

# 2022 Management Plan

For \_\_\_\_\_ County

\_\_\_\_\_, County Weed Director

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

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

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	
Musk thistle	
Sericea lespedeza	
Johnsongrass	
Bur ragweed	
Canada thistle	
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.

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

Chemical Controls

Cultural Controls

Mechanical Controls

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

Personnel costs

Operations costs

Equipment costs

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

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

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?)

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.

**EQUIPMENT**

The Dickinson County Noxious Weed Department currently employs and maintains 2 spray trucks (500 Gallon & 1000 Gallon) as well as a four wheeler equipped with a 25 gallon sprayers for county use (township spraying). Additionally, the Noxious Weed Department has two 200-Gallon Sprayers (mounted on trailers) available to rent at very low cost. (\$25.00/Day \$40.00/Weekend, \$100.00/Week)

**FACILITIES**

The Dickinson County Noxious Weed Department is located at 2363 Jeep Road, Abilene, KS. The office is conveniently located 1 mile south of I-70. Apart from major holidays, the department is open year-round to the public, M-F from 8 am – 5 pm. While chemical is only sold from March-December, our phone lines are always open to answer any questions, provide recommendations on chemicals, and to provide education on noxious weeds located within the county.

**PERSONNEL**

The Dickinson County Noxious Weed Department maintains a full staff year-round in efforts to answer all questions regarding the Kansas Noxious Weed Law and to provide education to the public on proper treatment and control. Currently, Noxious Weed staffing consists of the following:

- o Weed Director
- o Office Manager
- o Two Sprayer Operators
- o Seasonal Help – 1 (18yrs+ - during summer months, as needed)

Additionally, the Transfer Station's Scale Operator assists with loading and unloading of chemicals.

**Noxious Weed Department Employees**

Name	Title	Years of service in the Nx Wd Dept.	# Jobs within the county
Derek Norrick	Director	2	1 (4 Depts.)
Rona Kohman	Sprayer Operator/Clerk	25	1 (4 Depts.)
Steve Huff	Sprayer Operator/ HHW Atter	20	1 (4 Depts.)
Sarah Serbanich	Office Manager	1.5	1 (4 Depts.)

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



, County Weed Director

2-3-22

Date



, County Commissioner

2.3.22


Date



, County Commissioner

2.3.22

Date



, County Commissioner

3 February 2022

Date

# DICKINSON COUNTY

## 2022 NOXIOUS WEED MANAGEMENT PLAN SUPPLEMENTAL INFORMATION



**DICKINSON COUNTY  
NOXIOUS WEED DEPARTMENT  
2363 JEEP ROAD  
ABILENE, KS 67410**

# DICKINSON COUNTY NOXIOUS WEED MANAGEMENT PLAN

2023

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## **1. ROADSIDE TREATMENT PROGRAM**

### **County Roads**

There are approximately 315 miles of county roads in this county, which consists of 1910 acres to be sprayed. Of the 1910 acres approximately 5.7% are infested with noxious weeds.

Roughly 95 acres will need to be sprayed in the months of April and May, and again in September and October. Some of the paved roads will be chemically mowed and then monitored and sprayed for general weeds in the spring. The same applies to the gravel roads during the summer months.

Due to the lingering effects of the Coronavirus pandemic, the Dickinson County Noxious Weed Department was unable to accomplish its usual, vigorous spray schedule. County Road maintenance totals saw an increase of \$4,518.12 from 2020, with a total of \$11,736.78. This total is still drastically lower than the total of \$17,824.00 in 2019.

### **Township Roads**

Townships are contacted and agreements made to treat noxious weeds. The Dickinson County Commissioners have allotted each of the 24 Townships a \$2000.00 "credit" from the Noxious Weed Department. There are approximately 1,480 miles of road, which consist of 4,600 acres that need to be sprayed within the townships.

In 2021, roadsides in 23 of the 24 townships were sprayed by the Noxious Weed Department. One township elected to spray roadsides themselves with chemicals obtained with the county credit allotment. The total billing for the 2021 treatment was \$44,340.35 all of which was Township "credit".

