

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT 2021; as required by KSA 2-1316.

County: Ford
Noxious Weed Supervisor's Name: David Nichols

Instructions: Complete and sign form. Submit a copy to Kansas Department of Agriculture by **March 15, 2022**.

NOXIOUS WEED DEPARTMENT PERSONNEL

Name	Job Title	% Time Spent on Noxious Weeds
David Nichols	Director/	90
Caleb Rhoades	Chemical Applicator	90
Daniel Herman	Chemical Applicator	90
Gary Cummins	Chemical Sales/HHW	50
Stephanie Birney	Secretary/Weed/HHW/Road and Bridge	50
Uriel Bermudez	Mower Operator	90

Monthly salary of the Noxious Weed Director beginning January 1, 2021 \$ [REDACTED]

FINANCIAL SUMMARY

BUDGET

Budget for 2021	1,057,965
Mil levy for 2021	1.501
County valuation for 2021	324,087,798

EXPENDITURES

Personnel services		\$199,120.68
Contractual services		\$79,284.25
Commodities		
Chemical purchases	\$226,248.80	
Other commodities	\$52,739.46	
Total Commodities		\$287,194.69
Capital outlay		\$0
TOTAL EXPENDITURES		\$565,599.62

REVENUE

Budgeted carryover (2020 to 2021)		\$743,568.98
County appropriation (Tax funds & others)		\$546,549.41
Current reimbursements		
Chemical	\$213,267.65	
Equipment & Labor	\$31,003.46	
Other	\$314.77	
Total reimbursements		\$244,585.88
Old accounts collected		0
TOTAL REVENUE		\$1,534,704.27

Carryover to next year's budget (2021 to 2022) \$966,978.43

CAPITAL OUTLAY FUND

Beginning Balance \$330,000.00

Receipts \$0

Expenditures

Identify Purchases:

Install Tube Heater 2 nd Bay – Weber Refrigeration	\$4,773.00
511R John Deere with Powerguard – American Implement	\$59,502.48

Ending Balance **\$265,724.52**

TOTAL ESTIMATED ACREAGE OF NOXIOUS WEEDS

	Private Lands	County Lands	Township Lands	State Lands	Federal Lands	City Gov. Lands	Total
Field Bindweed (FB)	46000.0	40.0	100.0	200.0	500.0	100.0	46940.0
Musk Thistle (MT)	2902.0	0.1	5.0	1.0	5.0	3.0	2916.1
Johnsongrass (JG)	950.0	20.0	200.0	1000.0	10.0	10.0	2190.0
Bur Ragweed (BR)	90.0	0.0	5.0	2.5	0	0	97.5
Canada Thistle (CT)	0	0	0	0.1	0	0	0.1
Leafy Spurge (LS)	0	0	0	0	0	0	0
Hoary Cress (HC)	0	0	0	0.1	0	0	0.1
Sericea Lespedeza (SL)	0	0	0	0	0	0	0
Russian Knapweed (RK)	0	0	0	0	0	0	0
TOTAL	49942.0	60.1	310.0	1203.7	515.0	113.0	52143.8

ESTIMATED ACREAGE OF NOXIOUS WEEDS ON PRIVATE LANDS SUB-SECTION

	Wheat	Corn	Soybean	Grain Sorghum	CRP	Range Pasture	Other Crops	Fallow	Non-Ag.	Total
FB	10000.0	2000.0	0.0	1500.0	500.0	10000.0	1000.0	20000.0	1000.0	46000.0
MT	2.0	0.0	0.0	0.0	200.0	2500.0	100.0	0.0	100.0	2902.0
JG	250.0	150.0	0.0	75.0	100.0	250.0	50.0	25.0	50.0	950.0
BR	10.0	0.0	0.0	0.0	10.0	20.0	50.0	0.0	0.0	90.0
CT	0	0	0	0	0	0	0	0	0	0
LS	0	0	0	0	0	0	0	0	0	0
HC	0	0	0	0	0	0	0	0	0	0
SL	0	0	0	0	0	0	0	0	0	0
RK	0	0	0	0	0	0	0	0	0	0
TOTAL	10262.0	2150.0	0.0	1575.0	810.0	12770.0	1200.0	20025.0	1150.0	49942.0

Please check the county-option weeds declared noxious in your county:

Multiflora Rose Bull Thistle

Annual Noxious Weed Eradication Progress Report Treatment Summary

County: Ford

Year: 2021

Acres Treated										
Noxious Weed	Private	County	Township	State	Federal	City	Total			
Bull Thistle	0	5	0	0	0	0	5			
Canada Thistle	0	0	0	0	0	0	0			
Field Bindweed	31594.5	813.7	2020	133.3	0	40	34601.5			
Hoary Cress	0	0	0	0	0	0	0			
Johnsongrass	0	26.8	0	5.6	0	0	32.4			
Musk Thistle	2051.5	29.5	1	240.5	0	0	2322.5			
Vegetation Mgmt	0	8	0	0	0	0	8			
Totals	33646	883	2021	379.4	0	40	36969.4			

