



# 2012 End of Year Report

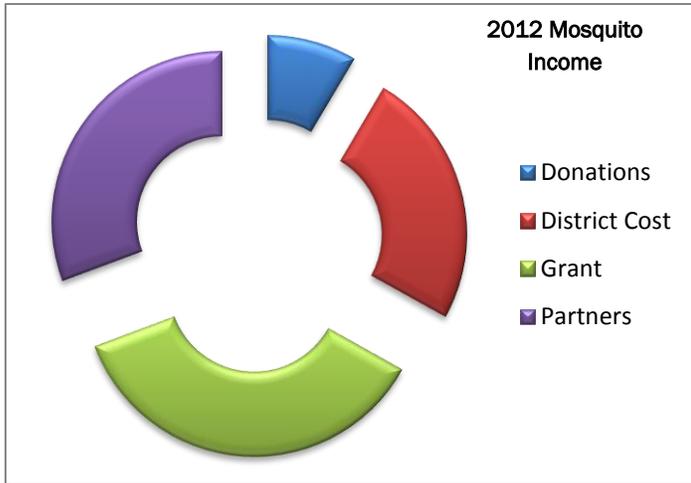
## Johnson County Weed and Pest Control District Mission and Policy

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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## Annual Mosquito Abatement Program in the Clear Creek Drainage.

*We apply larvacide throughout the summer to all mosquito infested water bodies from Buffalo to Ucross and in the City of Buffalo. The larvaciding program has been very successful over the past couple of years with no impact to bees and without the invasiveness of an aerial program. We do have ground fogging equipment, also, if needed and requested if an isolated adult outbreak occurs. In addition to the application in the Clear Creek drainage there is an available county wide cost share program on larvacide.*



County Wide Program	Income	Expenses
<b>Grant</b>	\$ 19,050.00	
<b>Donations</b>	\$ 4,480.00	
<b>Partners</b>	\$ 16,158.75	
<b>District</b>	\$ 12,932.51	
<b>District Applied Vectobac</b>		\$ 12,288.16
<b>Landowner Applied Vectobac</b>		\$ 2,042.16
<b>District Labor</b>		\$ 9,758.00
<b>Mileage &amp; Equip</b>		\$ 6,631.50
<b>Gas/Oil/Misc</b>		\$ 592.90
<b>Tire Recycling</b>		\$ 1,735.20
<b>Postage/Supplies</b>		\$ 57.65
<b>Totals</b>	\$ 52,621.26	\$ 33,105.57

### 2012 Prairie Dog Cost Share

Units	Rodenticide	Price Each	Total Cost	District Cost	LO Cost
50	Fumitoxin	\$ 24.50	\$ 1,225.00	\$ 1,298.50	\$ -
	Gas Cartridge	\$ 1.45	\$ -	\$ -	\$ -
95	33 lb - ZP Oats	\$ 33.00	\$ 3,135.00	\$ -	\$ -
105	Rozol	\$ 73.20	\$ 7,686.00	\$ 6,111.00	\$ 1,575.00
24	Rozol	\$ 72.00	\$ 1,728.00	\$ 337.50	\$ 378.00
1012.8	treated rebate	\$ 5.00	\$ 5,064.00	\$ 5,064.00	\$ -
	<b>Totals</b>		\$ 18,838.00	\$ 12,811.00	\$ 1,953.00

### 2012 Field Certifications

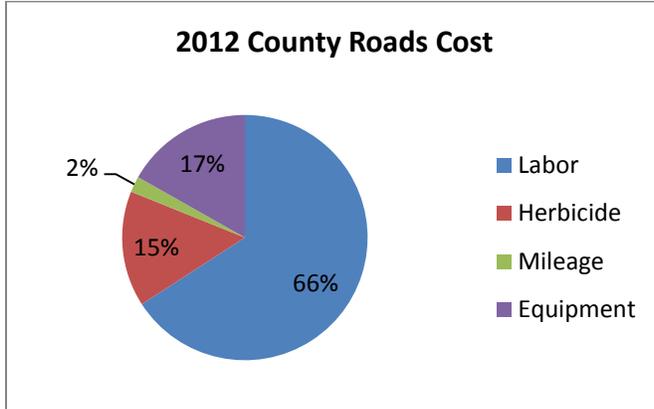
Rod certified fields for 9 hay/straw producers in the County.

