



2020 End of Year Report

Johnson County Weed and Pest Control District Mission and Policy

The Johnson County Weed & Pest is committed to providing leadership and education for the long term management of noxious weeds & pests through prevention, biological, cultural, mechanical and chemical controls. We are dedicated to decreasing the impacts of invasive species on native plant and animal communities, private and public lands, and local economies. The Johnson County Weed & Pest strives to have effective programs for the management of noxious weeds and pests by promoting and coordinating management and control through integrated pest management techniques, cooperation with landowners, agencies, organizations, and by providing technical expertise and educational opportunities to all within the county.

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Prairie Dogs 2020

| Units | Rodenticide | Price Each | Total Cost | District Cost | LO Cost |
|-------|-----------------|---------------|---------------------|---------------------|--------------------|
| 124 | Fumitoxin | \$ 26.05 | \$ 3,397.60 | \$ 2,378.32 | \$ 1,019.28 |
| 40 | Rozol (25 lb) | \$ 75.00 | \$ 3,000.00 | \$ 2,100.00 | \$ 900.00 |
| 18 | Kaput-D (50 lb) | \$ 77.68 | \$ 1,398.24 | \$ 978.77 | \$ 419.47 |
| 151 | Kaput-D (50 lb) | \$ 94.00 | \$ 14,194.00 | \$ 9,935.80 | \$ 4,258.20 |
| 98 | 50 lb - ZP Oats | \$ 55.00 | \$ 5,390.00 | \$ 5,390.00 | \$ - |
| 388 | 33 lb - ZP Oats | \$ 39.60 | \$ 15,364.80 | \$ 15,364.80 | \$ - |
| | 2019 Rebates | \$ 5.00 | \$ 2,795.00 | \$ 2,795.00 | \$ - |
| | | Totals | \$ 45,539.64 | \$ 38,942.69 | \$ 6,596.95 |

The District offers a rebate program to landowners that hire a commercial applicator to treat Prairie Dogs using ZP Oats on their private land.

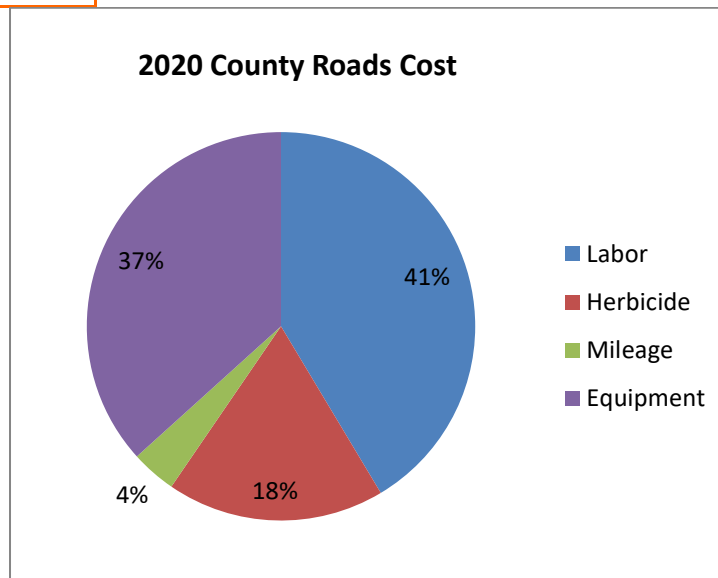
2020 Field Certifications

Rod certified fields for 8 hay/straw producers in the County.

