

Ragweed Control in Overgrown Areas

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Educational Objectives

- Determine chemical control of mature Ragweed
- Determine chemical control of ragweed in areas that are too rough to brush hog
- Determine what chemical control measures were effective and not cost prohibitive
- Distribute educational data about Ragweed control to landowners and producers through:
 - one on one consultations
 - social media
 - Visual observance

Teaching Methods

- We utilized our ability to reach producers at meetings and farm visits to discuss the control of mature ragweed.
- One on one consultations have been applied.
- Social media platforms were used to expand, increase, and maintain our audience outreach
- Our Facebook feed has continually increased, in which Ragweed control was featured.
- Phone calls, emails, and visual observance was utilized

Research Demonstration

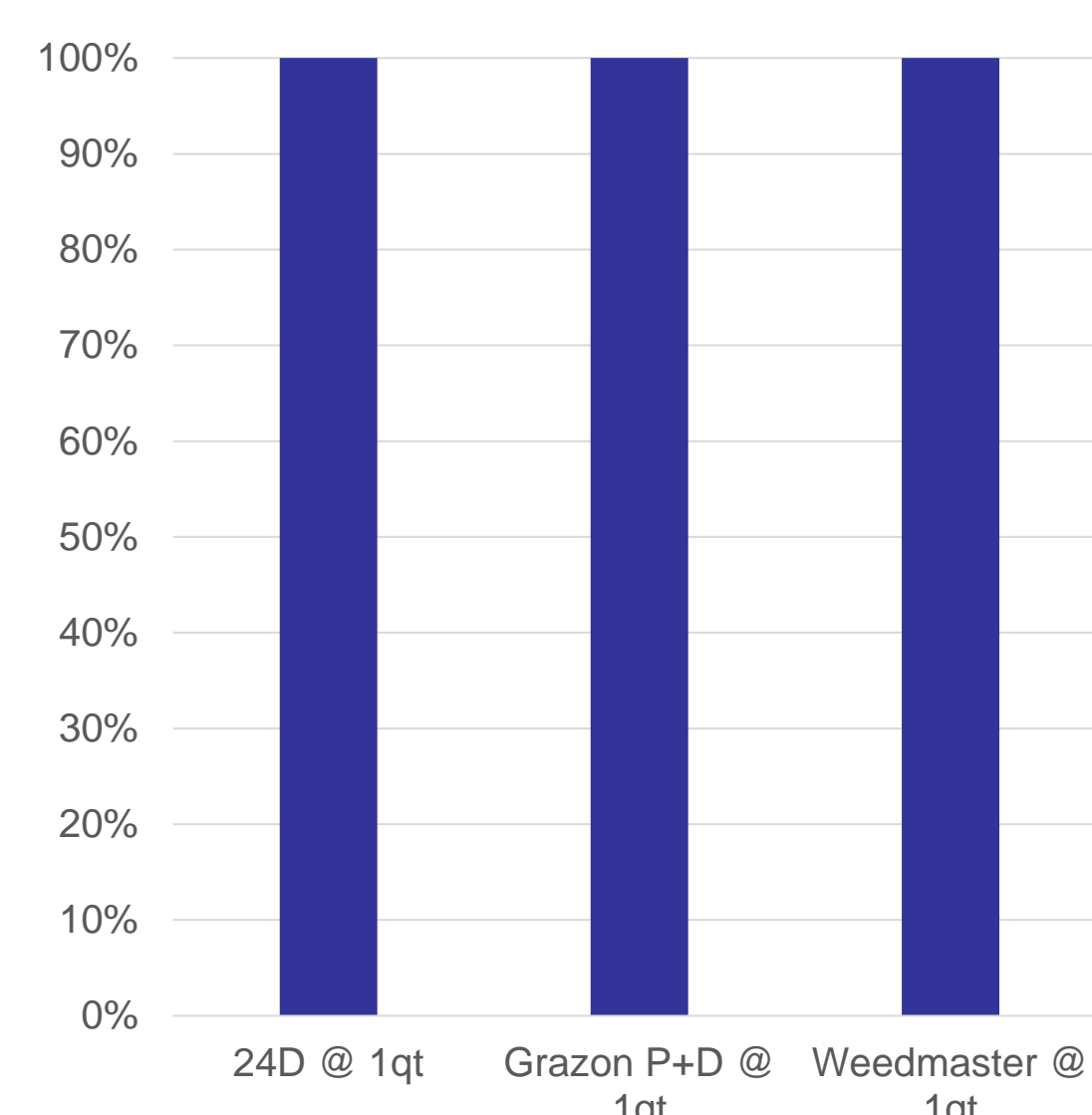
Treatments were applied June 20th, 2022 and Rated August 9th 2022

See below pictures representing treatment date first then rating date

Control, 24D @ 1 qt/acre, Grazon P+D @ 1 qt/acre, and Weedmaster @1 qt/acre were evaluated.

| Treatment # | Treatment Name | Rate/Ac | Percent Control | \$ Approximate / Ac |
|-------------|----------------|---------|-----------------|---------------------|
| 1 | 24D | 1 qt | 100% | \$7.00 / Ac |
| 3 | Grazon P+D | 1 qt | 100% | \$9.50 / Ac |
| 5 | Weedmaster | 1 qt | 80% | \$9.50 / Ac |

Ragweed Control in Ponds - based on 1 acre rates



Impact

- With the high cost of repairing equipment it was imperative to be able to control this area with chemical. With the amount of logs and other obstacles that could not have been seen or avoided it would have been impossible to mechanically control this area without having significant damage to equipment.
- Research has shown that ragweed is readily controlled with many herbicides available to the producers
- Demonstrations were conducted to determine the impact of each herbicide application and develop an overall cost vs. outcome scenario to benefit producers.
- This case study identified that all three chemicals provided equal control of the target weed and that the cheapest option could be selected by the producer.
- After reviewing findings:
 - Results were published social media platforms
 - Landowner was able to continue to utilize this resource as part of his personal operation.
 - Data collected through this trial has provided valuable information for the producers in the surrounding area