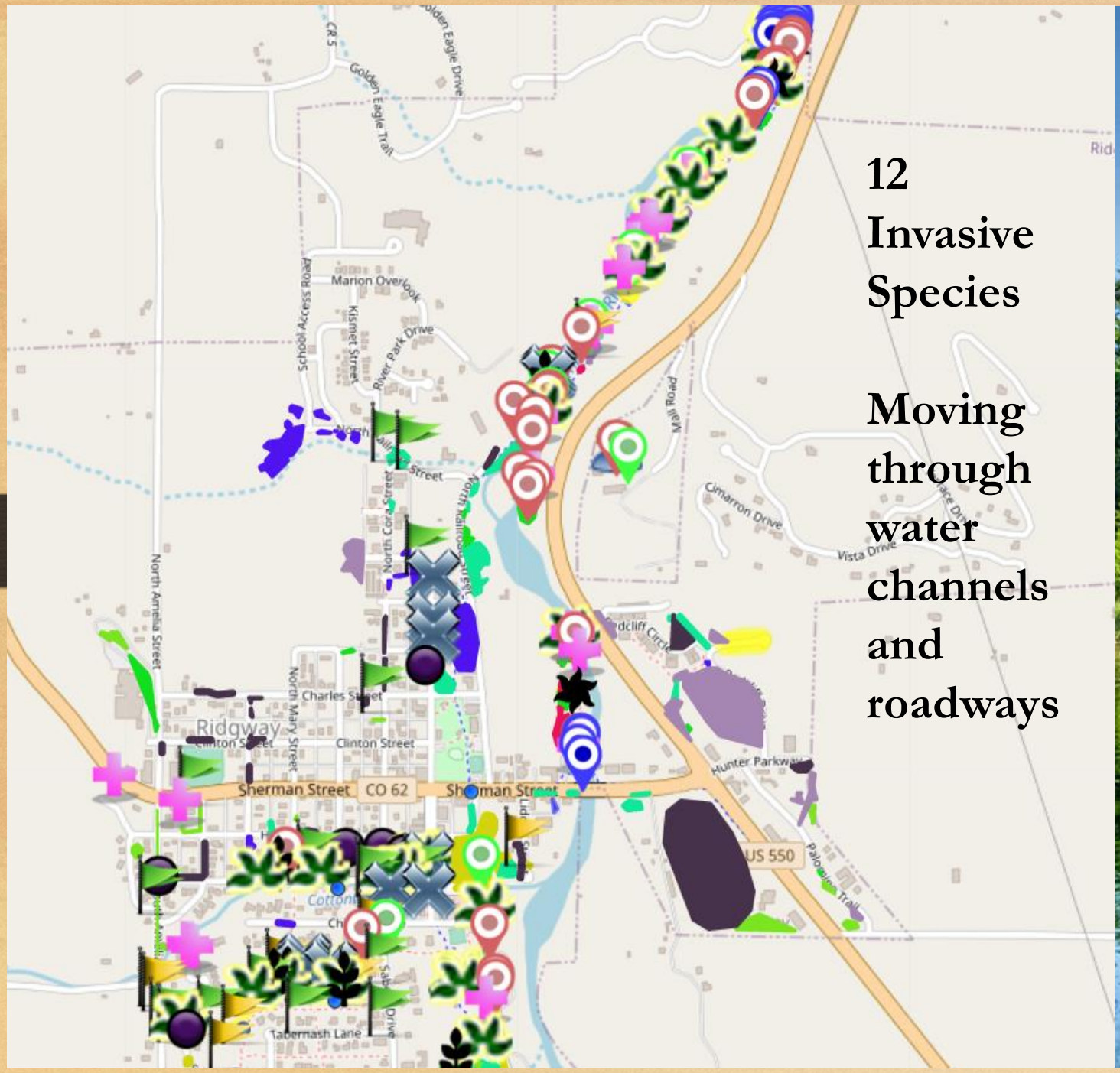
January 12
2022

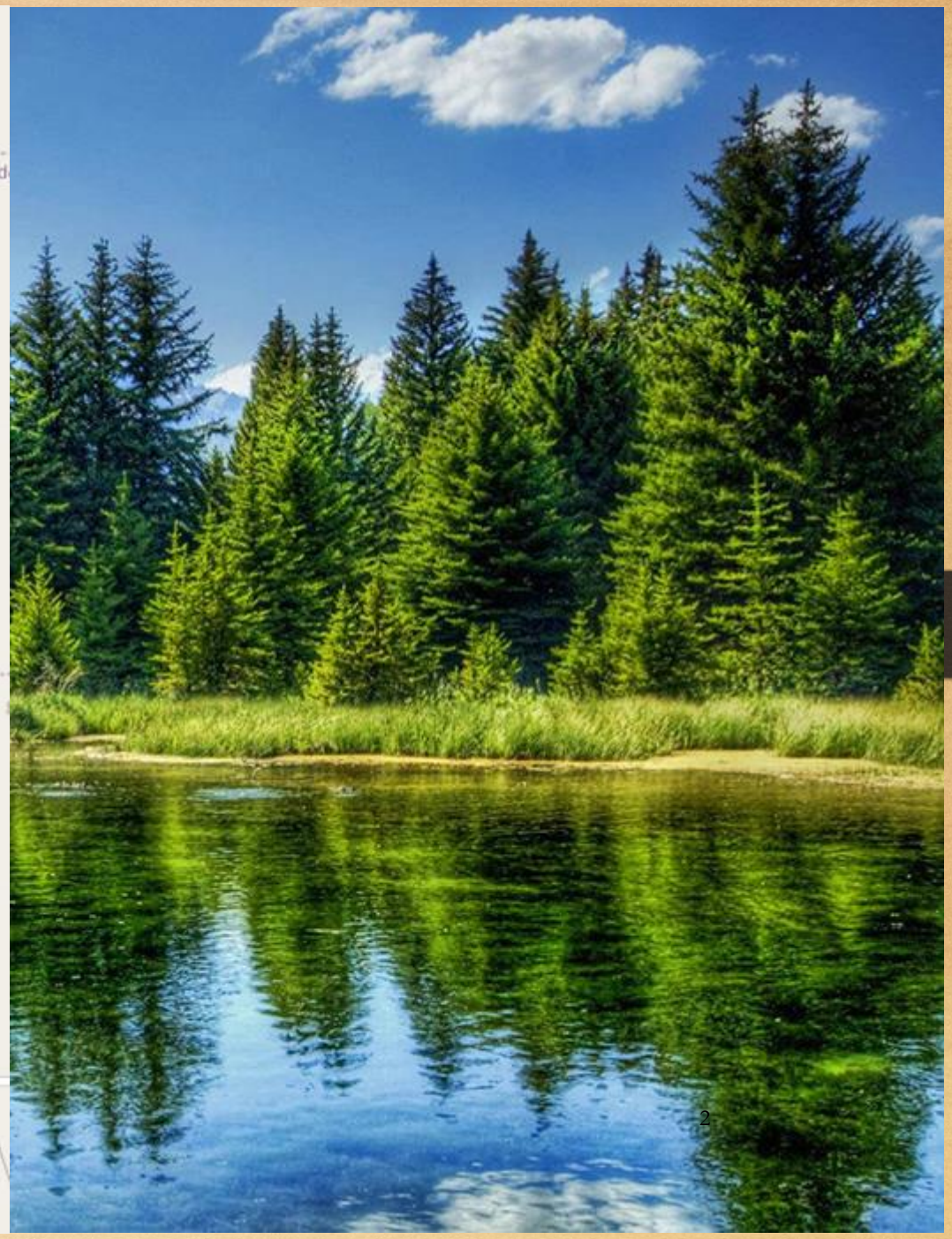
Town of Ridgway

Weed Control



12 Invasive Species

Moving through water channels and roadways



Colorado Noxious Weed Act

Integrated weed management involves cultural, biological, mechanical and chemical means of control and does not rely solely on one method.

- Incorporated municipalities within the county are required by the Colorado Noxious Weed Act to develop and ENFORCE their own weed management plans. Any municipality that fails to develop and ENFORCE a weed control plan, or relevant ordinance is in violation of section 35-5.5-106 of the Colorado Noxious Weed Act

Town of Ridgway Draft Plan March 17 2011 Priority Species and number of species in each area.

Numbers in the circles represent the number of species recorded in that area in 2021	Spotted Knapweed	Canada Thistle	Russian Knapweed	Leafy Spurge	Hoary Cress	Hounds Tongue	Scotch Thistle	Any new found B weed
Uncompahgre River (10)	1.4	2.3						1.0
Lake Otonowanda (6)		2.1						1.0
Uncompahgre Riverway Trail (10)	2.1	2.4	2.3	1.8	3.3	2.7		1.2
Riparian areas, ditches	2.3	2.6	2.4	1.6	3.4	3.1		1.3