2020 County Roads

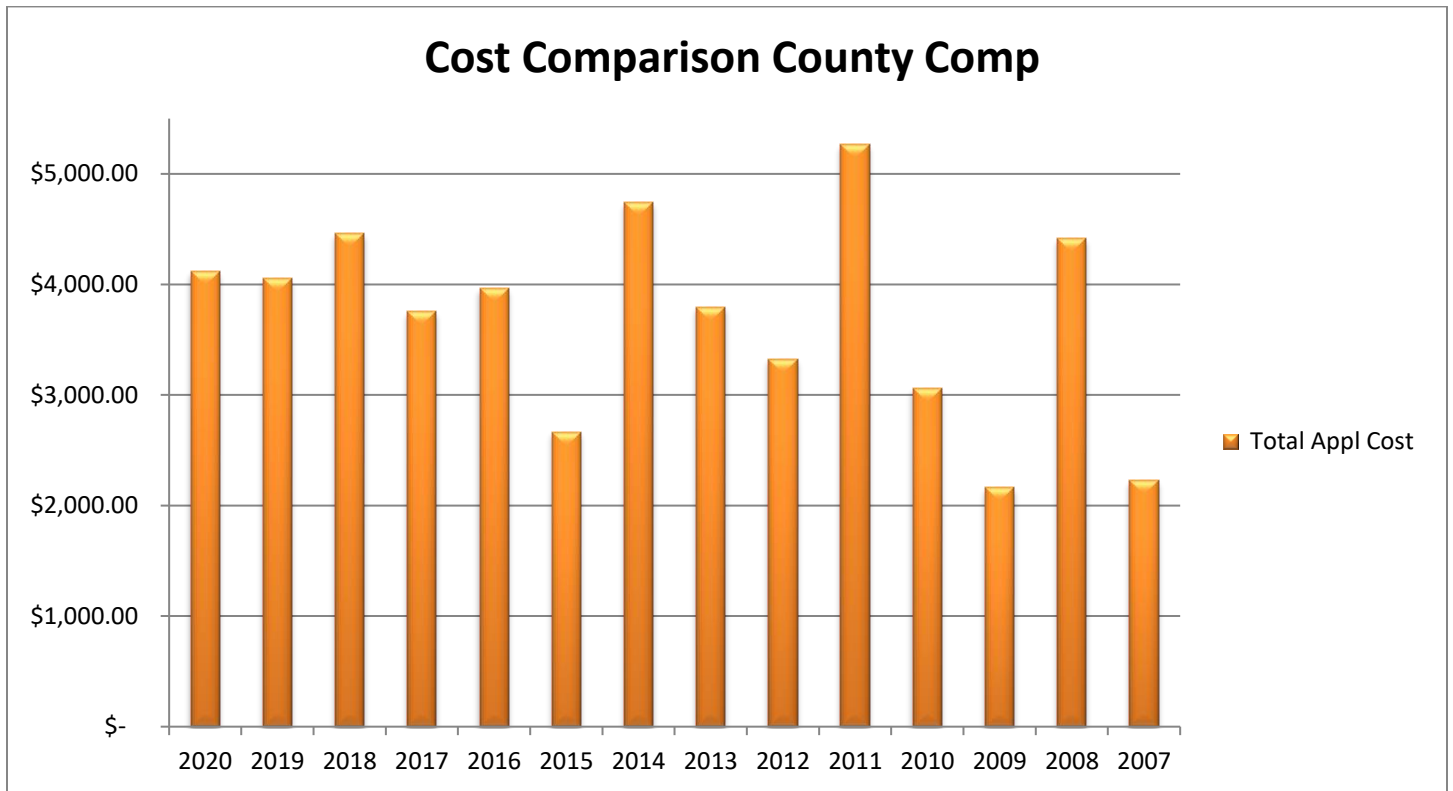
In 2020 the District treated 437 acres/672.45 miles on county roads.

| 2020 Co Road Cost | |
|-------------------|---------------------|
| Labor | \$ 16,269.56 |
| Herbicide | \$ 7,125.10 |
| Mileage | \$ 1,479.00 |
| Equipment | \$ 14,413.60 |
| Total Cost | \$ 39,287.26 |



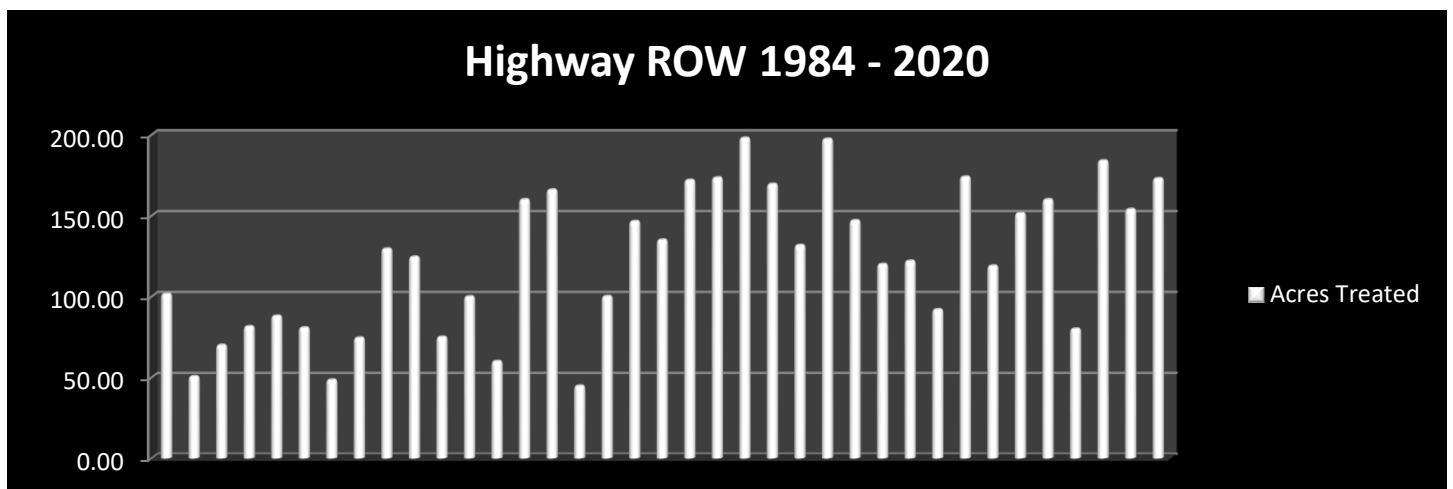
2020 County Comp

County Comp includes spraying of county properties, cleanup on private lands and small spray jobs that do not fit in our cost share programs.



