

Annual Noxious Weed Eradication Progress Report 2021



as required by KSA 2-1316

Grant County Weed Dept.

Noxious Weed Supervisor:
Christopher A. Burdette

Noxious Weed Department Personnel

| Name | Job Title | % Time Spent on Noxious Weeds | Weed Director Salary |
|------------------------|------------|-------------------------------|----------------------|
| Christopher A Burdette | DIRECTOR | 75 | [REDACTED] |
| | APPLICATOR | | |

Financial Summary - Noxious Weed Fund

| | Amount |
|-----------------------------------|------------------|
| Mil levy for 2021 | 0.839 |
| County valuation for 2021 | \$134,731,265.00 |
| Beginning Budget Balance for 2021 | \$207,240.00 |

Revenues

| | |
|---|---------------------|
| Chemical Sale | \$0.00 |
| Chemical Sale | \$0.00 |
| CARRYOVER 2020-2021 | \$66,483.00 |
| COUNTY APPROPRIATION (TAX FUNDS & OTHERS) | \$123,271.00 |
| CURRENT REIMB. EQUIP. & LABOR, CHEMICAL | \$32,092.72 |
| Total Revenue | \$221,846.72 |

Expenditures

| | |
|------------------------------|---------------------|
| PERSONNEL SERVICES | \$81,288.38 |
| CONTRACTUAL SERVICES | \$7,639.51 |
| COMMODITIES-CHEMICAL | \$40,362.16 |
| COMMODITIES-OTHER | \$8,585.59 |
| CAPITAL OUTLAY | \$500.00 |
| Total Expenditures | \$138,375.64 |
| Ending Budget Balance | \$0.00 |

Carryover to next year's budget for 2021 to 2022 \$18,298.99

Capital Outlay Fund

| | Amount |
|-----------------------|---------------------|
| Beginning Balance | \$130,775.17 |
| Receipts | \$8,463.81 |
| Expenditures | \$4,207.89 |
| Ending Balance | \$135,031.09 |

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Plant Protection

Annual Noxious Weed Eradication Progress Report

Grant County Weed Dept.

Year **2021** ★

Estimated Acreage of Noxious Weeds

| Noxious Weed | Private | County | Township | State | Federal | City | Total |
|----------------|---------------|--------|----------|-------|---------|------|---------------|
| Canada Thistle | 86.4 | | | | | | 86.4 |
| Field Bindweed | 1008.0 | | | | | | 1008.0 |
| Johnsongrass | 720.0 | | | | | | 720.0 |
| Other | 28.8 | | | | | | 28.8 |
| Totals | 1843.2 | | | | | | 1843.2 |

Estimated Acreage of Noxious Weed on Private Land sub-section

| Noxious Weed | Wheat | Corn | Soybean | Grain | CRP | Pasture | Other | Fallow | Non-Ag | Total |
|----------------|---------------|--------------|---------|--------------|-----|---------|-------|--------|--------|---------------|
| Canada Thistle | 57.6 | 28.8 | | | | | | | | 86.4 |
| Field Bindweed | 691.2 | 259.2 | | 57.6 | | | | | | 1008.0 |
| Johnsongrass | 374.4 | 230.4 | | 115.2 | | | | | | 720.0 |
| Other | 28.8 | | | | | | | | | 28.8 |
| Totals | 1152.0 | 518.4 | | 172.8 | | | | | | 1843.2 |

Weeds declared Noxious by the County: Multiflora Rose Bull Thistle

Herbicide Disbursement Summary

| Chemical | Purchase Price | Cost Share Price | Total Disbursed |
|------------|----------------|------------------|-----------------|
| 2-4 D | \$0.16 | \$0.12 | 11067.362 fl oz |
| Clopyralid | \$148.98 | \$148.98 | 2.000 qt |
| DICAMBA | \$0.29 | \$0.22 | 8498.430 fl oz |
| GLYPHOSATE | \$0.17 | \$0.13 | 22477.040 fl oz |
| HI-LITE | \$0.34 | \$0.34 | 0.000 fl oz |
| PICLORAM | \$0.38 | \$0.29 | 7968.000 fl oz |
| Quinclorac | \$76.00 | \$57.00 | 51.750 gal |
| QUINCLORAC | \$1.78 | \$1.33 | 4446.422 oz |