### 2012 Bio Control Cost Share

Dalmation Toadflax \$ 480.00

## 2012 County Roads

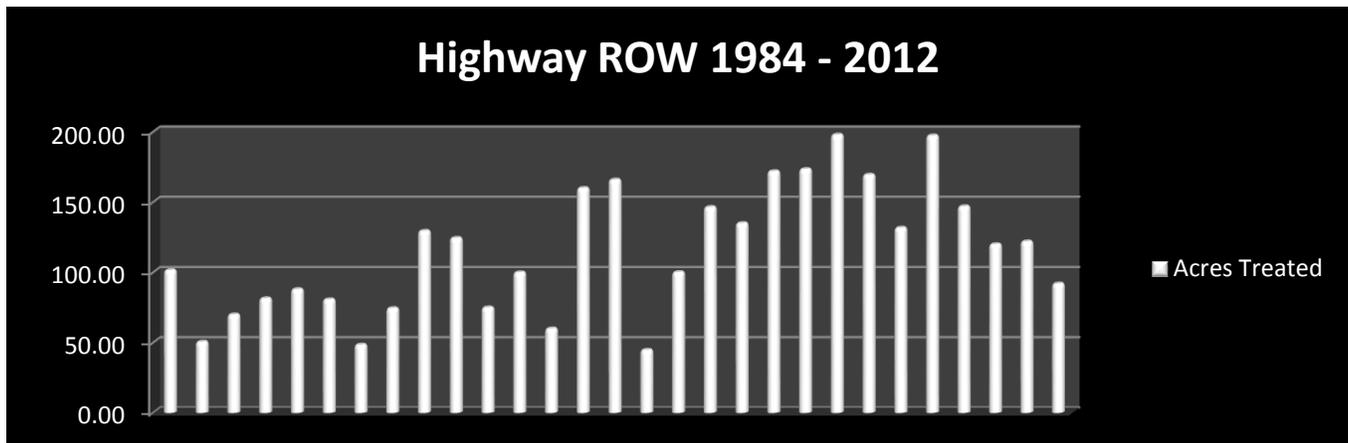
In 2012 the District treated 124 acres on county roads. Hours of labor equaled 245.



2012 Co Road Cost	
Labor	\$ 10,347.50
Herbicide	\$ 2,395.17
Mileage	\$ 328.50
Equipment	\$ 2,639.10
<b>Total Cost</b>	<b>\$ 15,710.27</b>

## 2012 Wyoming Department of Transportation

The District contracts the spraying of the state highways in Johnson County to Back Country Spraying, who was awarded the bid. The State Allocation was \$ 20,500.00 for 2012. 366 hours spent treating 92 acres.