2020 Wyoming Department of Transportation

The District contracts the spraying by bid of the state highway ROW in Johnson County. The State Allocation was \$ 22,960.00 for 2020. A total of 285 hours were spent treating 173 acres.



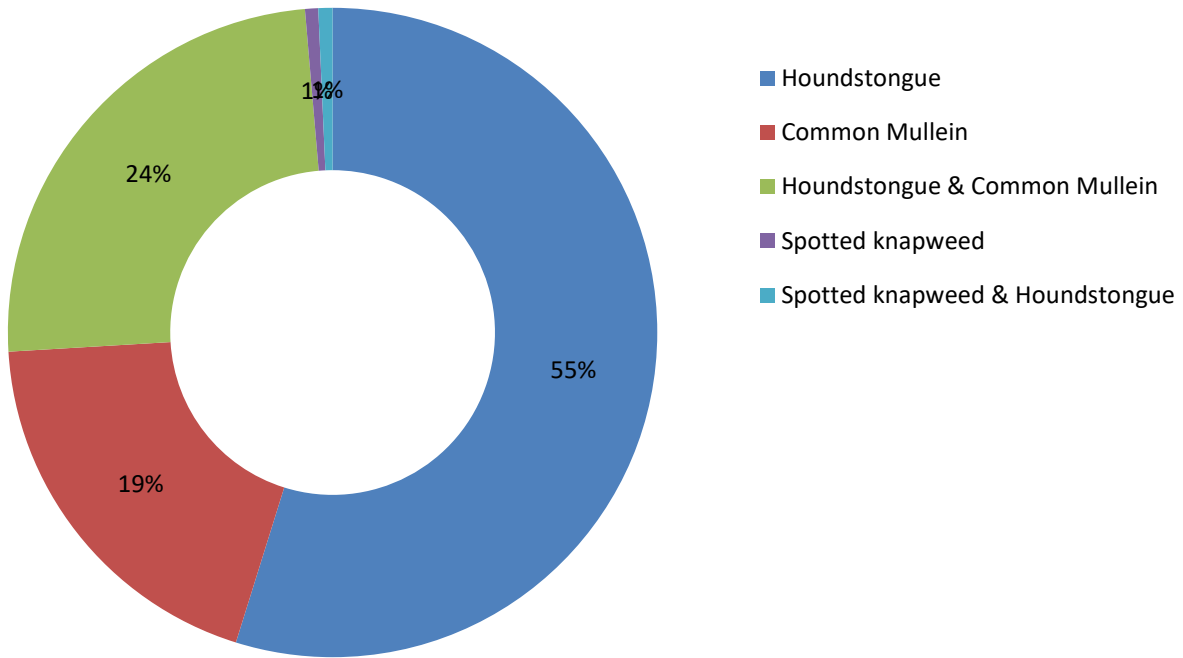
2020 Sprayer use

The District has the following equipment for use, on a donation basis.

| 25 g ATV Sprayer | | 150 gallon | | Backpack | | Boom sprayer | | 50 gallon | | Pull Behind | | Insecticide Only | | Mosquito Fogger | |
|------------------|-----------|------------|-----------|----------|-----------|--------------|-----------|-----------|-----------|-------------|-----------|------------------|-----------|-----------------|-----------|
| Year | Days Used | Year | Days Used | Year | Days Used | Year | Days Used | Year | Days Used | Year | Days Used | Year | Days Used | Year | Days Used |
| 2009 | 93 | 2009 | 58 | 2009 | 127 | 2009 | 38 | 2009 | 0 | 2009 | 43 | 2009 | 29 | 2009 | 10 |
| 2010 | 146 | 2010 | 76 | 2010 | 40 | 2010 | 40 | 2010 | 35 | 2010 | 0 | 2010 | 4 | 2010 | 23 |
| 2011 | 108 | 2011 | 24 | 2011 | 289 | 2011 | 23 | 2011 | 20 | 2011 | 0 | 2011 | 5 | 2011 | 69 |
| 2012 | 109 | 2012 | 77 | 2012 | 88 | 2012 | 56 | 2012 | 19 | 2012 | 0 | 2012 | 6 | 2012 | 33 |
| 2013 | 259 | 2013 | 23 | 2013 | 185 | 2013 | 18 | 2013 | 77 | 2013 | 33 | 2013 | 2 | 2013 | 150 |
| 2014 | 157 | 2014 | 22 | 2014 | 74 | 2014 | 16 | 2014 | 3 | 2014 | 0 | 2014 | 7 | 2014 | 17 |
| 2015 | 109 | 2015 | 81 | 2015 | 195 | 2015 | 3 | 2015 | 113 | 2015 | 0 | 2015 | 24 | 2015 | 43 |
| 2016 | 103 | 2016 | 50 | 2016 | 280 | 2016 | 40 | 2016 | 271 | 2016 | 0 | 2016 | 5 | 2016 | 6 |
| 2017 | 23.5 | 2017 | 21 | 2017 | 84 | 2017 | 29 | 2017 | 49 | 2017 | 2.5 | 2017 | 0 | 2017 | 6 |
| 2018 | 98 | 2018 | 50 | 2018 | 7 | 2018 | 36 | 2018 | 88 | 2018 | 51 | 2018 | 17 | 2018 | 11 |
| 2019 | 23 | 2019 | 42 | 2019 | 23 | 2019 | 7 | 2019 | 10 | 2019 | 24 | 2019 | 0 | 2019 | 14 |
| 2020 | 13 | 2020 | 28 | 2020 | 52 | 2020 | 6 | 2020 | 0 | 2020 | 13 | 2020 | 0 | 2020 | 4 |

