

Weed Division

- ## Bio control
- **Leafy Spurge:** We ordered 1,050 bugs that we put out on existing locations in Park City, Henefer, and Marion.
- **Field bindweed:** The SS FFA released more mites around the Kamas Valley and in Woodland. They had two Biocontrol education days that Amber and I taught. They can monitor on site and look at these bugs under micro scopes.
- **Canada thistle:** We released 1,050 Stem mining weevils (*Ceutorhynchus litura*) , We also released 300 stem gall fly's (*Urophora Cardui*). We introduced more rust (*Puccinia punctiformis*) in Chalk Creek and Weber canyon.
- **Spotted Knapweed:** Different departments throughout the state went to Eureka and gathered 31,000of the lesser knapweed seed head weevil (*Larinus Minutus*), 5,000 went to summit county. We also bought and released throughout the county an additional 2,000 of the lesser knapweed seed head weevil (*Larinus Minutus*), 2,100 of the knapweed root weevil (*Cyphocleonus Achates*) , 1,470 of the blunt knapweed seed head weevil (*Larinus Obtusus*).
- **Dalmatian Toadflax:** Toad flax stem boring weevil (*Mecinus Janithiniformis*) collection site in Weber canyon. This year we put a collection day together for people from all over the state. We gathered 7,000 insects to be released in other areas in the state.
- **NEW RELEASE:** Poison Hemlock, We release 1000 defoliating moth(*Agonopterix alstroeneriana*).

Loaner Sprayer Program

- Number of sprayers in program: 105
 - Number of times a sprayer left the shop to be used 332.
 - 11% more than last year and the most ever
- Helicopter
 - We sprayed 2,481 acres this year
- Herbicide sold
 - \$84,870 this year

Acres sprayed by the county employees:

1000 acres for 2019. 800 acres for 2020.

Education Days

- South Summit FFA Bio-Control
 - Knapweed Bugs collection and releases.
 - Field Bind Weed Mites
- North Summit FFA Field Day
 - Mechanically pulled Dyer's Woad at Crandall's property in Park City, Utah.
- New Comer Garden Club
- Park City Day School on Hoary Cress
- Weed book translated into Spanish.

Summit CWMA

Grant Project	Acres	Total	Grant Funded
195,274			
UWSA – SGMA Seeding Trials	NA	\$17,094	\$8,164
ISM Knapweed and Starthistle Control	54	\$33,965	\$33,615
ISM Garlic Mustard Control	200	\$6000	\$6,000
ISM – UWSA: Basin-Pinebrook Noxious Weed Control	75	\$120,614	\$30,318
ISM DuraCor Trials	.1	\$5,559	\$5,110
ISM Garlic Mustard, Knapweed, Pollinators and Revegetation	76 People	\$12,042	\$9,262
Total		\$195,274	\$92,469

Summit CWMA 2021



Grant Project	Grant Funded
ISM Garlic Mustard Control 2020-21	\$71,000
ISM Knapweed and Starthistle Control 2021-22	\$59,689
ISM Garlic Mustard Control – High Elevation 2021-22	\$85,000
ISM Garlic Mustard Control – Low Elevation 2021-22	\$85,000
ISM Yellow Toadflax and Spurge Control 2021-22	\$44,694
Total	\$345,383



JESSICA KIRBY

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WEED WORKER OF THE YEAR