

2022 Management Plan

For _____ CHEYENNE _____ County

_____, Michael Hanson _____, County Weed Director

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

Cheyenne County is dedicated in having the ability of providing the knowledge, services, and chemical cost shares available to control our noxious weeds and invasive species. We prioritize spot spraying noxious weeds in all the county right of ways and all county properties. As well as contracting with the KDOT right of ways. We also assist the City of St. Francis in spraying their highway frontage property and public rest area for control of noxious weeds. We also offer services to private landowners throughout the year. We will also utilize aerial application for large infestations where available.

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

My focus is to provide a vast range of control options to achieve control within reason. I will provide accurate information and knowledge for control of all noxious weeds. There are multiple approaches, factors, and methods from which to choose from but there is no "Just one way" to successfully control an infestation.

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	Located all throughout CRP, pastures, fields, right of ways, lawns, and gardens. There is approximately 80,000 ac of infestation currently in stated above areas. New locations can occur anywhere. Our main areas are road ditches, fields, lawns, and gardens.
Musk thistle	Located all throughout pastures, creeks, farmland, CRP, and the Republican River Basin. There is approximately 68,000 Ac of infestation currently in stated above areas. New areas of infestation can occur almost anywhere. Our main areas are along the Republican River, and Cherry Creek area, but can also be found within our city limits such as lawns, gardens, and playgrounds.
Sericea lespedeza	None currently in Cheyenne County.
Johnsongrass	Located in Pastures, CRP, farmland, lawns, flower beds, tree rows, railroad tracks, and along roadways. There are very few acres of infestation in stated above areas. New areas of infestation can occur if farmland is planted with Johnson Grass infested seeds, or feed is bought and transported to livestock. Our main areas are railroad and roadways right of ways.
Bur ragweed	Located all throughout farmland, lagoons, roadways, and irrigation ditches. There are approximately 40,000 Ac of infestation currently in stated above areas. New areas of infestation can occur in lagoons, irrigated areas, and all along roadways.
Canada thistle	Located all throughout pastures, creeks, farmland, CRP, and the Republican River Basin. There is approximately 28,000 Ac of infestation currently in stated above areas. New areas of infestation are occurring in farmland and riparian areas along the Republican River Basin and Cherry Creek.

Hoary cress	None currently in Cheyenne County.
Leafy spurge	None Currently in Cheyenne County.
Quack grass	None currently in Cheyenne County,
Kudzu	None currently in Cheyenne County.
Russian knapweed	None currently in Cheyenne County.

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.

I plan to help our road department with the control of joint grass along county right of ways. By using the appropriate control methods, including biological, chemical, cultural and mechanical. Keeping worker safety as the top priority.

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

I will work with landowners to use approved biological control methods as requested, if applicable.

Chemical Controls

I will implement proper pesticide selection and application for each plant species while following all label laws, proper PPE, and worker safety.

Cultural Controls

I will work with landowners to use approved cultural control methods as requested, if applicable.

Mechanical Controls

I will incorporate approved control through mowing, cultivation, hand cutting/hand digging where applicable.

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

Personnel costs	\$45,000
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Operations costs	\$15,000
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Equipment costs	\$8,000
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List the methods you plan to use to encourage compliance and the enforcement actions you will take if necessary.

Compliance is achieved with education, contact and communication, and site evaluations to encourage the landowners/tenants to take responsibility to control infestations along property borders. I also offer services to ground spray the areas and provide approved chemical cost share. I will also assist with evaluation and mapping for aerial spraying where applicable, if requested. When I have exhausted all avenues in which I can provide public service, I send the Warning to control Noxious Weeds by certified mail.

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

Cheyenne County enters a contract with the Kansas Department of Transportation (KDOT) to control all noxious weeds along state property within our county. I also periodically inspect Kansas Department of Wildlife and Parks walk in Hunt/Fish areas. If noxious weeds are found I contact the proper manager and let them take responsibility and action of control. I am also contacted by the USDA Conservation District to make inspections and fill out infestation and severity forms so they can manage their contracts.

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?)

Each year brings new challenges and continued education is important. The department takes advantage of the yearly conference, summer trainings, district meetings and other programs offered by K State to not only meet the requirements for application, but to be able to learn about problems and solutions other directors and producers are facing in their areas. We also rely on local agronomists and coops to learn about issues in the county that we are not aware of, and to assure landowners have the availability of chemicals. This valuable information helps to provide chemical selection and combat resistance. These opportunities allow us to learn about new technology and equipment to become more efficient and give ideas to be cost effective.

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.

2004 Ford F-350 W/ 500-gallon sprayer

2013 Echo 16' Trailer

2018 Ford F-350 W/ 300-gallon sprayer

2020 PJ 12' Trailer

2019 Yamaha Viking 700 Side x Side W/ 60-gallon sprayer

2017 Honda ATV W/ 25-gallon sprayer

2020 John Deere Gator W/ 60-gallon sprayer

4-gallon Backpack sprayer

Shared Quonset 40 x40 equipment and chemical storage area. 12x40ft. storage container.

No Rental equipment available.

Application available at \$50 per hour per operator + chemical per oz

Noxious Weed Department Employees			
Name	Title	Years of service in the Nx Wd Dept.	# Jobs within the county
Michael Hanson	Director	0	
Kelly Doyle	Office Manager	15	

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

W _____, County Weed Director 2-15-2022
Date

WJM _____, County Commissioner 2-15-2022
Date

[Signature] _____, County Commissioner 2-15-2022
Date

[Signature] _____, County Commissioner 2-15-2022
Date