2020 Weed Bounty Program

2020 Weed Bounty Program

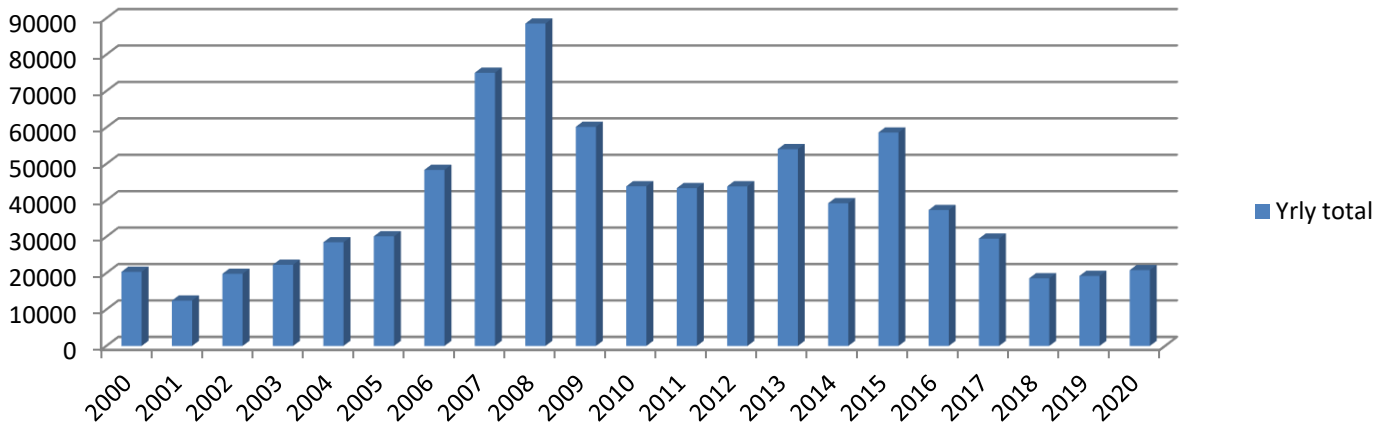


2020 Vendor Coupon Cost Share

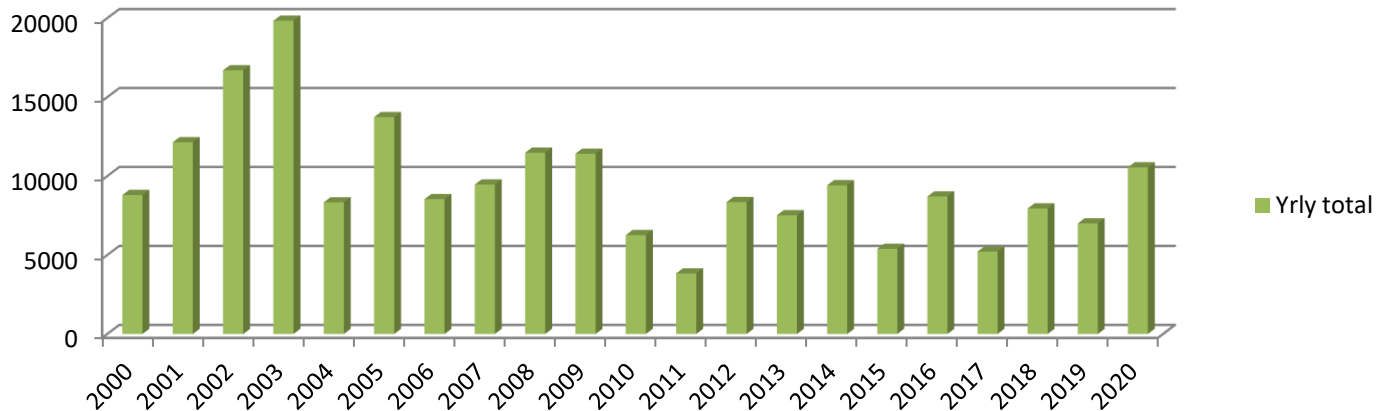
District cost share on Designated and Declared weeds is 70/30 with the exception of Leafy spurge, the District pays 100%, as allowed by statute.

