

# 2022 Management Plan

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

David Hoopes \_\_\_\_\_, County Weed Director

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

Treat Johnson Grass twice at least in areas of county where infestations are greatest trying to eradicate is in those areas then treat rest of the county as I can.

Talk to more landowners/tenants about their noxious weed problems

Inform landowners with Sericea Lespedeza problems from seed in '80's CRP planted acres that Soil Conservation Service has a program that might help them treat it

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

Concentrate on different areas instead of treating entire county and not making any progress anywhere. When done with one area, move to different area

Find new herbicides with different mode of action for noxious weeds if available before weeds become too resistant to present herbicides being used

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	Sporadic entire county. Heavier in eastern part of county
Musk thistle	Sporadic entire county. Heavier in southern 1/3 part of county
Sericea lespedeza	Sporadic entire county. Biggest problem is in '80's CRP planted grass seed
Johnsongrass	Sporadic entire county. Southern 1/2 heavy with southeast part being heaviest
Bur ragweed	Not identified in Harper County
Canada thistle	Not identified in Harper County
Hoary cress	Not identified in Harper County
Leafy spurge	Not identified in Harper County
Quackgrass	Not identified in Harper County
Kudzu	Not identified in Harper County
Russian knapweed	Not identified in Harper County Is a past file in file box

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.

Poison Hemlock. 60 years ago I saw very little of this plant. Now it is seen in a lot of areas. I have it in my shelter belt in my yard. Label says Melsulfuron (Escort XP) at 2oz/acre will treat it along with 2 4 - D (Freelexx) while treating surrounding weeds

Volunteer trees in right of ways. Aminopyraid (Milestone) at 7oz/acre as to the label seems to be effective on trees but being careful not to injure surrounding desired trees. Tank mix could also include 1.5oz/acre Melsulfuron (Escort XP)

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

Must Thistle head weavils of some kind seems to be in the Musk Thistles heads in southern part of county that is effective on the plants. They seem to be a benefit on control

Chemical Controls

Apply the correct herbicides at correct label rate to each noxious weed and at best time for best control

Cultural Controls

Encourage landowners/tenants to control noxious weeds with timely cultivation to control noxious weeds in their fields when using conventional tillage.

Mechanical Controls

Need more mowing of road right of ways. Landowners/tenants mowing of waterways etc.

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

Personnel costs	\$50,000
Operations costs	\$30,000
Equipment costs	\$10,000

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

Personal visits with local landowners/tenants seem to be the most effective. More effective than letters. It was with me in past. Can discuss the problem and methods of treatments. Can find out what their plans are to control etc. Inform them of programs and herbicide cost share sales. Give them lots of information on the weeds they need to control. Letters and information need to be sent to landowners outside of county.

Educate people more on *Sericea Lespedeza*. They all seem to know about Must Thistle, Bindweed and Johnson Grass but not much about *Sericea Lespedeza*. How to identify it. Methods of treating it

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

State highway right of ways in Harper County are getting out of control mostly with Johnson Grass due to not treating right of ways in past years. Harper County Noxious Weed Department does not have the equipment, employees or budget to take care of it. We have sold them some herbicides in past. Needs to be taken care of by KDOT

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?)

I have been spraying pesticides on the farm for 50 +/- years. Have had a private applicators license for 15 - 20 years. Will attend District meetings, annual conferences and zoom meetings when able to. Read many herbicide and weed related articles in my farm magazines

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.

Have heated building/shop to store herbicides and spray equipment.

Locked chemical room to secure herbicides.

2 spray trucks with 750 gallon spray systems for spraying county road right of ways

300 gallon spray system on skids came off of 2015 Dodge pickup that the 2015 Dodge pickup went to county bridge dept last year. Unknown the use of this spray system now.

Trailer with 200 gallon spray system with hand sprayer also with 2 boom buster spray nozzles. We rent it for \$25 a day.

Mid '80's Yamaha Moto 4X4 with 25 gallon spray system for spot spraying

Noxious Weed Department Employees

Name	Title	Years of service in the Nx Wd Dept.	# Jobs within the county
David Hoopes	Director	4	1

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

David Hoopes, County Weed Director 3-7-2022  
Date

Brian Waldschmidt, County Commissioner 3/7/2022  
Date

Jerry S, County Commissioner 3-7-2022  
Date

Jim Vornay, County Commissioner 3-7-22  
Date