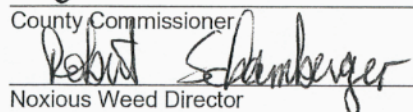
We certify this is a correct copy of the Trego County Noxious Weed Program for 2021.

We certify that Robert Schamberger is employed as Trego County Noxious Weed Director for 2022.


Chairman, Board of County Commissioners


County Commissioner


County Commissioner


Noxious Weed Director

1/31/22
Date

1-31-22
Date

1/31/22
Date

Date

1-31-22
Date

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

County: Trego Year: 2021 Weed Treated: _____

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices				2	1								
Legal Notices													
Court Cases													
Diversion Agreements													
Acreage Treated by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP			20	20	20	20	20	20	20	20			160
Range/Pasture			1200	1200	1200	400	200	80	80	80			4440
Other Crops													
Fallow													
Non-Agricultural													
County Lands			100	115	200	100		80	30				625
Township Lands			100	115	200	100	100	120	60	62			857
State Lands						100	100		40				240
Federal Lands													
City Gov. Lands													
Total Acreage Treated			1420	1450	1620	720	420	300	230	162			6322
Treatments with Approved Herbicides & Methods													
24D				320	240	320	180	90	100	85			
Dicamba				90	80	50	20	40	80	40			
Imazapyr				20	40		40	20	20				140
Glyphosate					20	20	10						50
Aminopyralid				20	20	20							60
metsulfuren			1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25			10
Total Acreage Treated			51.25	91.25	24.25	81.25	101.25	41.25	21.25	1.25			650

Picloram

50g

50g

16 oz.

40

50

20

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Trego Year: 2021 Weed Surveyed: bindweed, Johnson grass, musk, bull and Canada thistle, sericea lespedeza

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Acres Infested by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP			20	20	20	20	20	20	20	20			160
Range/Pasture			1200	1200	1200	400	200	80	80	80			4,440
Other Crops													
Fallow													
Non-Agricultural													
County Lands			100	115	200	100		80	30				625
Township Lands			100	115	200	100	100	120	60	62			857
State Lands						100	100		40				240
Federal Lands													
City Gov. Lands													
Total Acres Infested			1420	1,450	1,620	720	420	300	230	162			6,322

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		÷	6,222	X	576,000	=		
Wheat								
Corn								
Soybeans								
Grain Sorghum								
CRP	160							
Range/Pasture	4,440							
Other Crops								
Fallow								
Non-Agricultural								
Sub-Total of Private Lands	4,600							.01%
County Lands	625							
Township Lands	757							
State Lands	240							
Federal Lands								
City Gov. Lands	1,622				25 X 30			
Total Estimated Acreage								