The Noxious Weed Department also sprays trees in townships if time allows. There were scattered infestations of bindweed, musk thistle and johnsongrass. Townships that have johnsongrass are treated in late summer at no cost to the townships. *(see Appendix A for County Credit Allowance Application)*

## **2. RAILROADS**

### **Union Pacific and Southern Pacific**

The Union Pacific and Southern Pacific Railroads have a total of 58 miles of track in Dickinson County, which is approximately 1500 acres. The railroad will sometimes hire an aerial sprayer to spray the problem areas for noxious weeds. Weed Department personnel monitor the "lines" by digging and spot spraying problem areas and advising the railroad where to spray for musk thistle, bindweed and johnsongrass.

### **Santa Fe**

The Santa Fe Railroad has an estimated 44 miles of track, which equates to approximately 700 acres. The track right-of-way is spot checked periodically for enforcement of the noxious weed law.

### 3. **CITIES**

The Dickinson County Noxious Weed Department treats Johnsongrass in Enterprise, Herington and Solomon. Additionally, recommendations are given to all cities based on their individual noxious weed problems.

### 4. **PUBLIC LANDS**

Watersheds

Watershed dams are treated by the state, if the landowner hasn't already treated for musk thistle and bindweed. The county also offers treatment recommendations and furnishes chemicals to landowners for application.

### 5. **AGRICULTURAL LAND**

In regards to agricultural land located in Dickinson County, the Noxious Weed Department provides the following;

- Informational letters on noxious weeds and how to control them are sent to local land owners and operators. These letters along with current chemical prices are posted on the County web-site.
- A variety of approved chemicals are available for sale to land owners and operators at cost-share pricing. Chemical sales for 2021 are as follows:

2,4-D	3,889	Gal.	Other chemicals available include, but are not limited to, Remedy, Plateau and Premier 90(surfactant).
Dicamba	750.99	Gal.	
Escort XP	7,518.96	Oz.	
Glyphosate	104.19	Gal.	
Milestone	115.48	Gal.	
Pasturegard HL	29.5	Gal.	
Tordon 22K	710.09	Gal.	

- Weed identification and treatment recommendation including, when, how, and how much chemical to apply.
- Contact land owners or operators if complaints are received and/or observed during spot checks.

### 6. **FIELD BINDWEED**

- Infestation in 2021 estimated at 21,025 acres
- Advise landowners of chemicals available and best time for application.
- Suggest treatment over three successive years.
- Use a tank mix with Dicamba or Picloram.
- Treat continuous wheat after harvest with Picloram for three successive years

### 7. **JOHNSONGRASS**

- Infestation in 2021 estimated at 1,975 acres
- Encourage townships to treat to stop the spread of seeds to cropland.
- Advise farmers the chemicals to use for best control of johnsongrass in crops.

### 8. **MUSK THISTLE**

- Infestation in 2021 estimated at 12,100 acres
- Educate individuals on when to treat and suggest chemical(s) to use.
- Informational letters are sent to land owners and/ or operators if control is not



maintained. Letters are followed up with warning notices and when necessary, legal notices.

- Priorities
  - Complaints
  - Visible areas
  - Heavily infested areas
  - Previous problem areas
  - Education of fall treatment and/or early spring treatment
  - Encourage more fall treatment

## **9. SERICEA LESPEDEZA**

- Infestation in 2021 estimated at 4,550 acres.
- Education - In 2021, found an estimated 94 acres of infestations in CRP acres. Sent landowners with known infestation an informational letter advising them of ways to eradicate the weed with chemicals, or by haying early or breaking the ground out of grass. Contacted some landowners by phone.

## **10. OTHER NOXIOUS WEEDS**

- Hoary Cress infestation in 2021; estimated at less than half an acre
- Canada thistle or Russian Knapweed have not been found in the county for several years.