Small patches of any B weed	1.1	1.1	1.1	1.0	1.4	1.5	1.3	1.1
Athletic Park esp'lly S ditch (6)	2.1	2.4	2.5			2.4		1.0
Road rights of way (12)	2.6	2.9	2.8	1.6	3.6	3.3		1.6
Trails	2.1	2.6	2.7	1.6	3.6	3.3		1.5

	1.0 - 1.5 (Highest Priority)
	1.6 - 1.9
	2.0 - 2.5
	2.6 - 2.9
	3.0 - 3.5
	3.6 - 4.0 (Lowest Priority)

Torched Weed Killer

Active Ingredients: Cinnamon Oil, Sodium Lauryl Sulfate, Thyme Oil

From The Manufacturer

- Torched is a fast-acting solution that eliminates weeds without the use of dangerous chemicals. Non-selective and highly effective, it even works on stubborn, glyphosate-resistant weeds like marestail and dog fennel. It is FIFRA 25-B Exempt and safe to spray around animals.
- These pesticides are known as FIFRA 25(b) exempt, which means the EPA declares this a minimum risk, pesticides, with little to no risk to man or the environment.
- Kills from leaves to root
- Fast-acting solution
- Safe to spray around garden beds, greenhouses, and poultry houses
- All-natural
- Free from harmful chemicals

AXXE

- USDA Certified Bio-Based

- a consumer that the product contains a USDA-verified amount of renewable biological ingredients.