Enforcement Summary

| | | | | | |
|-----------------|--|----------------------|--|-------------------------|--|
| Warning Notices | | Diversion Agreements | | Demonstration Plots | |
| Legal Notices | | Accounts to Tax Roll | | Feed and Hay Inspection | |
| Court Cases | | Meetings Sponsored | | Publish General Notice | |

Enforcement Comments:

We certify this is a correct copy of the Grant County Weed Dept. Program for 2021

We certify that Christopher A. Burdette is employed as Grant County Weed Dept. Director for 2022

X Mark McLaughlin 02/15/22
 Chairman, Board of County Commissioners Date

X Henry Saffner 2-15-22
 County Commissioner Date

X James L. Stewart 2/15/22
 County Commissioner Date

 County Commissioner Date

 County Commissioner Date

Christopher A. Burdette 2-15-22
 County Noxious Weed Director Date

Annual Noxious Weed Eradication Progress Report
Treatment Summary

Grant County Weed Dept.

Acres Treated

| Noxious Weed | Private | County | Township | State | Federal | City | Cost Share | Total |
|----------------|---------|--------|----------|-------|---------|------|------------|-------|
| Canada Thistle | 2 | | | | | | | 2 |
| Field Bindweed | 2265 | | | 25 | | | | 2290 |
| Johnsongrass | 1 | | | | | | | 1 |
| Musk Thistle | 0 | | | | | | | 0 |
| Totals | 2268 | | | 25 | | | | 2293 |

Acres Treated on Private Land sub-section

| Noxious Weed | Wheat | Corn | Soybean | Grain | CRP | Pasture | Other | Fallow | Non-Ag | Total |
|----------------|-------|------|---------|-------|-----|---------|-------|--------|--------|-------|
| Canada Thistle | | | | | | 2 | | | | 2 |
| Field Bindweed | 648 | | | 916 | | | 530 | 171 | | 2265 |
| Johnsongrass | | | | | | 1 | | | | 1 |
| Musk Thistle | | | | | | | 0 | | | 0 |
| Totals | 648 | | | 916 | | 3 | 530 | 171 | | 2268 |

Annual Noxious Weed Eradication Progress Report

Grant County Weed Dept.
2021 ★

Canada Thistle

| | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
|---------------------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|
| Enforcement | | | | | | | | | | | | | 0 |
| Warning Notice | | | | | | | | | | | | | 0 |
| Legal Notice | | | | | | | | | | | | | 0 |
| Court Cases | | | | | | | | | | | | | 0 |
| Diversion Agreements | | | | | | | | | | | | | 0 |
| Acreage Treated | | | | | | | | 2.0 | | | | | 2.0 |
| Private Pasture | | | | | | | | 2.0 | | | | | 2.0 |
| Total Acreage | | | | | | | | | | | | | |
| Approved Herbicides and Methods | | | | | | | | | | | | | |
| STINGER | | | | | | | | 2.0 | | | | | 2.0 |
| Total Acreage | | | | | | | | | | | | | 2.0 |