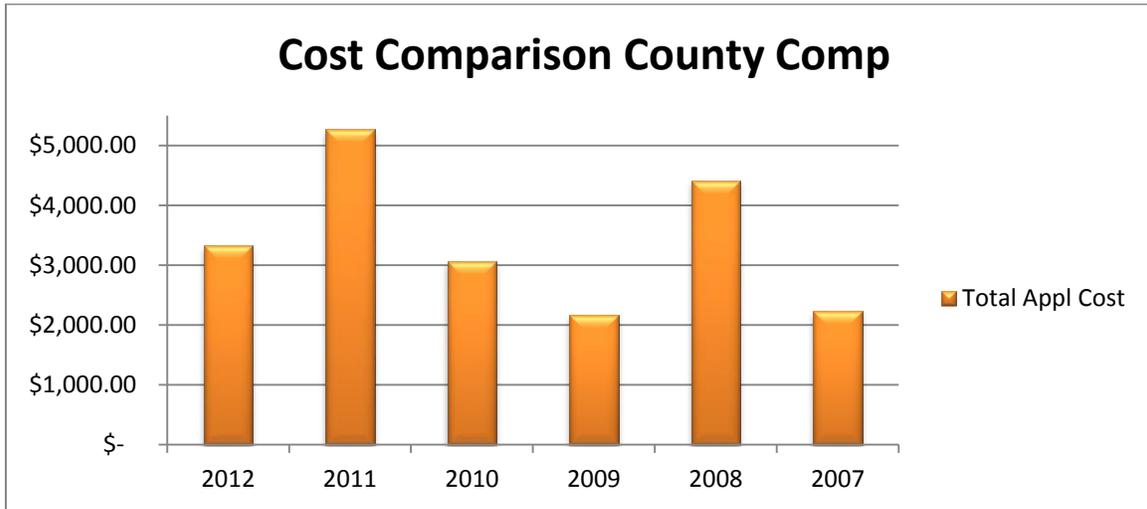
## 2012 Sprayer use and donations

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

	Days Used	Donation
Live Trap	48	\$ -
Backpack	84	\$ 70.00
Gator Sprayer	4	\$ -
150 gallon sprayer - yellow tank	77	\$ 138.00
50 gallon sprayer	19	\$ -
25 g ATV sprayer	109	\$ 175.00
Boom Sprayer 200 g	26	\$ 100.00
Boom Sprayer 300 g	68	\$ 90.00
55 g Tree Sprayer - Insecticide Only	6	\$ -
Mosquito Fogger	33	\$ -
<b>Totals</b>	<b>474</b>	<b>\$ 573.00</b>

## 2012 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.



### 2012 Vendor Coupon Cost Share

*District cost share on Designated and Declared weeds is 80/20 with the exception of Leafy spurge, the District pays 100%, as allowed by statue.*

General	units	District \$	L.O. \$	Total \$
2,4-D	138	\$ 1,730.52	\$ 433.32	\$ 2,163.84
Banvel	15	\$ 389.70	\$ 97.50	\$ 487.20
Chaparrel	41.25	\$ 2,670.55	\$ 667.40	\$ 3,337.95
Curtail	67.5	\$ 2,298.40	\$ 574.40	\$ 2,872.80
Escort	88	\$ 535.92	\$ 134.64	\$ 670.56
Forefront	127.5	\$ 7,220.13	\$ 2,525.97	\$ 9,746.10
Milestone	37.5	\$ 10,253.58	\$ 2,335.17	\$ 12,588.75
MSM	288	\$ 830.05	\$ 218.27	\$ 1,048.32
Opti-Amine	120	\$ 1,604.79	\$ 2,282.73	\$ 3,887.52
Rangestar	2.5	\$ 53.75	\$ 13.45	\$ 67.20
Redeem	26	\$ 1,910.19	\$ 477.65	\$ 2,387.84
Roundup Eql	171	\$ 1,609.12	\$ 401.84	\$ 2,010.96
Telar	16	\$ 200.64	\$ 50.24	\$ 250.88
Tordon	270	\$ 10,403.10	\$ 2,600.10	\$ 13,003.20
Wide Match	55	\$ 2,112.00	\$ 2,112.00	\$ 4,224.00
		<b>\$ 43,822.44</b>	<b>\$ 14,924.68</b>	<b>\$ 58,747.12</b>

