

## Herbicide Control of Dalmatian Toadflax

**Background:** Dalmatian toadflax is a hard to control invasive perennial forb. Herbicide options are limited and have been reported by many to be ineffective. To effectively manage Dalmatian Toadflax, both the perennial growth and the seedbank must be managed.

**Goal:** Identify the best herbicide management strategy to *both* effectively control Dalmatian Toadflax and protect surrounding desirable vegetation.

Treatment	Herbicides	Dalmatian Toadflax Cover 1YAT *	Species Richness 1YAT
1	Untreated	50.25% A	6.25
2	Esplanade 5oz	37.5% A	6
3	Esplanade 7oz	37.5% A	7.5
4	Method 8oz	1% B	5.5
5	Method 8oz Esplanade 5oz	0.5% B	6
6	Method 8oz Esplanade 7oz	0.5% B	8.5
7	Telar XP 2oz	1% B	7.5
8	Telar XP 2oz Esplanade 5oz	0.5% B	8.75
9	Telar XP 2oz Esplanade 7oz	0.5% B	7.5
10	Tordon 22K 1qt	1% B	5.75
11	Tordon 22K 1qt Esplanade 5oz	0.5% B	6.25
12	Tordon 22K 1qt Esplanade 7oz	0.75% B	7.25
13	Method 4oz	1% B	7.25
14	Method 12oz	1% B	6
15	Method 16oz	0.5% B	3.75
16	Telar XP 1.5oz	1% B	8
17	Telar XP 3oz	0.75% B	8.5
18	Telar XP 4oz	0% B	7.5
19	Tordon 22K 0.5qt	0.5% B	6
20	Tordon 22K 1.5qt	0.75% B	5.5
21	Tordon 22K 2qt	1% B	5

\* Treatments sharing the same letter are statistically the same.