| General | units | District \$ | L.O. \$ | Total \$ | Leafy Spurge | units | District \$ | Total \$ |
|---------------|-------|--------------|-------------|--------------|--------------|-------|--------------|--------------|
| 2,4-D | 83.5 | \$ 679.37 | \$ 290.58 | \$ 969.95 | 2,4-D | 10 | \$ 115.90 | \$ 115.90 |
| 2,4-D LV6 | 15 | \$ 201.75 | \$ 86.40 | \$ 288.15 | Banvel | 5 | \$ 190.40 | \$ 190.40 |
| COC | 5 | \$ 34.90 | \$ 14.95 | \$ 49.85 | Escort | 80 | \$ 219.20 | \$ 219.20 |
| Curtail | 22.5 | \$ 722.48 | \$ 309.60 | \$ 1,032.08 | Opti-Amine | 22.5 | \$ 529.20 | \$ 529.20 |
| Duracor | 12 | \$ 818.52 | \$ 350.76 | \$ 1,169.28 | Tordon | 229.5 | \$ 9,440.09 | \$ 9,440.09 |
| Escort | 488 | \$ 936.96 | \$ 400.16 | \$ 1,337.12 | Weedmaster | 2.5 | \$ 56.00 | \$ 56.00 |
| Gly Star Plus | 464.5 | \$ 3,860.01 | \$ 1,653.62 | \$ 5,513.63 | | | \$ 10,550.79 | \$ 10,550.79 |
| GrazonNext HL | 227 | \$ 7,985.67 | \$ 3,364.14 | \$ 11,349.81 | | | | |
| Milestone | 10 | \$ 2,077.60 | \$ 890.40 | \$ 2,968.00 | | | | |
| Opti-Amine | 20 | \$ 329.20 | \$ 141.20 | \$ 470.40 | | | | |
| RangeStar | 1 | \$ 17.25 | \$ 7.39 | \$ 24.64 | | | | |
| RemedyUltra | 5 | \$ 250.90 | \$ 107.50 | \$ 358.40 | | | | |
| Tap Out | 5 | \$ 245.20 | | \$ 245.20 | | | | |
| Tordon | 80 | \$ 2,371.20 | \$ 1,016.00 | \$ 3,387.20 | | | | |
| Weedmaster | 18.5 | \$ 291.65 | \$ 124.32 | \$ 415.97 | | | | |
| | | \$ 20,822.66 | \$ 8,757.02 | \$ 29,579.68 | | | | |

General Vendor Coupon \$ spent by District



Leafy Spurge Vendor Coupons \$ spent by District

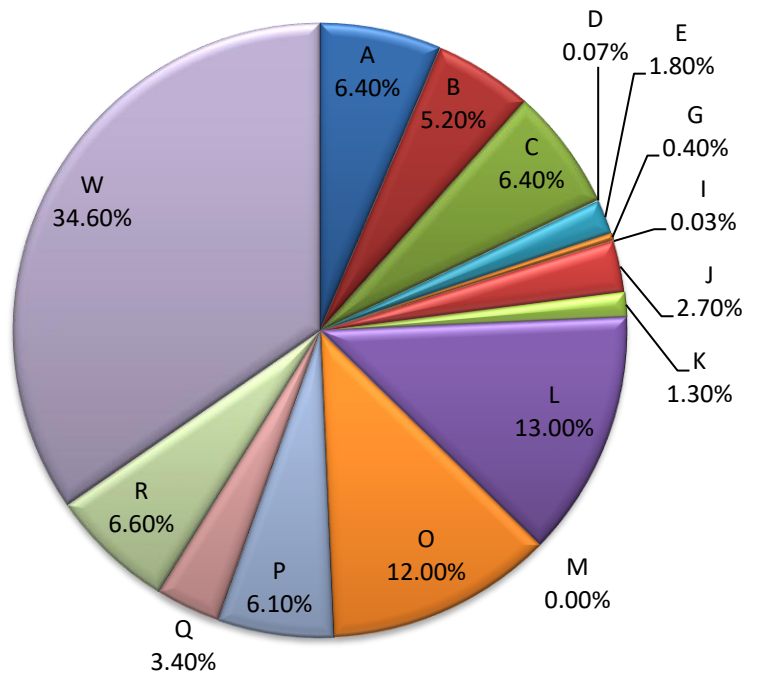


2020 Employees Time Spent

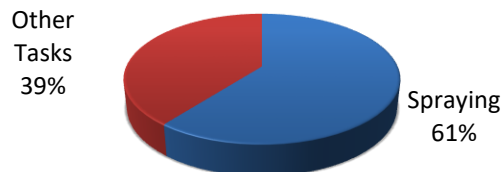
The District has assigned the following task codes in order to track where the employees time is spent. The graph includes all employees time. We also assign labor rates and track each task code for each labor rate.