Acres Treated on Private Land sub-section										
Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Bull Thistle	0	0	0	0	0	0	0	0	0	0
Canada Thistle	0	0	0	0	0	0	0	0	0	0
Field Bindweed	0	0	0	0	0	1034	0	30156.5	228	31466.5
Hoary Cress	0	0	0	0	0	0	0	0	0	0
Johnsongrass	0	0	0	0	0	0	0	0	0	0
Musk Thistle	0	0	0	0	0	1931.5	0	0	0	1931.5
Vegetation Mgmt	0	0	0	0	0	0	0	0	0	0
Totals	0	0	0	0	0	2965.5	0	30156.5	0	33398

HERBICIDE DISBURSEMENT SUMMARY

Chemical	Purchase Price	Cost Share Price	Total Disbursed in gal., #, oz., etc.
2,4-D Amine (2x2.5 Containers)	\$9.70	\$9.70	530.0 Gal
2,4-D Amine (2x2.5 Containers)	\$11.68	\$11.68	227.50 Gal
2,4-D Amine (Bulk Shuttle)	\$11.39	\$12.39	22.50 Gal
2,4-D Amine (Bulk Shuttle)	\$16.49	\$17.49	488.26 Gal
2,4-D LV Ester (2x2.5 Containers)	\$23.00	\$23.00	1572.5 Gal
2,4-D LV Ester (2x2.5 Containers)	\$14.89	\$14.89	360.0 Gal
2,4-D LV Ester (2x2.5 Containers)	\$15.19	\$15.19	100.0 Gal
2,4-D LV Ester (2x2.5 Containers)	\$24.00	\$24.00	327.50 Gal
2,4-D LV Ester (2x2.5 Containers)	\$15.19	\$15.19	20.0 Gal
2,4-D LV Ester (30 Gal Containers)	\$14.45	\$14.45	330.0 Gal
2,4-D LV Ester (30 Gal Containers)	\$23.50	\$23.50	780.0 Gal
Aminopyralid [<i>Milestone</i>] (1 Qt)	\$66.25	\$66.25	3.00 Qt
Aminopyralid [<i>Milestone</i>] (2x2.5 contain/chrg oz)	\$2.16	\$2.16	122.50 Oz
Aminopyralid [<i>Chaparral</i>]	\$85.50	\$85.50	16.25 LB
Bromacil Diuron	\$99.40	\$99.40	4.0 Gal
Dicamba DMA Salt [<i>Banvel, Overdrive, etc.</i>]	\$31.86	\$31.86	140.0 Gal
Dicamba	\$34.00	\$34.00	685.0 Gal
Dicamba	\$28.89	\$28.89	189.25 Gal
Dicamba	\$28.38	\$28.38	689.56 Gal
Dicamba (Dimethylamine Salt of Dicamba)	\$28.39	\$28.39	720.0 Gal
Fluroxypyr	\$102.30	\$102.30	15.0 Gal
Glyphosate [<i>Roundup, etc.</i>]	\$14.95	\$14.95	350.50 Gal
Glyphosate [<i>Roundup, etc.</i>]	\$9.89	\$9.89	142.50 Gal
Glyphosate [<i>Roundup, etc.</i>]	\$19.00	\$19.00	340.0 Gal
Imazapic [<i>Plateau, etc.</i>]	\$0.98	\$0.98	428.40 Oz
Metsulfuron-methyl [<i>Escort, etc.</i>]	\$2.69	\$2.69	66.0 Oz
Picloram [<i>Grazon, Tordon, Outpost, etc.</i>]	\$37.58	\$37.58	93.50 Gal
Picloram [<i>Grazon, Tordon, Outpost, etc.</i>]	\$36.24	\$36.24	499.16 Gal
Picloram [<i>Grazon, Tordon, Outpost, etc.</i>]	\$38.83	\$38.83	394.81 Gal
Prodiamine	\$76.00	\$76.00	5.0 Gal

ENFORCEMENT SUMMARY

Warning Notices	0	Enforcement Comments:
Legal Notices	0	
Court Cases	0	
Diversion Agreements	0	
Accounts to Tax Roll	0	
Meetings Sponsored	0	
Demonstration Plots	0	
Weed Free Forage Inspection	0	
Publish General Notice	0	

SIGNATURES

We certify this is a correct copy of the Ford County Noxious Weed Program for 2021.


We certify that David Nichols is employed as the Ford County Noxious Weed Director for 2022.



