



## Lewis and Clark County Noxious Weed District **2023 Spray Season Summary**

- **Country Road Right of Ways, Districts 1-10**
- **Special Projects Summary, Weed Spraying & Hydroseeding**
- **Biocontrol, Dalmation Toadflax, Leafy Spurge, Spotted Knapweed**

**Lewis & Clark County Noxious Weed District**

**County Road Right of Ways Summary, DISTRICTS 1 - 10, Spray Season 2023**

Road	Total Miles	Total Gallons Sprayed	Acres Sprayed (Wetted)	Acres Managed	Truck Equipment Cost	UTV Equipment Cost	Total Equipment Cost	Project Time (hrs)	Total Labor Cost	Total Chem Cost	Total Cost application labor chemical
District 1 Totals:	170.1	1356	13.56	329.8909	5139	0	5139	65.97	3426	370.48	8,935.48
District 2 Totals:	124.44	698.01	6.9801	241.3382	1909.5	0	2819.25	37.59	1879.5	155.01	4,853.76
District 3 Totals:	52.72	264.9	2.649	102.2448	1481.25	0	1481.25	19.09	954.5	56.71	2,492.46
District 4 Totals:	87.5	512	5.12	169.697	2058.75	0	2058.75	27.45	1372.5	101.02	3,532.27
District 5 Totals:	105.37	517	5.17	204.3539	2622.75	0	2622.75	34.97	1856.75	110.49	4,589.99
District 6 Totals:	53.67	159.8	1.598	104.0873	1531.5	0	1531.5	20.42	1021	29.98	2,582.48
District 7 Totals:	444.78	1834.8	18.348	862.6036	10638.75	35	10673.75	142.27	7405	467.49	18,546.24
District 8 Totals:	281.3	2069.85	20.6985	545.5515	8473	0	8473	105.79	5677	466.70	14,616.70
District 9 Totals:	541.18	1712	17.12	1049.561	12810	0	12810	170.8	8918	364.66	22,092.66
District 10 Totals:	215.5	665	6.65	417.9394	4026	0	4026	53.68	3194.5	164.67	7,385.17
<b>2023 District Totals:</b>	<b>2076.56</b>	<b>9789.36</b>	<b>97.8936</b>	<b>4027.268</b>	<b>\$50,690.50</b>	<b>\$35.00</b>	<b>\$51,635.25</b>	<b>678.03</b>	<b>\$35,704.75</b>	<b>\$2,287.20</b>	<b>\$89,627.20</b>