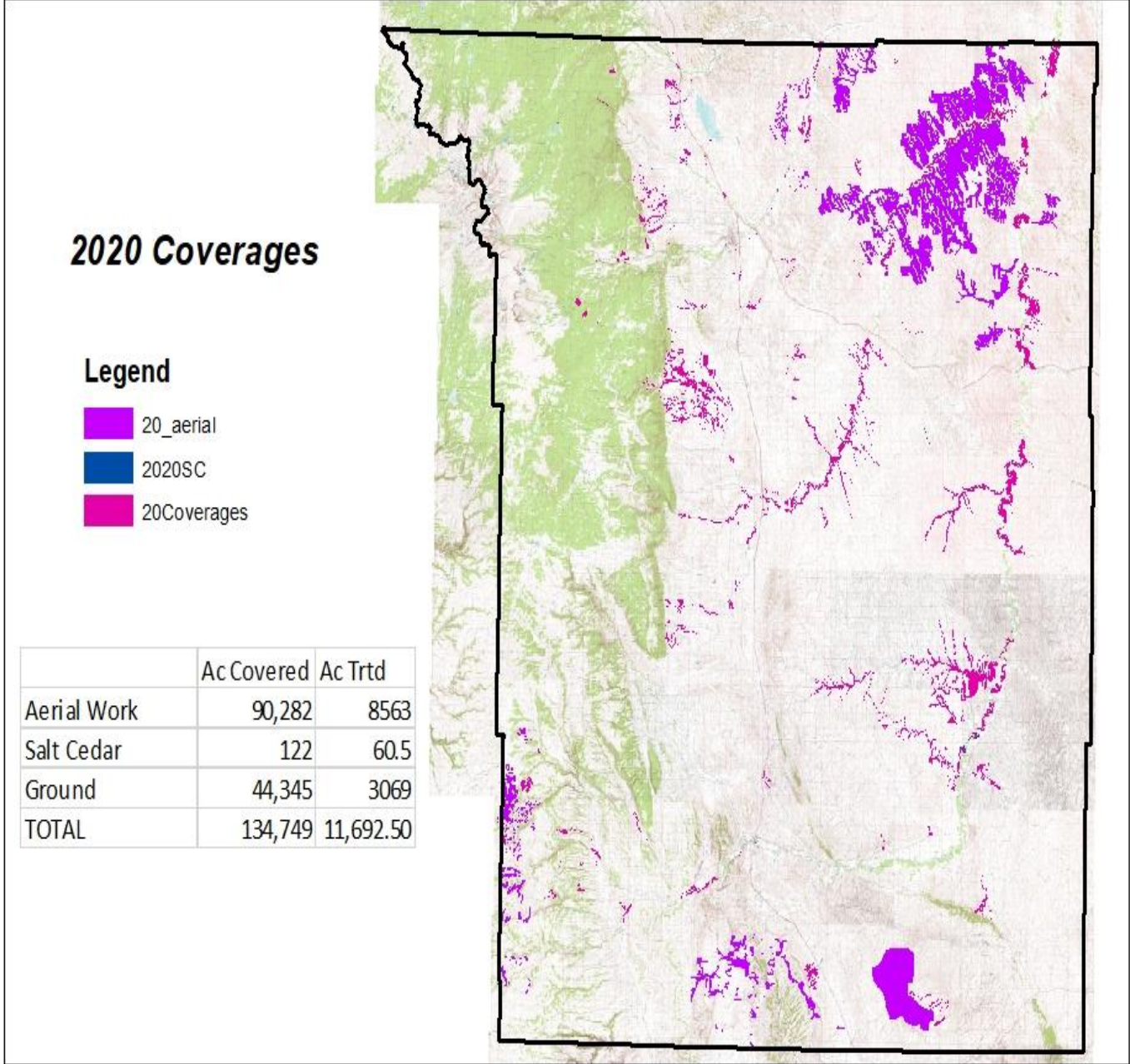
| Task Code | Description |
|-----------|-------------------------------------------|
| A | Administrative |
| B | Bonus and Holiday |
| D | Data Collection, Survey Work & BioControl |
| E | Education |
| G | GIS |
| I | Incomplete day |
| J | Personal & Sick Leave |
| K | Grasshoppers |
| L | Leafy Spurge |
| M | Mosquito |
| O | Office |
| P | Shop |
| Q | Bookkeeping |
| R | County Roads |
| W | Weed Spraying |

2020 Task Code Totals



Hours Spraying vs Hours other Tasks



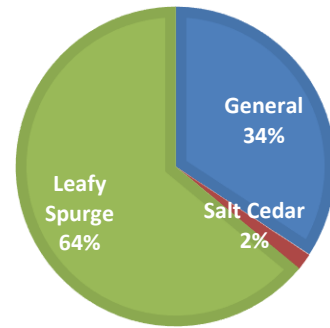


The map shows the acres covered by the District in 2020. 513 application records were processed during the year.