Annual Noxious Weed Eradication Progress Report

Grant County Weed Dept.
2021 ★

Field Bindweed

| | January | February | March | April | May | June | July | August | September | October | November | December: | Totals |
|--|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|-----------|--------|
| Enforcement | | | | | | | | | | | | | 0 |
| Warning Notice | | | | | | | | | | | | | 0 |
| Legal Notice | | | | | | | | | | | | | 0 |
| Court Cases | | | | | | | | | | | | | 0 |
| Diversion Agreements | | | | | | | | | | | | | 0 |
| Acreage Treated | | | | | | | | | | | | | |
| Private | | | | | | | | 20.0 | | | | | 20.0 |
| Private Fallow | | | | | | | | 102.0 | | | 0.0 | | 171.0 |
| Private Grain Sorghum | | | | | | | | 340.0 | 576.0 | | | | 916.0 |
| Private Other | | | | | | 0.0 | | 156.0 | 110.0 | | | 264.0 | 530.0 |
| Private Wheat | | | | | | | | 324.0 | | 324.0 | | | 648.0 |
| State | | | | | | | | | | | 25.0 | | 25.0 |
| Total Acreage | | | | | | 0.0 | | 618.0 | 1010.0 | 324.0 | 94.0 | 264.0 | 2310.0 |
| Approved Herbicides and Methods | | | | | | | | | | | | | |
| DICAMBA (BANVEL,CLARITY,VANQU | | | | | | | | | 324.0 | 324.0 | | | 648.0 |
| Facet L | | | | | | | | 2.0 | 320.0 | | | 109.0 | 431.0 |
| QUINSTAR 4L | | | | | | | | 495.0 | 366.0 | | | 155.0 | 1016.0 |
| TORDON | | | | | | 0.0 | | 101.0 | 0.0 | | 94.0 | | 195.0 |
| Total Acreage | | | | | | 0.0 | | 598.0 | 1010.0 | 324.0 | 94.0 | 264.0 | 2290.0 |

Annual Noxious Weed Eradication Progress Report

Grant County Weed Dept.
2021 ★

Johnsongrass

| | January | February | March | April | May | June | July | August | September | October | November | December: | Totals |
|----------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|-----------|--------|
| Enforcement | | | | | | | | | | | | | 0 |
| Warning Notice | | | | | | | | | | | | | 0 |
| Legal Notice | | | | | | | | | | | | | 0 |
| Court Cases | | | | | | | | | | | | | 0 |
| Diversion Agreements | | | | | | | | | | | | | 0 |

| | January | February | March | April | May | June | July | August | September | October | November | December: | Totals |
|-----------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|-----------|--------|
| Acreage Treated | | | | | | | 1.0 | | | | | | 1.0 |
| Private Pasture | | | | | | | 1.0 | | | | | | 1.0 |

Total Acreage

| | January | February | March | April | May | June | July | August | September | October | November | December: | Totals |
|---------------------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|-----------|--------|
| Approved Herbicides and Methods | | | | | | | 1.0 | | | | | | 1.0 |
| BUCCANEER PLUS | | | | | | | 1.0 | | | | | | 1.0 |

Total Acreage

Annual Noxious Weed Eradication Progress Report

Grant County Weed Dept.
2021 ★

Musk Thistle

| | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
|---------------------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|
| Enforcement | | | | | | | | | | | | | 0 |
| Warning Notice | | | | | | | | | | | | | 0 |
| Legal Notice | | | | | | | | | | | | | 0 |
| Court Cases | | | | | | | | | | | | | 0 |
| Diversion Agreements | | | | | | | | | | | | | 0 |
| Acreage Treated | | | | | | 0.0 | | | | | | | 0.0 |
| Private Other | | | | | | 0.0 | | | | | | | 0.0 |
| Total Acreage | | | | | | 0.0 | | | | | | | 0.0 |
| Approved Herbicides and Methods | | | | | | | | | | | | | |
| 24DLV6 | | | | | | 0.0 | | | | | | | 0.0 |
| Total Acreage | | | | | | 0.0 | | | | | | | 0.0 |

Annual Noxious Weed Eradication Progress Report Treatment Summary

Grant County Weed Dept.

