

SEWARD COUNTY NOXIOUS WEED DEPT. *
 SEWARD COUNTY
 11920 Rd 7
 Liberal, KS 67901
 (620)626-3363

ANNUAL NOXIOUS WEED PLAN 2022

In Seward County the three prevalent noxious weeds are field Bindweed, Johnson Grass and Burr Ragweed. A small amount of Canadian Thistle can still be found along the Cimarron River. Musk Thistle is scattered through the CRP Grasses that were planted in 1998. Sericea Lespedeza is scattered throughout the county in CRP.

Estimated acreage infested, spraying times and chemical used are as follows.

FIELD BINDWEED:	Acres
County Lands	35
City Gov. Lands	325
Private lands	33,461
State Lands	35
Federal Lands	<u>115</u>
Estimated Total Acreage of Field Bindweed	33,971

Spraying time for Bindweed is from April through the first hard freeze. Chemicals used are Tordon 22K and Plateau. On roadside, utility, state and county roadside one pint of Tordon plus 8oz Plateau per acre is used early and late in the growing season. Tordon 22K plus 32oz Glyphosate per acre will be used during the growing season due to the Soybeans and Cotton grown in the county. Recommended treatment on cultivated land is one pint Tordon 22K and/or 32 oz Glyphosate.

JOHNSON GRASS:	Acres
County Lands	26
City Gov. Lands	50
Private land	2,331
State Lands	0
Federal Lands	<u>17</u>
Estimated Total Acreage of Johnson Grass	2424

Spraying time is from May through November. Johnson grass is sprayed with 32 oz of Glyphosate per acre or 12 oz of Plateau per acre.

BUR RAGWEED:	Acres
County Lands	60
City Gov. Lands	0
Private Lands	810
State Lands	5
Federal Lands	<u>0</u>
Estimated Total Acreage of Burr Ragweed	847

Chemical treatments for Burr Ragweed: one pint Tordon and/or 32 oz. Glyphosate per acre.

MUSK THISTLE:	Acres
Pasture/Rangeland/Ditches	<u>25</u>
Estimated Total Acreage	25

Upon inspection of the county, multiple small infestations were found in CRP grass and in road ditches in 2013. Chemical treatment for Musk Thistle is Tordon or Escort, depending on what time of year it is found.

SERICA LESPEDEZA	Acres
Private Land	<u>350</u>
Estimated Total Acreage of Sericea Lespedeza	350

Spraying time is from July through September. Chemical treatment for Sericea Lespedeza is Remedy at 2 pints to the acre or Escort at 1oz. per acre. Apply to actively growing plants that are not stressed by drought.

CONTRACTS:

Contracts with KDOT and the City of Liberal to treat noxious weeds. Spraying of County Roads with pre emergence was started in Feb. The Road and Bridge Dept. buy their own chemicals. Labor and vehicles are furnished by the Weed Department.

SURVEY:

The annual survey will be completed. Aerial photos of the section can be made available.

FACILITIES AND EQUIPMENT:

In January all vehicles were checked and revamped. Each vehicle is serviced every 5,000 miles. Vehicles are washed and waxed regularly.

The chemical storage area is kept clean. Inspection of the building is made annually. If any infractions are found, they are corrected immediately.

SAFETY:

Each vehicle is equipped with safety equipment as specified by the EPA. Each employee receives training in safety. Safety equipment included are rubber gloves, coveralls, water proof boots, eye protections, face masks, etc.

TRAINING AND PROFESSIONAL DEVELOPMENT:

Every district meeting as well as special conferences held by various Agriculture Chemical Companies will be attended by the weed director.

OUTREACH:

Meetings with farmers on a one to one basis are held through the year. Once a month a meeting is held with the County Commissioners or a liaison officer. Meetings are held with the City Manager to discuss spraying the City Airport and the bypass for noxious weeds.

Marijuana is sprayed when the Seward County Sheriff Department requests it.

In April, the County Fairgrounds and stock pens will be sprayed.

One weed truck runs daily, weather permitting, looking for infestations of noxious weeds. New weeds are identified and destroyed. County maps are prepared showing troubled spots and special attention is paid to them. County maps are in each truck and sprayed areas are marked daily. When elevator operators call, feed and grains are inspected. Probes used for the grain or feeds are checked for weeds and seeds.

PERSONNEL:

The Seward County Weed Department employs a weed director and a part time secretary. Chemical sales are made both in the field and in the office.

BUDGET:

Total chemical expenditure budgeted by the County in 2021 was **\$77,000.00**. Our 2022 budget for chemicals is **\$77,000.00**

Chemicals purchased and cost for 2021 are as follows.

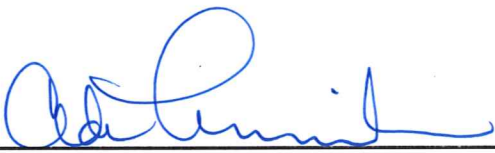
Glyphosate	\$ 18,565.20
Tordon 22k-Picloram	\$ 27,538.20
Panoramic-Imazapic	\$ 5,363.40
Dicamba	\$ 709.00
Oust XP-Sulfometuron	\$ 576.00
2,4-D LV 6#	\$ 2,685.60
Diuron	\$ 6,800.00
Vista XRT-Fluroxpyr	\$ 5,998.50
Vessel-Dimethylamine	\$ 460.00
Krovar IDF-Diron-Bromacil	\$ 3,152.16
Escort XP-Metsufuron	\$ 136.32
Tebimethuron	\$ 2,646.48
Barricade 4FL	\$ 1,430.00
TOTAL	\$ 76,060.86

Carry over inventory	\$13,028.82
Collections for Sales and treatment 2020	\$ 704.05
Sales and treatment receipts for 2021	\$ 70,025.03
Total sales 2021	\$ 70,729.08

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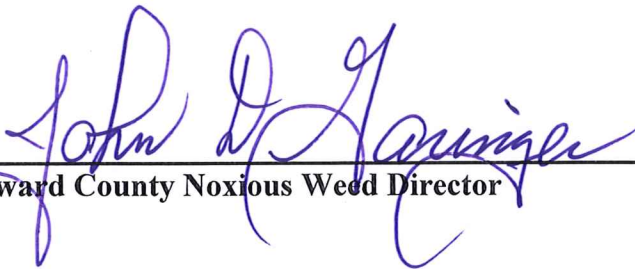
2022 ANNUAL NOXIOUS WEED MANAGEMENT PLAN

We certify that this a correct copy of the 2022
County Annual Noxious Weed Management Plan
As required by K.S.A. 2-1317 and due on Feb. 15, 2022



Chairman, Board of County Commissioners

3/7/22
Date



Seward County Noxious Weed Director

3/8/22
Date