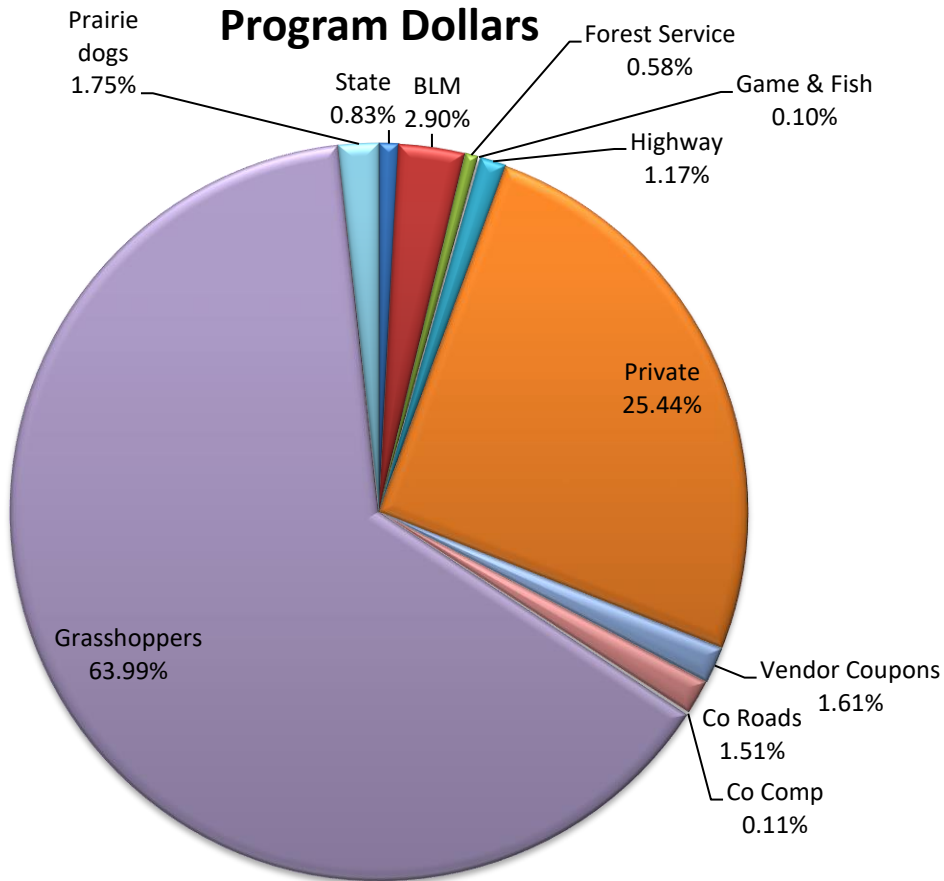
The following graphs show the percentage based on acres of application and program dollars.

APPLICATION PERCENTAGE

■ General ■ Salt Cedar ■ Leafy Spurge



Program Dollars



The pie chart above represents Total Program Dollars. This includes District and match dollars.

Private Lands

| Private Lands | acres | Labor \$ | Equip \$ | Herbicide \$ | Total \$ |
|---------------|--------|---------------|-------------|--------------|---------------|
| General | 3991.8 | \$ 184,749.08 | \$10,772.06 | \$ 40,588.00 | \$ 236,109.14 |
| Leafy Spurge | 6277.3 | \$ 291,647.21 | \$ 8,039.88 | \$ 69,914.71 | \$ 369,601.80 |
| Salt Cedar | 213.5 | \$ 22,237.53 | \$ 8,909.66 | \$ 23,872.22 | \$ 55,019.41 |
| | | | | | \$ 660,730.35 |

Government Agencies

2020 Bureau of Land Management

| BLM | acres | Labor \$ | Equip \$ | Herbicide \$ | Total \$ |
|---------------|--------|--------------|-----------|--------------|--------------|
| General | 32.5 | \$ 9,230.80 | \$ 933.08 | \$ 330.04 | \$ 10,493.92 |
| Leafy Spurge | 984 | \$ 54,640.00 | | \$ 10,093.63 | \$ 64,733.63 |
| Totals | 1016.5 | \$ 63,870.80 | \$ 933.08 | \$ 10,423.67 | \$ 75,227.55 |

2020 State Lands

| State | acres | Labor \$ | Equip \$ | Herbicide \$ | Total \$ |
|---------------|-------|--------------|-----------|--------------|--------------|
| General | 48.5 | | | \$ 788.30 | \$ 788.30 |
| Leafy Spurge | 369.5 | \$ 15,895.86 | \$ 731.48 | \$ 4,129.69 | \$ 20,757.03 |
| Totals | 418 | \$ 15,895.86 | \$ 731.48 | \$ 4,917.99 | \$ 21,545.33 |