Acres Treated

| Noxious Weed | Private | County | Township | State | Federal | City | Cost Share | Total |
|----------------|-------------|--------|----------|-----------|---------|------|------------|-------------|
| Canada Thistle | 2 | | | | | | | 2 |
| Field Bindweed | 2265 | | | 25 | | | | 2290 |
| Johnsongrass | 1 | | | | | | | 1 |
| Musk Thistle | 0 | | | | | | | 0 |
| Totals | 2268 | | | 25 | | | | 2293 |

Acres Treated on Private Land sub-section

| Noxious Weed | Wheat | Corn | Soybean | Grain | CRP | Pasture | Other | Fallow | Non-Ag | Total |
|----------------|------------|------|---------|------------|-----|----------|------------|------------|--------|-------------|
| Canada Thistle | | | | | | 2 | | | | 2 |
| Field Bindweed | 648 | | | 916 | | | 530 | 171 | | 2265 |
| Johnsongrass | | | | | | 1 | | | | 1 |
| Musk Thistle | | | | | | | 0 | | | 0 |
| Totals | 648 | | | 916 | | 3 | 530 | 171 | | 2268 |

**Noxious Weed Survey Worksheet
Grant County Weed Dept.**

2021 ★

| | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
|-------------------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|
| Canada Thistle | | | | | | | | 0.5 | | | | | 0.5 |
| Private Corn | | | | | | | | 1 | | | | | 1 |
| Private Wheat | | | | | | | | 1.5 | | | | | 1.5 |
| Total Acreage Infested | | | | | | | | | | | | | |

| | Total Acreage Infested | Acres Surveyed | County Acres | Estimated Acreage | Weed Director's Adjustment | Acreage After Adjustment | Note |
|-----------------|------------------------|----------------|-------------------------|-------------------|----------------------------|--------------------------|------|
| City | | 6400 | 368640 | 0.0 | 0.0 | 0.0 | |
| Private Corn | 0.5 | | | 28.8 | 0.0 | 28.8 | |
| Private Fallow | | | | 0.0 | 0.0 | 0.0 | |
| Private Pasture | | | | 0.0 | 0.0 | 0.0 | |
| Private Wheat | 1.0 | | | 57.6 | 0.0 | 57.6 | |
| | 1.5 | | Total Estimated Acreage | 86.4 | 0.0 | 86.4 | |

Noxious Weed Survey Worksheet

Grant County Weed Dept.

2021 ★

| | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
|-------------------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|
| Field Bindweed | | | | | | | | 4.5 | | | | | 4.5 |
| Private Corn | | | | | | | | 1 | | | | | 1 |
| Private Grain Sorghum | | | | | | | | 12 | | | | | 12 |
| Private Wheat | | | | | | | | 17.5 | | | | | 17.5 |
| Total Acreage Infested | | | | | | | | | | | | | |

| | Total Acreage Infested | Acres Surveyed | County Acres | Estimated Acreage | Weed Director's Adjustment | Acreage After Adjustment | Note |
|-----------------------|------------------------|-----------------------|--------------------------------|-------------------|----------------------------|--------------------------|------|
| City | | 6400 | 368640 | 0.0 | 0.0 | 0.0 | |
| County | | | | 0.0 | 0.0 | 0.0 | |
| Private Corn | 4.5 | | | 259.2 | 0.0 | 259.2 | |
| Private CRP | | | | 0.0 | 0.0 | 0.0 | |
| Private Fallow | | | | 0.0 | 0.0 | 0.0 | |
| Private Grain Sorghum | 1.0 | | | 57.6 | 0.0 | 57.6 | |
| Private Other | | | | 0.0 | 0.0 | 0.0 | |
| Private Pasture | | | | 0.0 | 0.0 | 0.0 | |
| Private Wheat | 12.0 | | | 691.2 | 0.0 | 691.2 | |
| State | 17.5 | | | 0.0 | 0.0 | 0.0 | |
| | | Total Surveyed | Total Estimated Acreage | 1008.0 | 0.0 | 1008.0 | |

Noxious Weed Survey Worksheet

Grant County Weed Dept.