Chairman Board of County Commissioners

3/22/22

Date



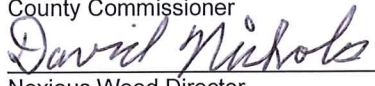
County Commissioner

3/22/22

Date

County Commissioner

Date

County Commissioner


Noxious Weed Director

Date
3/23/22

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT – Treatment Summary for One Weed

County: **Ford** Year: **2021** Weed Treated: **Field Bindweed**

Enforcement	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	Warning Notices												
Legal Notices													0
Court Cases													0
Diversion Agreements													0
Acreage Treated by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture				148.0	240.0	360.0	266.0	10.0					1024.0
Other Crops					128.0								128.0
Fallow				5602.0	4139.3	2569.4	8390.7	2289.1	2448.0				29566.5
Non-Agricultural						98.0	28.0	60.0					186.0
County Lands				243.7	110.0	56.0	198.0	190.0	16.0				813.70
Township Lands				558.0	10.0	766.0	501.0	75.0	20.0				2020.0
State Lands							83.3	50.0					133.3
Federal Lands													
City Gov. Lands						40							
Total Acreage Treated				6551.7	4627.3	3889.4	9467.0	2674.1	2484.0				33911.5
Treatments with Approved Herbicides & Methods													
2-4D Amine or LV Ester					610.0	610.0	980.0	1220.0	880.0	600.0			4900.0
Dicamba				1300.0	200.0	380.0	2400.0		800.0	2000.0			7080.0
Dicamba + 2,4-D				3761.7	1920.0	760.0	1770.0	555.0	240.0	760.0			9766.7
Dicamba + Glyphosate					315.3	209.4	150.6	207.1					882.4
Dicamba + Tordon				80.0		320.0	1920.1						2320.1
Escort					16.0								16.0
Fluroxypyr							120.0						120.0
Glyphosate				740.0		440.0	100.0	100.0					1380.0
Glyphosate + 2,4-D				80.0	160.0	340.0	370.0	192.0	368.0				1510.0
Hyvar						8.0	8.0						16.0
Tordon					1184.0		96.0						2048.0
Tordon + 2,4-D				960.0	222.0	922.0	1602.3	450.0	196.0				4442.3
Tordon + Glyphosate						120.0							120.0
Total Acreage Treated				6921.7	4627.3	4109.4	9517.0	2724.1	2484.0				34601.5

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Ford Year: 2021 Weed Surveyed: Field Bindweed

Acreage Infested by Land Category	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Private Lands													
Wheat							10.585			5			15.585
Corn										7.6			7.6
Soybeans													0
Grain Sorghum										6.5			6.5
CRP											4		4
Range/Pasture													0.56
Other Crops							12.37						16.37
Fallow							0.2						0.2
Non-Agricultural							7.835			1.5			9.335
County Lands							0.69			5.1			5.79
Township Lands							0.111						0.112
State Lands							0.098			0.12			.218
Federal Lands													0
City Gov. Lands							0.013			1			1.013
Total Acreage Infested							32.462			30.821			63.283

Worksheet to Calculate Estimated Acreage of a Noxious Weed In a County:

	Total Acreage Found Infested	÷	Total Acreage Surveyed	X	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat	15.585						1687.856	10000.0
Corn	7.6						823.08	2000.0
Soybeans	0.0						0	0.0
Grain Sorghum	6.5						703.95	1500.0
CRP	0.56						60.648	500.0
Range/Pasture	16.37						1772.871	10000.0
Other Crops	0.2						21.66	1000.0
Fallow	9.335		6400		693120		1010.981	20000.0
Non-Agricultural	5.8						627.057	1000.0
Sub-Total of Private Lands	61.94						6708.10	
County Lands	0.1						12.13	40.0
Township Lands	0.2						23.61	100.0
State Lands	0.0						0	200.0
Federal Lands	1.0						110	500.00
City Gov. Lands	0.0						0	100.0
Total Estimated Acreage							6853.55	46940.0

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Ford Year: 2021 Weed Surveyed: Johnsongrass

Acreage Infested by Land Category	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Private Lands													
Wheat													
Corn									1.05				1.05
Soybeans													
Grain Sorghum									0.5				0.6
CRP													0.1
Range/Pasture													
Other Crops									0.02				0.02
Fallow									0.01				0.01
Non-Agricultural													
County Lands									0.113				0.113
Township Lands									0.045				0.045
State Lands									0.002	0.125			0.127
Federal Lands									0.001				0.001
City Gov. Lands									0.001				0.001
Total Acreage Infested							0.392			1.675			2.067

Worksheet to Calculate Estimated Acreage of a Noxious Weed in a County:

	Total Acreage Found Infested	÷	Total Acreage Surveyed	X	Total Acreage of County	=	Estimated Acreage Infested	Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands								
Wheat	0.0						0.0	250.0
Corn	1.05						113.715	150.0
Soybeans	0.0						0.0	0.0
Grain Sorghum	0.6						64.98	75.0
CRP	0.1						10.83	100.0
Range/Pasture	0.0						0.0	250.0
Other Crops	0.02						2.166	50.0
Fallow	0.01						1.083	25.0
Non-Agricultural	0.0						0.0	50.0
Sub-Total of Private Lands	1.78						192.774	
County Lands	0.113						12.238	20.0
Township Lands	0.045						4.874	200.0
State Lands	0.127						13.754	1000.0
Federal Lands	0.001						0.108	10.0
City Gov. Lands	0.001						0.110	10.0
Total Estimated Acreage							223.858	2190.0

ANNUAL NOXIOUS WEED ERADICATION PROGRESS REPORT – Treatment Summary for One Weed

County: **Ford** Year: **2021** Weed Treated: **Musk Thistle**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Enforcement													
Warning Notices													0
Legal Notices													0
Court Cases													0
Diversion Agreements													0
Acreage Treated by Land Category													
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP													
Range/Pasture			90.0	884.2	505.3	276.0	80.0						1931.5
Other Crops													
Fallow													
Non-Agricultural					120.0								120.0
County Lands					23.5	6.0							29.5
Township Lands					1.0								1.0
State Lands			240.0				0.5						240.5
Federal Lands													
City Gov. Lands													
Total Acreage Treated			330.0	884.2	649.8	282.0	80.5						2322.5
Treatments with Approved Herbicides & Methods													
2,4-D Amine + Milestone			240.0			1.5							241.5
2,4-D Amine						20.0	80.0						100.0
Chaparal										96.0			96.0
Glyphosate			90.0										90.0
Glyphosate + 2,4-D				24.2	20.0								44.2
Milestone					17.5		0.5						18.0
Picloram				20.0									20.0
Tordon				120.0	485.3	256.0							861.3
Tordon + 2,4-D				720.0	127.0	4.5							851.5
Total Acreage Treated			330.0	884.2	649.8	282.0	80.5						2322.5

NOXIOUS WEED SURVEY WORKSHEET – Survey for One Weed

County: Ford Year: 2021 Weed Surveyed: Musk Thistle

Acreage Infested by Land Category	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Private Lands													
Wheat													
Corn													
Soybeans													
Grain Sorghum													
CRP							0.75			0.25			0.75
Range/Pasture							1.09						1.34
Other Crops							0.04						0.04
Fallow													
Non-Agricultural							0.101						0.601
County Lands													
Township Lands													
State Lands													
Federal Lands													
City Gov. Lands													
Total Acreage Infested							1.981						2.731

Worksheet to Calculate Estimated Acreage of a Noxious Weed in a County:

	Total Acreage Found Infested	\div	Total Acreage Surveyed	\times	Total Acreage of County	$=$	Estimated Acreage Infested		Nox. Weed Director's Adjustment of Ext. Ac.
Private Lands	0						0		2
Wheat	0						0		0
Corn	0						0		0
Soybeans	0						0		0
Grain Sorghum	0						0		0
CRP	0.75						81.225		200
Range/Pasture	1.34						145.122		2500
Other Crops	0.04						4.332		100
Fallow	0						0		0
Non-Agricultural	0.601						65.0883		100
Sub-Total of Private Lands	2.731						295.77		2902
County Lands	0						0		0
Township Lands	0						0		5
State Lands	0						0		1
Federal Lands	0						0		5
City Gov. Lands	0						0		3
Total Estimated Acreage									



Mike Beam, Secretary

Laura Kelly, Governor

Attached are the random survey sections for the 2021 annual weed survey as required by K.S.A. 2-1318. The primary section numbers are the 10 sections that are to be surveyed. If you cannot access any of the primary sections, choose a replacement from the secondary sections. With this, you should always be able to survey a full 10 sections.

COUNTY	TOWNSHIP	RANGE	SECTION	PRIORITY
FORD	25S	25W	10	PRIMARY
FORD	27S	25W	04	PRIMARY
FORD	27S	24W	01	PRIMARY
FORD	29S	21W	13	PRIMARY
FORD	29S	23W	25	PRIMARY
FORD	28S	26W	06	PRIMARY
FORD	25S	25W	34	PRIMARY
FORD	25S	22W	19	PRIMARY
FORD	28S	21W	36	PRIMARY
FORD	25S	23W	35	PRIMARY
FORD	29S	26W	07	SECONDARY
FORD	29S	26W	25	SECONDARY
FORD	26S	22W	09	SECONDARY
FORD	29S	24W	13	SECONDARY
FORD	26S	21W	06	SECONDARY

If you are not able to survey a primary section, let me know why (i.e. "It is in the middle of a lake") and I will remove it from the state survey. NOTE: "It is too far from the road" is NOT a valid reason for not surveying a section.