**Lewis and Clark County Weed Noxious District  
Special Projects Summary - 2023 Season -**

Billable	Spray Project	Sol. Used (GAL)	Wetted Acres	Total Project Time per crew member	Total Application Cost (Equipment, Labor)	Total Herbicide Cost	Mobilization Fee	Admin Fee	TOTAL COST (Application Herbicide, Mob, Admin)	Comments
X	Rural Improvement Districts	60.00	0.6	1.83	\$311.10	\$23.09	\$120.00	\$0.00	\$454.19	Crack Seal Prep
X	MDT Butte Division	685.00	6.85	30.08	\$6,978.35	\$206.32	\$625.00	\$228.10	\$8,037.77	FY 23
X	MDT Butte Division - Fall Application	420.00	4.2	13.33	\$2,416.10	\$126.50	\$125.00	\$80.03	\$2,747.63	FY 24
X	MDT Great Falls Division	525.00	5.25	10.25	\$2,562.50	\$158.13	\$250.00	\$84.38	\$3,055.01	FY 23
X	MDT Great Falls Division - Fall Application	675.00	6.75	6.05	\$1,593.75	\$266.69	\$250.00	\$63.31	\$2,173.75	FY 24
X	City of Helena	95.00	0.95	1.33	\$166.25	\$40.28	\$0.00	\$0.00	\$206.53	
X	MT FWP, Montana Wild Complex	54.00	0.54	3.75	\$426.25	\$35.81	\$250.00	\$21.36	\$733.42	
X	MT FWP, Fishing Access Sites	255.00	2.55	5.37	\$1,209.50	\$77.25	\$680.00	\$59.00	\$2,025.75	
X	MT FWP, Fishing Access Sites - Fall Application	223.00	2.23	6.90	\$849.10	\$83.14	\$805.00	\$52.12	\$1,789.36	
X	Lincoln Airport	510.00	5.1	5.66	\$834.85	\$93.23	\$187.50	\$33.47	\$1,149.05	Broadcasted
X	Augusta Airport	70.00	0.7	1.13	\$333.35	\$21.08	\$187.50	\$16.26	\$558.19	
X	Beaver Creek Restoration Project (FS Agreement)	620.00	6.2	12.50	\$3,502.00	\$733.08	\$913.08	\$154.44	\$5,302.60	
	Beaver Creek Restoration Project (FS Agreement)	215.00	2.15	10.68	\$1,335.00	\$139.71	\$795.00	\$68.09	\$2,337.80	Co. Non Cash Match
	Spray Days & Cooperative Projects	95.00	0.95	7.25	\$987.50	\$53.30	\$655.00	\$50.87	\$1,746.67	Elk Creek Spray Days & Rush Skeletonweed Task Force
	County Properties	1197.00	11.97	15.84	\$5,139.10	\$990.59	\$0.00	\$184.68	\$6,340.54	
<b>Spray Project TOTALS:</b>		<u>5699.00</u>	<u>56.99</u>	<u>131.95</u>	<u>\$28,644.70</u>	<u>\$3,048.20</u>	<u>\$5,843.08</u>	<u>\$1,096.12</u>	<u>\$38,658.27</u>	
Billable	Hydroseeding Project	Approximate SF	Truck Count	Total Project Time per crew member	Total Application Cost (Equipment, Labor)	Total Material Cost	Mobilization Fee	Admin Fee	TOTAL COST (Application Herbicide, Mob, Admin)	Comments
X	FWP Black Sandy- Hydroseeding Project	7000.00	1	4.00	\$1,800.00	\$587.98	\$0.00	\$0.00	\$2,387.98	Hydroseeding Project
<b>Hydroseeding Project TOTALS:</b>		<u>7000.00</u>	<u>1</u>	<u>4.00</u>	<u>\$1,800.00</u>	<u>\$587.98</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$2,387.98</u>	

## Lewis & Clark County Noxious Weed District 2023 Season Biocontrol Summary

### Dalmatian toadflax

- 26 collections of *Mecinus janthiniformis* (stem weevil) distributed to 15 different landowners
- Collections took place in Clinton (along railroad ROW), Bonner (empty lot) and Missoula (Waterworks Trailhead)
- Collections took place on June 14<sup>th</sup> and 22<sup>nd</sup>, with 4 people attending the first day, and 3 attending the second day
- 250 bugs per collection, for a total of 6500 weevils released in the county

### Leafy spurge

- 28 collections distributed to 17 landowners
  - o 14 collections each of *Oberea erythrocephala* (stem boring beetle) and *Aphthona nigriscutis* (flea beetle)
  - o County noxious weed division released 6 collections to 2 different sites in the county; 1 collection to Silver Creek along Green Meadow Dr and the other 5 collections to Beaver Creek Project
- Collections took place in Missoula at Roseburg Forest Products land
- Collections took place on July 5<sup>th</sup> and 12<sup>th</sup>, with 4 people attending the first day, and 3 attending the second day
- 1200 *Aphthona n.* per collection, for a total of 16,800 beetles and 50 *Oberea e.* per collection, for a total of 700 beetles. 17,500 beetles released for leafy spurge control within the county

### Spotted knapweed

- 25 collections of *Cyphocleonus achates* (root weevil) distributed to 18 different landowners
- Collections took place in Lolo/Florence on Mountain Lion LLC land
- Collections took place on August 14<sup>th</sup> and 15<sup>th</sup>, with 4 people attending the first day, and 3 attending the second day
- 100 bugs per collection, for a total of 2,500 weevils released in the county