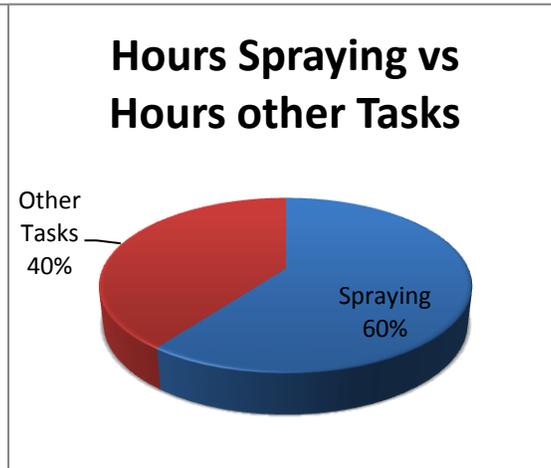
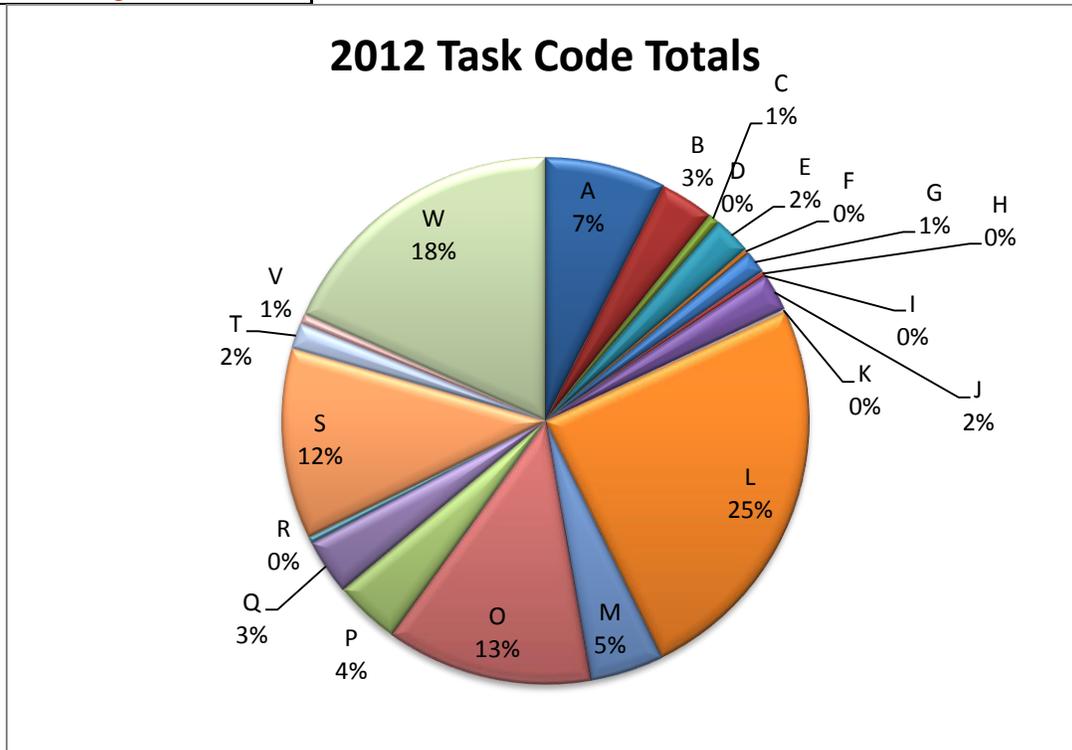
Leafy Spurge	units	District \$	L.O. \$	Total \$
2,4-D	36	\$ 565.82	\$ -	\$ 565.82
Banvel	2.5	\$ 81.20	\$ -	\$ 81.20
HiDep	5	\$ 98.35	\$ -	\$ 98.35
Tordon	150	\$ 7,224.00	\$ -	\$ 7,224.00
		<b>\$ 7,969.37</b>	<b>\$ -</b>	<b>\$ 7,969.37</b>

Salt Cedar	units	District \$	L.O. \$	Total \$
Bark Oil	10	\$ 113.70	\$ -	\$ 113.70
Element	5	\$ 268.80	\$ -	\$ 268.80
		<b>\$ 382.50</b>	<b>\$ -</b>	<b>\$ 382.50</b>

