

RECEIVED

APR 11 2022

2022 Management Plan

For Bourbon County
Plant Protection

Andy Johnson, County Weed Director

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

Update annual surveys and get an more accurate idea of the acreage for each noxious weed species within the County. Work with the public, in an effort to control/eradicate each type of weed infested areas such as: right-of-ways, highways, private lands, county lands and ditches. Utilize all tools/recourse which will help with this process, whether biological, chemical, cultural, or mechanical controls. Keep an adequate supply of chemicals on hand for public and county use to control each species of noxious weed.

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

Reduce/slow down the spread of each noxious weed with in the county. Continue to work with the public in the effort to reduce these infestations specifically with the cost and effectiveness of the treatment in mind. Take advantage of all internal and external resource the county has for the fight of noxious weeds, and share those resource with the public. Continual education in the effort to become a better resource for the public concerning chemical and treatment options. Have an annual public discussion to address questions and concerns, such as chemical sales, availability, proper technics, whom to inform if infestation is found on property or adjacent property, etc.

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	Small amount of County land (per 2013 report) Survey targeted areas for 2022 and keep watch for infestations in non survived areas. Report any new infestation, and treat area as needed w/ 2,4-D+Overdrive Milestone and escort in June. work on getting update infestation number (last survey 2013)
Musk thistle	Small amount of County land (per 2013 report) Survey targeted areas for 2022 and keep watch for infestations in non survived areas. Report any new infestation, and treat area as needed w/ 2,4-D+Escort or Milestone and Overdrive. work on getting update infestation number (last survey 2013)
Sericea lespedeza	Survey Targeted areas and non-surveyed areas to get an idea of the true infestation. Utilize graders, mowers, and others working throughout the county looking for large infestations. Work together with public to help treat and keep current infestation under control. Treat Roadside and right-of-ways both Spring and Fall with Remedy and Escort
Johnsongrass	Survey Targeted area for 2022 and non surveyed areas including Right of ways/Ditches. Target larger infested areas first in addition to high traffic roadways. Start treatment with Plateau/Outrider (or chemicals with same active component) Use tanks spray truck in an effort to cover as many mile as possible. Trying to treat every road over once.
Bur ragweed	Survey Targeted Areas for 2022 and Report any infestations (per 2013 reporting this noxious weed was not a problem in this area.) If new Infestation are found treat and report these areas.
Canada thistle	Survey Targeted Areas for 2022 and Report any infestations (per 2013 reporting this noxious weed was not a problem in this area.) If new Infestation are found treat and report these areas.
Hoary cress	A small amount of acreage was reported in 2013, Per report, area was treated and would continued to be watched. With that information, we will continue to report any infestation and treat area with best actions for this county.
Leafy spurge	Survey Targeted Areas for 2022 and Report any infestations (per 2013 reporting this noxious weed was not a problem in this area.) If new Infestation are found treat and report these areas.
Quackgrass	Survey Targeted Areas for 2022 and Report any infestations (per 2013 reporting this noxious weed was not a problem in this area.) If new Infestation are found treat and report these areas.
Kudzu	Survey Targeted Areas for 2022 and Report any infestations (per 2013 reporting this noxious weed was not a problem in this area.) If new Infestation are found treat and report these areas.
Russian knapweed	Survey Targeted Areas for 2022 and Report any infestations (per 2013 reporting this noxious weed was not a problem in this area.) If new Infestation are found treat and report these areas.

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.

Yellow Toadflax was reported within a small area that was previously missed by cultivation. There will be a continued watch and report on the progression of this species of weed.

There will be a continual partnership with Ranchers, Landowner's, and Ranch Hands to locate and identify other species of weed that they may need assistance in eradicating. (Non- Noxious)

There will be a partnership with other bordering County to see what other species, (non-Noxious) they may be dealing with and collaborate on different methods they have used to combat those species of weeds.

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

As of this time there are limited biological controls for the noxious weed we are dealing with in this county. There will be further education and research to look for updates and changes.
Biological control for the Musk Thistle is Weevil Bug: work with the KDA to see what types of impacts might aspire for this type of control for our area.

Chemical Controls

Work hand in hand with the Rancher, Farmers, and landowner's to use the proper chemicals to treat and reduce the spreading of each species of weeds. And to watch that a specie does not become herbicide resistant to a particular chemical treatment.

Cultural Controls

Work with the public on alternatives to control or eradicate the species of noxious weed. Inquire what types of practices have working in the past and pass that info on the public: Cultivation, pasture rotation, timing of crops

Mechanical Controls

Work with property owners/Land Lessees to make sure their equipment has been properly cleaned before moving from known infested areas.
Have County Mowers clean equipment off before leaving worked areas to prevent infesting ditches that were previously not infested or areas that have been treated.

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

Personnel costs	One person operation at this time, Personnel cost are kept to consistent annual pay no change at this time
Operations costs	With the Cost of chemical ever increasing, there was talk of trying to increase year round storage with the effort purchase chemicals at a discounted prices with allowed funds.
Equipment costs	Ending the previous year with the Equipment in good working order, there is no foreseen change in regular maintenance and up keep of the current equipment: Tanked Spray truck, JD gator with compact sprayer on the back, and backpack sprayers

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

Sericea Lespedeza and Musk Thistle are the two main enforcement concerns. Will handle concerns/complaints on a case by case matter; Always trying to keep a working relationship with the Landowner and/or concerned party. And bring the issue within compliance with out legal actions. If violation continues, and no attempts has been made to work with all parties, in a timely fashion, a legal action might be taken. This with be handled with collaboration with the proper legal departments.

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

We do not take care of State Highways contract due to time/labor constraints. Will try to survey state highways and share the finding with appropriate state personal. Always have open communicate of their treatment plan, and help facilitate that plan in any way we can.

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?)


Attend district meeting as often as possible
Attend the annual Conference
Look for and attend any addition training and educational opportunities as they arise
Keep CWDAK memberships up to date
Remain Current on all Regulations of various agencies

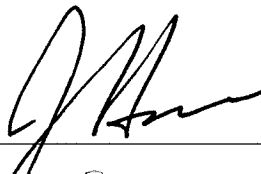
List the facilities and equipment available for use in managing the noxious weeds in your county, including a list of the equipment available for rent to the public and the rent you charge.


2009 4WD Chevy 1 Ton Gas, Purchased in Feb. 2009
 John Bean MDL 2020 (300 Gallon sprayer), Purchased in 1996
 2021 New Engine For Spray truck (full replacement)
 25 Gallon Electric Tank Sprayer
 2015 John Deere Gator
 Office Computer (2021?)
 Apple iPhone 6s W/ Battery Case
 Do maintenance on office building as needed and budget allows

Noxious Weed Department Employees			
Name	Title	Years of service in the Nx Wd Dept.	# Jobs within the county
Andy Johnson	Noxious Weed Director	< 1 Yr	5

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

 _____, County Weed Director 3/4/2022
 Date

 _____, County Commissioner 3/8/22
 Date

 _____, County Commissioner 3/8/22
 Date

 _____, County Commissioner 3/8/22
 Date