Products bearing the OMRI Listed® seal have been reviewed and determined to be allowed for organic use in accordance with specific organic standards: the USDA National Organic Program regulations

- From the Manufacturer

- AXXE Broad Spectrum Herbicide is a non-selective, weed control for grasses and broadleaf weeds. It is formulated to deliver maximum performance and provide fast-acting results on a long list of weeds and grasses, as well as most mosses and lichens.
- ACTIVE INGREDIENTS
- Ammonium Nonanoate
- CERTIFICATIONS
- BioPreferred
- OMRI Listed
- No toxic residuals (*breaks down within a few days*)
- Will not migrate through soil
- Non-selective weed control
- Rapid burn down — Results within 24 hours
- Provides up to *4+ weeks* of control
- Labeled for field crops, ornamentals, pastures, turf, and around livestock barns and poultry housing

WHY A HERBICIDE? WHY NOT JUST MOW THE WEEDS?

Besides being very labor intensive, mowing spreads seed, destroys habitat and can encourage suckering from perennial weeds. This only increases the vegetation problem and requires more frequent and intensive management. Dow https://fernie.civicweb.net/document/78751

Caution

- **Milestone**
- Acute Oral Toxicity >5,000 mg/kg
- Acute Dermal Toxicity >5,000 mg/kg
- **Telar**
- Acute Oral Toxicity 4,286 mg/kg
- Acute Dermal Toxicity >5,000 mg/kg

- **Baking Soda**
- Acute Oral Toxicity 4,220 mg/kg
- **Table Salt**
- Acute Oral Toxicity 3,000 mg/kg
- **Caffeine**
- Acute Oral Toxicity 192 mg/kg
- **Nicotine**
- Acute Oral Toxicity 50 mg/kg
- **Vitamin D**
- Acute Oral Toxicity 10mg/kg

OURAY County

Services Offered

NEW: Mechanical Program Ouray county will come weed whack, (and or) pull weeds, and remove the weeds from the property to be incinerated. Cost $100.00 per hour for 2 technicians

Weed Treatments: $110.00 per hour for 2 technicians plus the cost of herbicides (Synthetic or Organic)

Weed Management Plans $100.00

Material	What the heck is it?	LD50 (mg/kg)*	toxic category**
water	You know this one.	90000	practically non-toxic
sucrose	...and this one. Refined from sugar cane or sugar beets	30000	practically non-toxic
citric acid	A chemical in citrus fruits (lemons, oranges, etc)	12000	slightly toxic
ethanol (component in many bevvies)	Hic!	7000	slightly toxic
glyphosate	A broad-spectrum systemic herbicide used to kill weeds brought to market under tradename RoundUp	5600	slightly toxic
sodium bicarbonate (baking soda)	One word: Biscuits	4220	moderately toxic
sodium chloride (table salt)	Not too much now...	3000	moderately toxic
acetaminophen	Whoa...I'm getting a headache	1944	moderately toxic
hydrogen peroxide	Common household product often used industrially for drinking water and waste water treatment	1580	moderately toxic
theobromine	Is a bitter alkaloid of the cacao plant in CHOCOLATE (*What the heck is this doing on this list?)*	1265	moderately toxic
Rotenone	A broad-spectrum insecticide and pesticide approved for use in organic production	132-1500	very toxic
copper sulfate	A compound approved for use in organic production as a fungicide	300	very toxic
caffeine	Gasp. See *italicized* comment on chocolate^	192	very toxic
DDT	Tasteless and almost odorless chemical known for its insecticidal properties. Was used in WWII to control malaria and typhus.	113-800	very toxic
Nicotine	A potent alkaloid found in the nightshade family of plants (Solanaceae) and a stimulant drug and a major contributing factor to the dependence-forming properties of tobacco smoking.	50	extremely toxic
cyanide	Cyanides are produced by certain bacteria, fungi, and algae and are found in a number of plants - used in mining, industrial organic chemistry and for pest control.	10	extremely toxic
	Vitamin D toxicity can occur when you have excessive amounts of vitamin D in your body by megadoses of of vitamin D supplements (not by diet or exposure to		

Getting Rid of Noxious Weeds is a Community Effort

Noxious Weeds Destroy the Environment