## **11. OTHER PROGRAMS**

In addition to selling and/or providing quality chemicals for agricultural use, the Dickinson County Noxious Weed Department is also responsible for the following;

- Treating general weeds and ground sterilization on county property
- Ground sterilization at the Fairgrounds.
- Spring treat community garden plots for weeds.
- Treat trees and brush in county ditches and right of ways
- Budget responsibility for mowing all county roads
- K.D.A. Survey- 10 sections are surveyed each year for noxious weeds
- Rental Spray Equipment – Provide and maintain equipment for public rental

## **12. FACILITIES**

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Additionally, the Transfer Station's Scale Operator assists with loading and unloading of chemicals.

**14. TRAINING AND MEETINGS**

1. District meetings
2. Annual conference
3. Meet with chemical representatives of various companies
4. Attend safety meetings

**15. APPENDIX A – COUNTY CREDIT ALLOWANCE APPLICATION**

COUNTY CREDIT ALLOWANCE APPLICATION						
Applicator	Township	Credit	Invoice Number	Invoice Date	Invoice Amount	Balance
S.H.	Banner	\$2,000.00	8675	07/28/2021	\$1,999.88	\$0.12
R.K.	Buckeye	\$2,000.00	8639	07/09/2021	\$1,998.38	\$1.62
R.K.	Center	\$2,000.00	8564	06/11/2021	\$1,999.91	\$0.09
S.H.	Cheever	\$2,000.00	8698	08/09/2021	\$1,999.69	\$0.31
S.H.	Flora	\$2,000.00	8699	08/09/2021	\$1,626.66	\$373.34
R.K.	Fragrant Hill	\$2,000.00	8640	07/09/2021	\$1,783.50	\$216.50
S.H.	Garfield	\$2,000.00	8667	07/26/2021	\$1,614.31	\$385.69
R.K.	Grant	\$2,000.00	8695	08/05/2021	\$1,240.50	\$9.50
N/A			8755	11/17/2021	\$750.00	
R.K.	Hayes	\$2,000.00	8697	08/09/2021	\$1,992.50	\$7.50
R.K., S.H.	Holland	\$2,000.00	8558	06/09/2021	\$1,999.98	\$0.02
S.H.	Hope	\$2,000.00	8666	07/26/2021	\$1,999.97	\$0.03
R.K., S.H.	Jefferson	\$2,000.00	8652	07/16/2021	\$1,998.50	\$1.50
S.H.	Liberty	\$2,000.00	8590	06/22/2021	\$1,998.32	\$1.68
R.K.	Lincoln	\$2,000.00	8738	09/21/2021	\$982.50	\$1,017.50
S.H.	Logan	\$2,000.00	8592	06/22/2021	\$1,940.25	\$59.75
N/A	Lyon	\$2,000.00	8385	03/30/2021	\$122.00	\$0.15
S.H.			8589	06/22/2021	\$1,877.85	
S.H.	Newbern	\$2,000.00	8637	07/09/2021	\$1,998.26	\$1.74
R.K., S.H.	Noble	\$2,000.00	8580	06/17/2021	\$1,377.50	\$622.50
N/A	Ridge	\$2,000.00	8440	05/05/2021	\$1,800.00	\$105.00
N/A			8756	11/18/2021	\$95.00	
S.H.	Rinehart	\$2,000.00	8638	07/09/2021	\$1,795.00	\$205.00
R.K., S.H.	Sherman	\$2,000.00	8701	08/09/2021	\$1,999.28	\$0.72
S.H.	Union	\$2,000.00	8591	06/22/2021	\$1,996.91	\$3.09
S.H.	Wheatland	\$2,000.00	8636	07/09/2021	\$1,999.90	\$0.10
S.H.	Willowdale	\$2,000.00	8734	08/05/2021	\$1,353.80	\$646.20
<b>TOTAL FUNDS ALLOCATED:</b>		\$48,000.00	<b>TOTAL FUNDS APPLIED:</b>		\$44,340.35	
** Line items marked N/A under the applicator column indicate that the township elected to purchase chemicals for noxious weed control with the credit as opposed to having the Noxious Weed Department spray.						