## 2012 Employees Time Spent

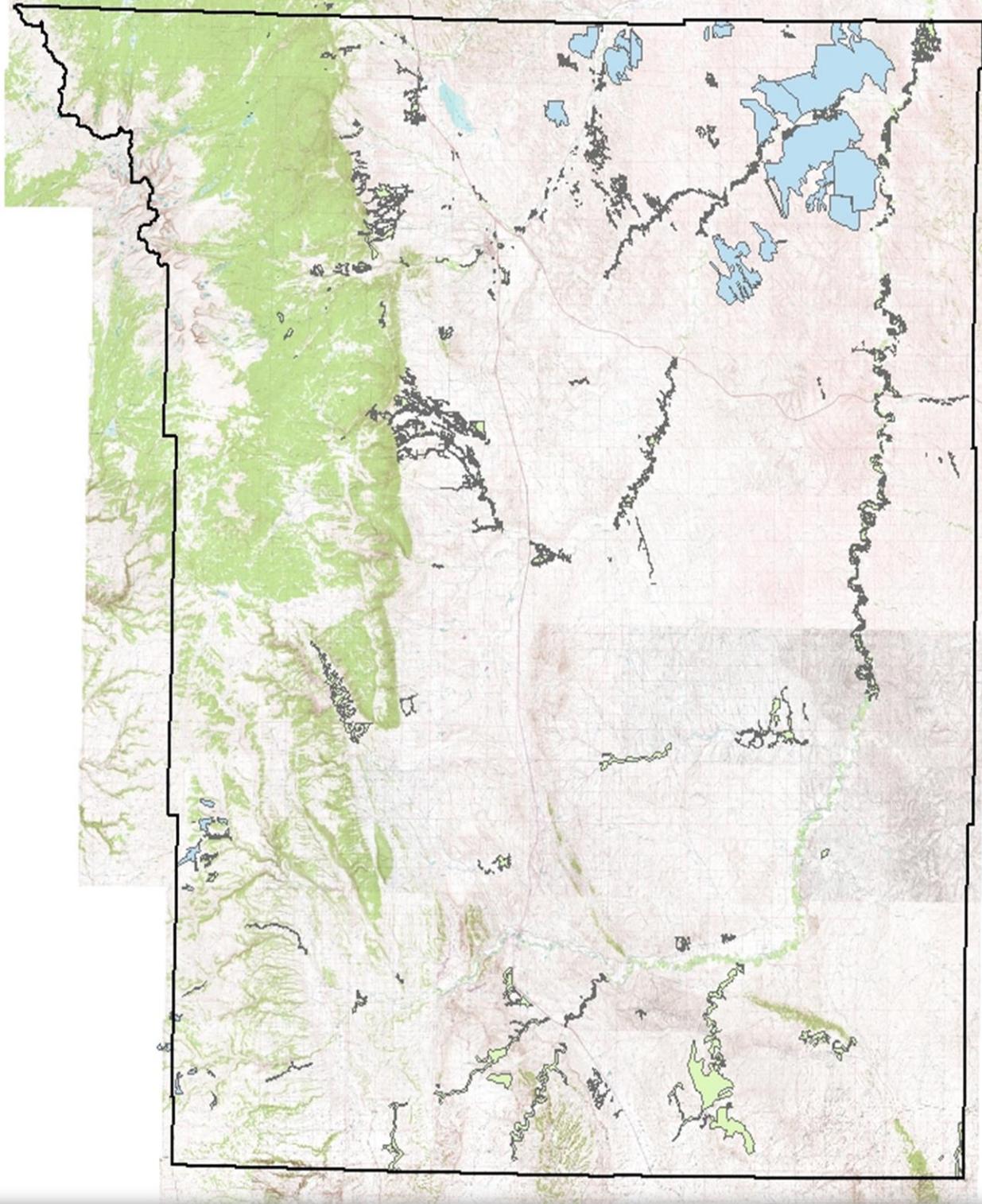
The District has assigned the following task codes in order to track where the employees time is spent. The graph includes all employees time. We also assign labor rates and track each task code for each labor rate.

Code	Task	Code	Task
A	Adminstrative	L	Leafy Spurge
B	Bonus and Holiday	M	Mosquito
C	County Comp Application	O	Office
D	Data Collection	P	Shop
E	Education	Q	Bookkeeping
F	Customer Relations	R	County Roads
G	GIS	S	Salt Cedar
H	Health	T	Tracking Archives
I	Incomplete day	V	Survey Salt Cedar
J	Personal leave	W	Weed Spraying
K	Kill Prairie Dogs		



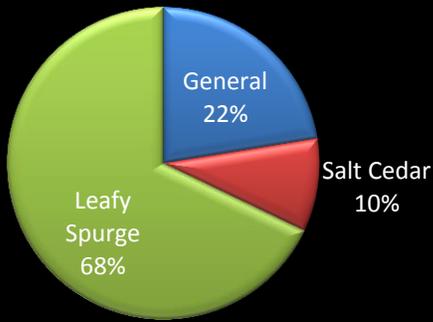
**8,039 acres treated – 95,679 acres covered by ground crews and aerial treatments.**