2021 ★

| | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
|-------------------------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|
| Johnsongrass | | | | | | | | 4 | | | | | 4 |
| Private Corn | | | | | | | | 2 | | | | | 2 |
| Private Grain Sorghum | | | | | | | | 6.5 | | | | | 6.5 |
| Private Wheat | | | | | | | | 12.5 | | | | | 12.5 |
| Total Acreage Infested | | | | | | | | | | | | | |

| | Total Acreage Infested | Acres Surveyed | County Acres | Estimated Acreage | Weed Director's Adjustment | Acreage After Adjustment | Note |
|-----------------------|------------------------|-------------------------|--------------|-------------------|----------------------------|--------------------------|------|
| City | | 6400 | 368640 | 0.0 | 0.0 | 0.0 | |
| County | | | | 0.0 | 0.0 | 0.0 | |
| Private Corn | 4.0 | | | 230.4 | 0.0 | 230.4 | |
| Private CRP | | | | 0.0 | 0.0 | 0.0 | |
| Private Fallow | | | | 0.0 | 0.0 | 0.0 | |
| Private Grain Sorghum | 2.0 | | | 115.2 | 0.0 | 115.2 | |
| Private Other | | | | 0.0 | 0.0 | 0.0 | |
| Private Pasture | | | | 0.0 | 0.0 | 0.0 | |
| Private Wheat | 6.5 | | | 374.4 | 0.0 | 374.4 | |
| State | 12.5 | | | 0.0 | 0.0 | 0.0 | |
| | | Total Estimated Acreage | | 720.0 | 0.0 | 720.0 | |

**Noxious Weed Survey Worksheet
Grant County Weed Dept.**

2021 ★

| Other | January | February | March | April | May | June | July | August | September | October | November | December: | Totals |
|-------------------------------|---------|----------|-------|-------|-----|------|------|------------|-----------|---------|----------|-----------|------------|
| Private Wheat | | | | | | | | 0.5 | | | | | 0.5 |
| Total Acreage Infested | | | | | | | | 0.5 | | | | | 0.5 |

| | Total Acreage Infested | Acres Surveyed | County Acres | Estimated Acreage | Weed Director's Adjustment | Acreage After Adjustment | Note |
|-----------------------|------------------------|----------------|--------------------------------|-------------------|----------------------------|--------------------------|------|
| Private CRP | | 6400 | 368640 | 0.0 | 0.0 | 0.0 | |
| Private Fallow | | | | 0.0 | 0.0 | 0.0 | |
| Private Grain Sorghum | | | | 0.0 | 0.0 | 0.0 | |
| Private Wheat | 0.5 | | | 28.8 | 0.0 | 28.8 | |
| | 0.5 | | Total Estimated Acreage | 28.8 | 0.0 | 28.8 | |

Grant County Weed Dept.

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Noxious Weed Survey Data Collection

