

@ 2023
~~2021~~ Management Plan

For Lyon County County
Amy Welch, County Weed Director

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

The goal of the Lyon County Noxious Weed Department is to curb the degradation of our valued environment by implementing an Integrated Weed Management Plan to stop the spread of noxious weeds. The management of weeds may seem overwhelming, but through developing partnerships at all levels local, district and state wide we hope that the likelihood of reaching our weed management goals will be high.

Goals and Objectives of the Lyon County Weed Management Plan

- A. Develop and implement a comprehensive noxious weed management program on all County-owned property.
- B. Educate the public concerning weed management issues.
- C. Foster a spirit of cooperation among state, local government agencies and private landowners.
- D. Work with other government agencies and departments to institute "Best Management Practices, and/or policies that stress prevention as a weed management tool.
- E. Promote and use integrated management techniques.
- F. Establish and maintain healthy plant communities with native or beneficial vegetation.
- G. Restore and maintain desirable plant communities, healthy ecosystems, and productive agricultural lands in Lyon County.
- H. Stop the spread of noxious weeds to UN-infested lands.
- I. Contain heavily weed-infested areas.

Priorities: Highly traveled, visible areas and areas adjacent to pastures, vacant lots, or waste areas

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

The 5 year goals are the same as the one year goals. To curb the degradation of our valued environment by implementing an Integrated Weed Management Plan to stop the spread of noxious weeds.

Prevention and detection
 Education
 Foster cooperation with all entities involved
 Promote the different techniques
 Establish healthy plant communities
 Do our best to stop/control the spread of noxious weeds to none infested areas
 Priorities: Highly traveled, visible areas and areas adjacent to pastures, vacant lots, or waste areas

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	rights-of-way(state and county), private pastures and crops, not really any new infestations just on-going, newly turned or worked, most likely the new wind farm.
Musk thistle	rights-of-way(state and county), private pastures, not really any new infestations just on-going
Sericea lespedeza	rights-of-way(state and county), private pastures, not really any new infestations just on-going
Johnsongrass	rights-of-way(state and county), private pastures and crops, not really any new infestations just on-going, newly turned or worked, most likely the new wind farm.
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

We do not use biological controls.

Chemical Controls

2,4-D, Picloram, Glyphosate, Imazapic, Metsulfuron methyl Following label directions and precautions for each weed labeled for.

Cultural Controls

We don't actively use this control. We encourage landowners to do so when possible.

Mechanical Controls

Work with Highway Dept and their mowing schedule
Musk thistle-Check previously treated areas and spot treat or hand dig escapes

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

Personnel costs	salaries&benefits \$146,500.01
Operations costs	fuel, chemical, supplies, misc costs \$270,883.82
Equipment costs	repair& maintenance, \$1119.74

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

We will post the General Notice to control noxious weeds in the Emporia gazette weekend edition late March.

Copies of the Kansas Noxious Weed Law are made available and dispersed when needed.

Using forms supplied by KDA:

2-1331. Notification of owner of lands infested with noxious weeds; inspection; initial general or official notice; subsequent legal notice.

2-1332. Notice of the costs of treatment; itemized statement, contents; filing with register of deeds and county clerk; payment plans; liens, payable on sale or transfer of ownership.

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

We will supply the chemicals needed for treatment of noxious weeds on state of Kansas rights-of-way in Lyon County at cost.

We will make ourselves available to answer any questions they might have.

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?)

Amy Welch- attend CWDAK March Conference and attend district meetings when possible

Guillermo Hinostraza- attend a recertification class

Rebecca Foraker- attend the Basic Weed School in March

We will post the General Notice to control noxious weeds in the Emporia gazette weekend edition late March.

Education must play a major role in implementing this weed management plan. Groups targeted for public education include the following: farmers and ranchers, homeowners associations, private citizens, developers, gardeners, landscapers, nurseries, public and private land management agencies, recreational users, youth groups, schools, oil and gas companies, pipelines, and other utilities. A partnership of the public and private sectors, along with awareness of what noxious weeds are and the problems they cause, is essential to maintain or create plant communities that are free of noxious weeds. Knowledge about how to identify weeds, how and where weeds are spread, and what it takes to manage weeds is needed. Opportunities for education may include: Distribution of informative printed material. Offering weed tours and talks to the public. Private applicator certification, applicator safety, and laws/regulations. Proper calibration of spraying equipment. Contacting area nurseries, landscapers to emphasize the problems created by escaped ornamental(s). Continued cooperation with local media to disseminate weed information. Custom weed management recommendations for individual landowners (Grape Growers)

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.

The Noxious Weed Department located at 3000 W South Ave, Emporia KS 66801
 2019 Ford Truck with 300 gallon sprayer with bumper boom and hand wand
 2011 Ford truck with 300 gallon sprayer with bumper boom and hand wand
 2011 John Deere Gator with 60 gallon hand sprayer and small bumper boom
 2015 Polaris 4 wheeler with 25 gallon hand sprayer

We don't supply rental equipment.

Noxious Weed Department Employees

Name	Title	Years of service in the Nx Wd Dept.	# Jobs within the county
Amy Welch	Director	21	1
Guillermo Hinostorza	Assistant	21	1
Rebecca Foraker	Administrative Secretary	3	1
Stephanie Alaniz	summer help	1	1

I certify that this is the official 2023 Management Plan of Lyon County

Amy Welch, County Weed Director 2/25/2022
Date

Rebecca Foraker, County Commissioner 3-10-22
Date

Doug Leach, County Commissioner 3/10/22
Date

Stephanie Alaniz, County Commissioner 3-10-2022
Date