## 2012 Coverages

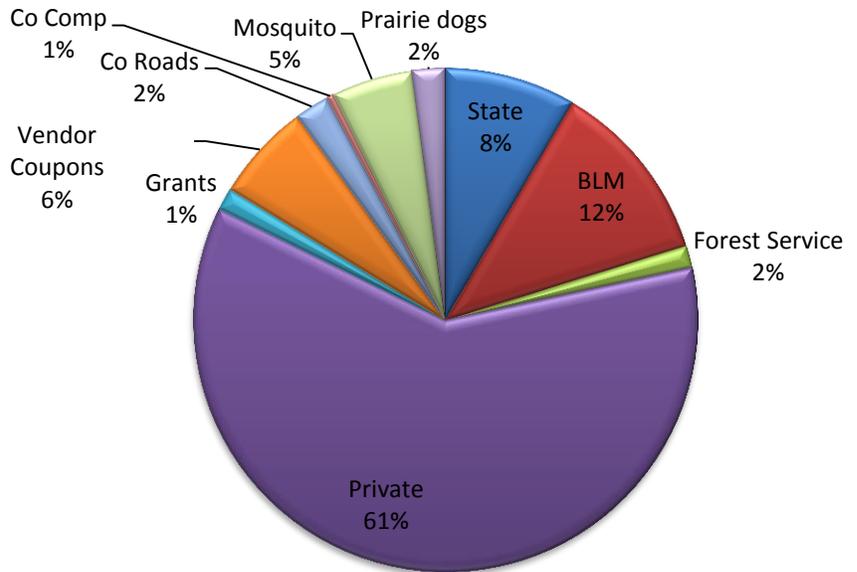


**The above map shows the acres covered by the District in 2012. 493 application records were processed during the year. The following graphs show the percentage based on acres of applications and program dollars.**

# Application Percentage



# Program Dollars



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

Private	acres	Labor \$	Equip \$	Herbicide \$	Total \$
General	1996	\$ 74,119.72	\$ 10,923.30	\$ 36,956.42	\$ 121,999.44
Leafy Spurge	2713	\$ 121,138.75	\$ 16,561.60	\$ 33,525.29	\$ 171,225.64
Salt Cedar	1703	\$ 30,502.13	\$ 21,152.90	\$ 80,823.01	\$ 132,478.04
<b>Totals</b>	<b>6412</b>	<b>\$ 225,760.60</b>	<b>\$ 48,637.80</b>	<b>\$ 151,304.72</b>	<b>\$ 425,703.12</b>

## Government Agencies

### 2012 Bureau of Land Management

BLM	acres	Labor \$	Equip \$	Herbicide \$	Total \$
General	182.7	\$ 14,872.66	\$ 398.50	\$ 2,519.03	\$ 17,790.19
Leafy Spurge	380	\$ 19,853.20	\$ 125.00	\$ 11,782.88	\$ 31,761.08
Salt Cedar	0				
<b>Totals</b>	<b>562.7</b>	<b>\$ 34,725.86</b>	<b>\$ 523.50</b>	<b>\$ 14,301.91</b>	<b>\$ 49,551.27</b>

### 2012 State Lands

State	acres	Labor \$	Equip \$	Herbicide \$	Total \$
General	73	\$ -	\$ 187.00	\$ 1,253.28	\$ 1,440.28
Leafy Spurge	905.4	\$ 17,176.85	\$ 2,782.50	\$ 30,155.58	\$ 50,114.93
Salt Cedar	89.3	\$ 1,799.98	\$ 1,379.60	\$ 4,403.00	\$ 7,582.58
<b>Totals</b>	<b>1067.7</b>	<b>\$ 18,976.83</b>	<b>\$ 4,349.10</b>	<b>\$ 35,811.86</b>	<b>\$ 59,137.79</b>

### 2012 Forest Service

Forest Service	acres	Labor \$	Equip \$	Herbicide \$	Total \$
General	22.5	\$ 6,071.20	\$ 800.50	\$ 521.47	\$ 7,393.17
Leafy Spurge	5.5	\$ 2,417.44	\$ 142.00	\$ 75.46	\$ 2,634.90
<b>Totals</b>	<b>28</b>	<b>\$ 8,488.64</b>	<b>\$ 942.50</b>	<b>\$ 596.93</b>	<b>\$ 10,028.07</b>