Year 2021
Start Date 01/01/21 End Date 02/28/22

| Survey# | Date | Surveyor | Field# | Legal Description | Acreage Surveyed | Acreage Infested | Weed | Acreage Infested |
|-------------------------------|-----------|------------------------|--------|-------------------|------------------|------------------|----------------|------------------|
| 201 | 8/18/2021 | Christopher A Burdette | | 27s-37w-07 | | | | |
| Location | | Land Ownership | | | | | | |
| rd3+G | | Private Wheat | | | 640 | 5 | Field Bindweed | 3 |
| | | | | | | | Johnsongrass | 2 |
| Total Acreage Surveyed | | | | | 640 | 5 | | |
| 202 | 8/20/2021 | Christopher A Burdette | | 27s-38w-24 | | | | |
| Location | | Land Ownership | | | | | | |
| rd5+F | | Private Wheat | | | 640 | 3 | Field Bindweed | 3 |
| Total Acreage Surveyed | | | | | 640 | 3 | | |
| 203 | 8/23/2021 | Christopher A Burdette | | 28s-38w-06 | | | | |
| Location | | Land Ownership | | | | | | |
| rd8+b | | Private Wheat | | | 640 | 7 | Field Bindweed | 4.5 |
| | | | | | | | Johnsongrass | 2 |
| | | | | | | | Canada Thistle | 0.5 |
| Total Acreage Surveyed | | | | | 640 | 7 | | |
| 204 | 8/20/2021 | Christopher A Burdette | | 28s-38w-10 | | | | |
| Location | | Land Ownership | | | | | | |
| rd9+E | | Private Wheat | | | 640 | 2 | Field Bindweed | 0.5 |
| | | | | | | | Johnsongrass | 1 |
| | | | | | | | Canada Thistle | 0.5 |
| Total Acreage Surveyed | | | | | 640 | 2 | | |
| 205 | 8/24/2021 | Christopher A Burdette | | 29s-38-w07 | | | | |
| Location | | Land Ownership | | | | | | |
| rd14+A | | Private Corn | | | 640 | 5 | Field Bindweed | 3.5 |
| | | | | | | | Johnsongrass | 1 |
| | | | | | | | Canada Thistle | 0.5 |
| Total Acreage Surveyed | | | | | 640 | 2 | | |
| 206 | 8/25/2021 | Christopher A Burdette | | 30s-38w-02 | | | | |
| Location | | Land Ownership | | | | | | |
| rd19+E | | Private Wheat | | | 640 | 1.5 | Field Bindweed | 0.5 |
| | | | | | | | Johnsongrass | 1 |
| Total Acreage Surveyed | | | | | 640 | 1.5 | | |
| 207 | 8/20/2021 | Christopher A Burdette | | 29s-37w-06 | | | | |
| Location | | Land Ownership | | | | | | |
| rd14-H | | Private Corn | | | 640 | 1.5 | Field Bindweed | 0.5 |
| | | | | | | | Johnsongrass | 1 |
| Total Acreage Surveyed | | | | | 640 | 1.5 | | |

Grant County Weed Dept.

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Noxious Weed Survey Data Collection

Year 2021
Start Date End Date
01/01/21 02/28/22

| Survey# | Date | Surveyor | Field# | Legal Description | | | |
|------------------------|-----------|------------------------|--------|---------------------|---------------------|----------------|---------------------|
| 208 | 8/23/2021 | Christopher A Burdette | | 28s-35w-35 | | | |
| | | | | Acreage Surveyed | Acreage Infested | Weed | Acreage Infested |
| Location | | Land Ownership | | | | | |
| hwy160-X | | Private Wheat | | 640 | 1.5 | Field Bindweed | 0.5 |
| | | | | | | Other | 0.5 |
| | | | | | | Johnsongrass | 0.5 |
| Total Acreage Surveyed | | | | 640 | 1.5 | | |
| Survey# | Date | Surveyor | Field# | Legal Description | | | |
| 209 | 8/30/2021 | Christopher A Burdette | | 30s-36w-30 | | | |
| | | | | Acreage Surveyed | Acreage Infested | Weed | Acreage Infested |
| Location | | Land Ownership | | | | | |
| Rd R-24 | | Private Corn | | 640 | 2.5 | Field Bindweed | 0.5 |
| | | | | | | Johnsongrass | 2 |
| Total Acreage Surveyed | | | | 640 | 2.5 | | |
| Survey# | Date | Surveyor | Field# | Legal Description | | | |
| 210 | 8/27/2021 | Christopher A Burdette | | 30s-38w-02 | | | |
| | | | | Acreage Surveyed | Acreage Infested | Weed | Acreage Infested |
| Location | | Land Ownership | | | | | |
| Rd P-1 | | Private Grain Sorghum | | 640 | 3 | Field Bindweed | 1 |
| | | | | | | Johnsongrass | 2 |
| Total Acreage Surveyed | | | | 640 | 3 | | |
| Total Acreage Surveyed | | | | 6400 | 32 | | |