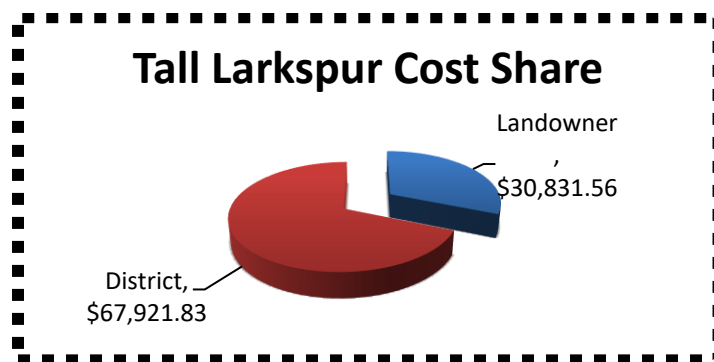
2020 Forest Service

| Forest Service | acres | Labor \$ | Equip \$ | Herbicide \$ | Total \$ |
|----------------|-------|--------------|-------------|--------------|--------------|
| General | 14.5 | \$ 9,975.88 | \$ 717.52 | \$ 252.52 | \$ 10,945.92 |
| Leafy Spurge | 7 | \$ 3,657.37 | \$ 306.76 | \$ 101.66 | \$ 4,065.79 |
| Totals | 21.5 | \$ 13,633.25 | \$ 1,024.28 | \$ 354.18 | \$ 15,011.71 |

2020 Game & Fish

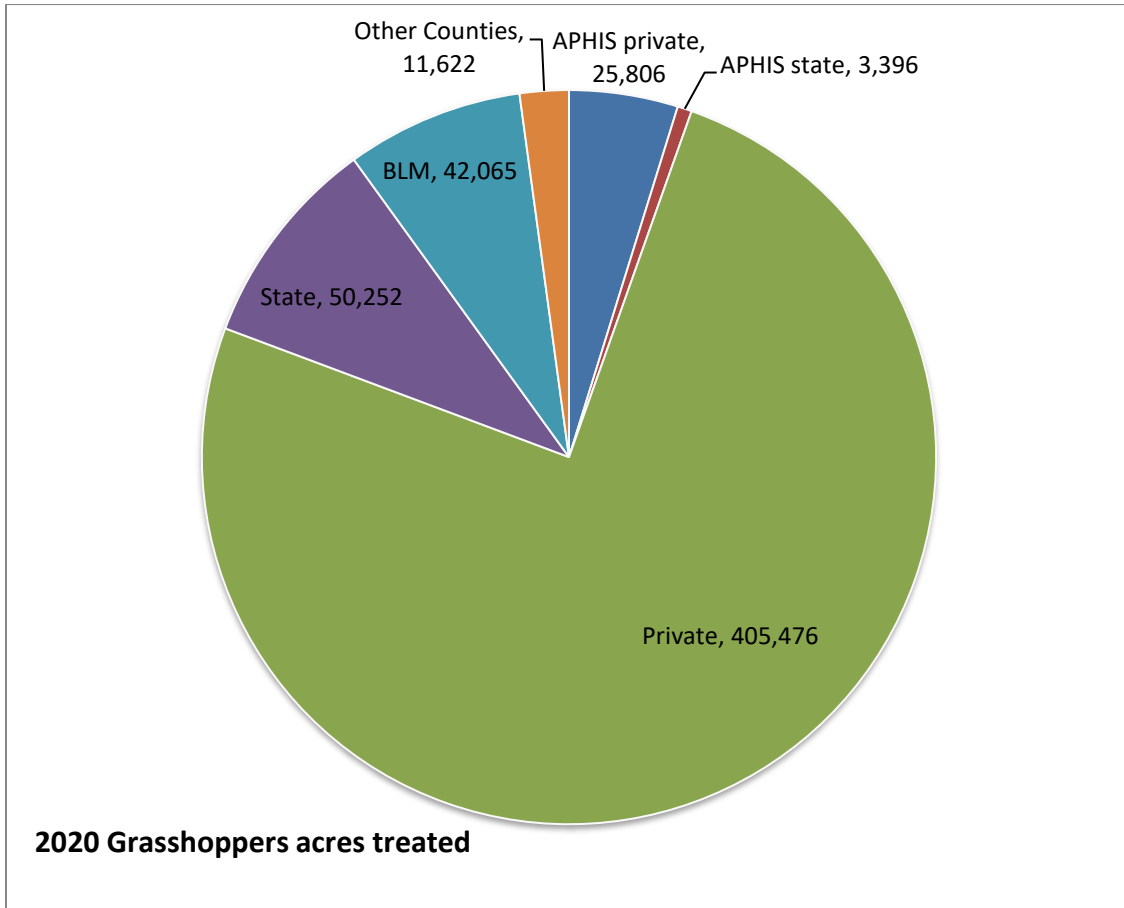
| Game & Fish | acres | Labor \$ | Equip \$ | Herbicide \$ | Total \$ |
|--------------|-------|-------------|----------|--------------|-------------|
| Leafy Spurge | 12 | \$ 2,521.25 | \$ 8.12 | \$ 170.53 | \$ 2,699.90 |

2020 Larkspur



2020 Grasshoppers

538,616 acres treated
1,077,232 acres covered
194 Landowners in aerial program
EcoBran - 3,608 lbs used by 53 landowners



2020 Johnson County Grasshopper Program