\* \$528.07 over contract

### 2012 Rock Creek Grant

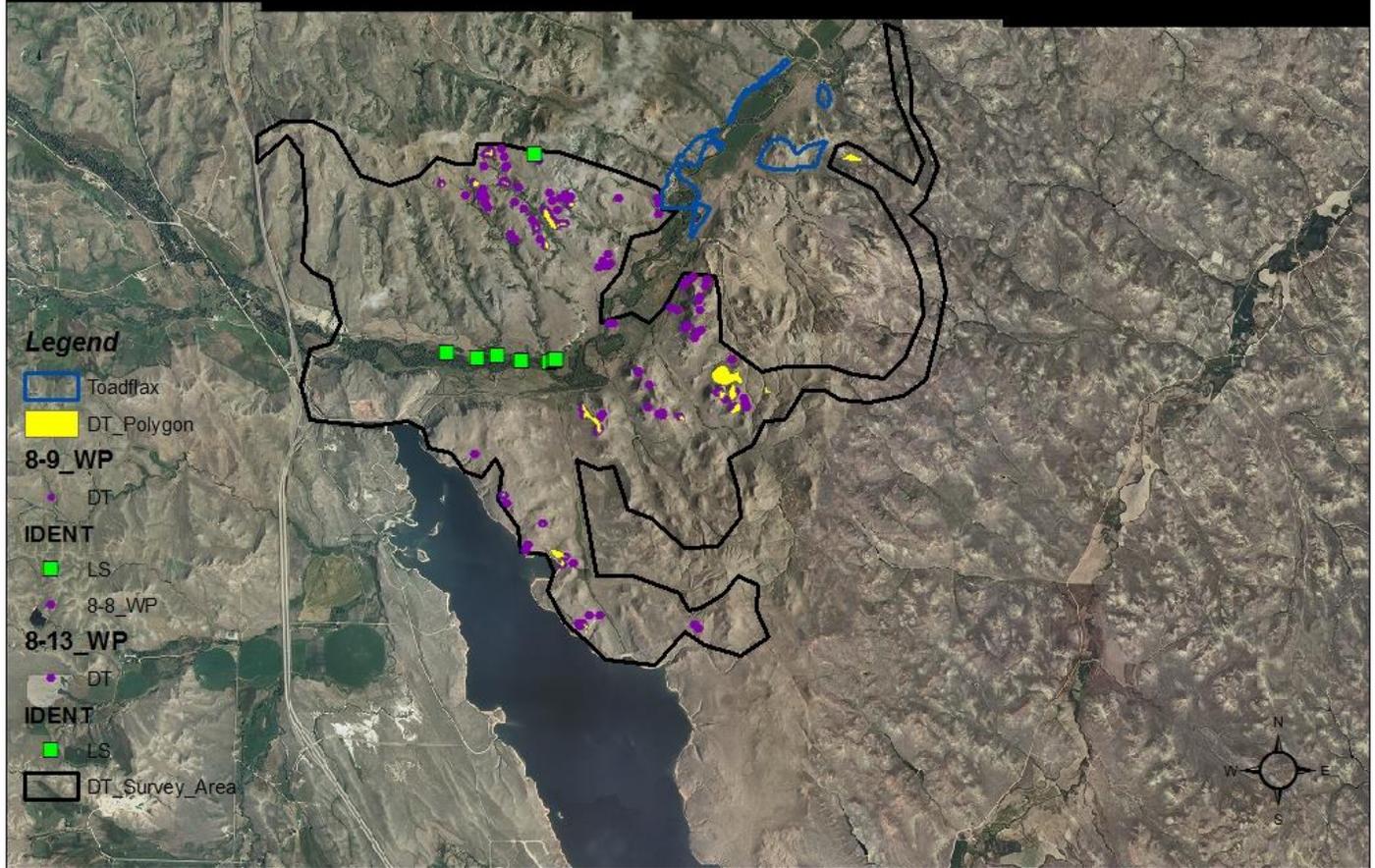
Rock Creek Grant	acres	District \$	L.O. \$	Grant \$
Bud Love	16	\$ -	\$ -	\$ 2,528.18
HF Bar	8	\$ 533.81	\$ 341.57	\$ 133.45
Steerhead	62.5	\$ 3,470.32	\$ 2,130.25	\$ 832.28
<b>Totals</b>	<b>86.5</b>	<b>\$ 4,004.13</b>	<b>\$ 2,471.82</b>	<b>\$ 3,493.91</b>

## 2012 Special Projects and New Programs

In 2012 the District coordinated the spraying of over 1,795.5 acres of Cheatgrass. The District has no authority to cost share on these applications. Rod Litzel, District Supervisor, coordinated the spraying with the aerial applicators he was using for spray projects. The BLM and two landowners reimbursed the District for the applications.

In 2012 the District partnered with the LDCD in completing a survey on Dalmation Toadflax. The LDCD paid half the cost of the survey and the Weed and Pest District completed the survey, as well as, paying the remaining balance of the project. A unique feature of this project was that the employee the conducted the survey used it as a “class project” at Sheridan College.

## 2012 Dalmation Toadflax Survey



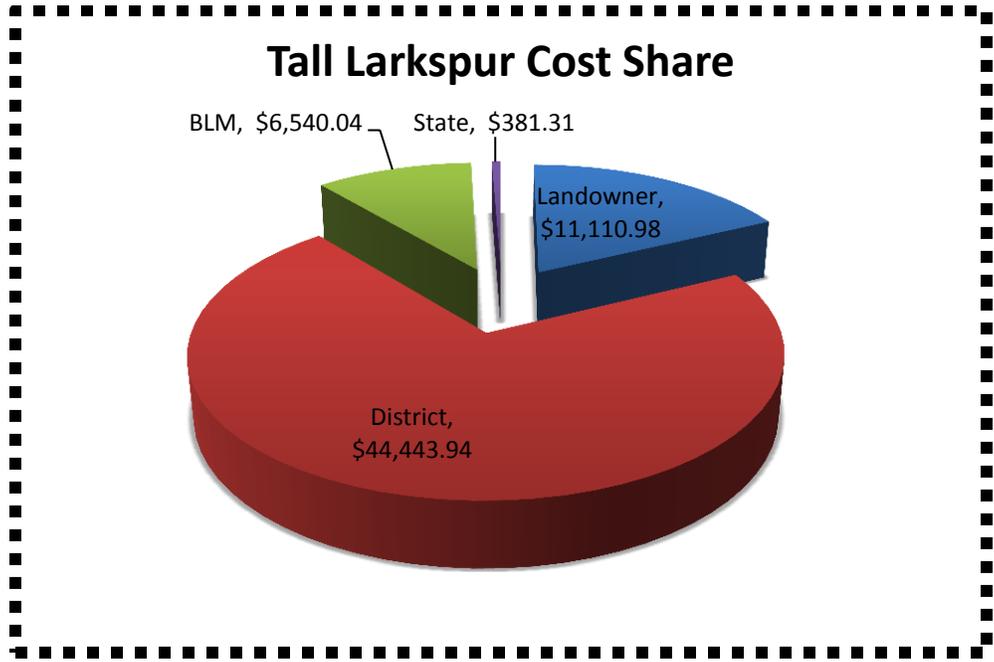
2012 Dalmation Toadflax Survey Cost

Date	Labor	\$ per Hour		ATV	\$ per Hour	
7/31/2012	6.5	\$ 16.80	\$ 109.20	2.4	\$ 18.00	\$ 43.20
8/1/2012	4.5	\$ 16.80	\$ 75.60	1.7	\$ 18.00	\$ 30.60
8/8/2012	6.5	\$ 16.80	\$ 109.20	3.5	\$ 18.00	\$ 63.00
8/9/2012	9	\$ 16.80	\$ 151.20	4.8	\$ 18.00	\$ 86.40
8/13/2012	9	\$ 16.80	\$ 151.20	4.8	\$ 18.00	\$ 86.40
			<b>\$ 596.40</b>			<b>\$ 309.60</b>

In 2012 Johnson County suffered from a drought and an intense fire season. Some landowners were devastated by what became known as the “Cato Fire”. The fire consumed approximately 28,000 acres in an area of Johnson County that the Johnson County Weed & Pest has spent years treating for Leafy Spurge including herbicide applications and Bio Control methods. The District prides itself on being proactive. The Board took action without hesitation to implement the spraying of these acres at no cost to the landowner. Rod Litzel implemented and over saw this large endeavor. The Johnson County Weed & Pest paid the entire cost of spraying 23,500 acres for Leafy Spurge and Cheatgrass; which the District has no authority to cost share on Cheatgrass. Contributors to this project are represented in the following table, with the LCDC and BLM contributing for the estimated cost of the cheatgrass.

Cato Fire Cost Share		
	Contribution	Acres
LDCD	\$ 105,880.26	
State	\$ 33,761.55	3,000
BLM	\$ 15,000.00	570
Sheridan County	\$ 4,635.00	515
Johnson County	\$ 106,414.61	19,415
<b>Total</b>	<b>\$ 265,691.42</b>	<b>23,500</b>

In 2012 the District was approached by several landowners regarding ever increasing invasion of “Tall Larkspur” on the mountains at the southern end of the county. Treating 1348 acres in Johnson County and 84 acres in Washakie County by a combination of aerial and ground applications.



**Johnson County Weed and Pest Control District**

[www.jcweedandpest.com](http://www.jcweedandpest.com)