

Pigweed Control in Late Season Pastures

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Educational Objectives

- Determine chemical control of mature Pigweeds
- Determine if drought conditions would have an effect on control
- Determine what chemical control measures were effective and not cost prohibitive
- Distribute educational data about Pigweed to landowners and producers through:
 - one on one consultations
 - social media
 - Visual observance

Teaching Methods

- Covid restrictions have reduced our ability to include this material in a classroom style educational situation or, even to a degree, face to face situations.
- One on one consultations have been applied (Covid restrictions considered).
- Social media platforms were used to expand, increase, and maintain our audience outreach
- Our Facebook feed has continually increased, in which Pigweed control was featured.
- Phone calls, emails, Zoom, and Site Visits as Covid friendly educational opportunities were also offered

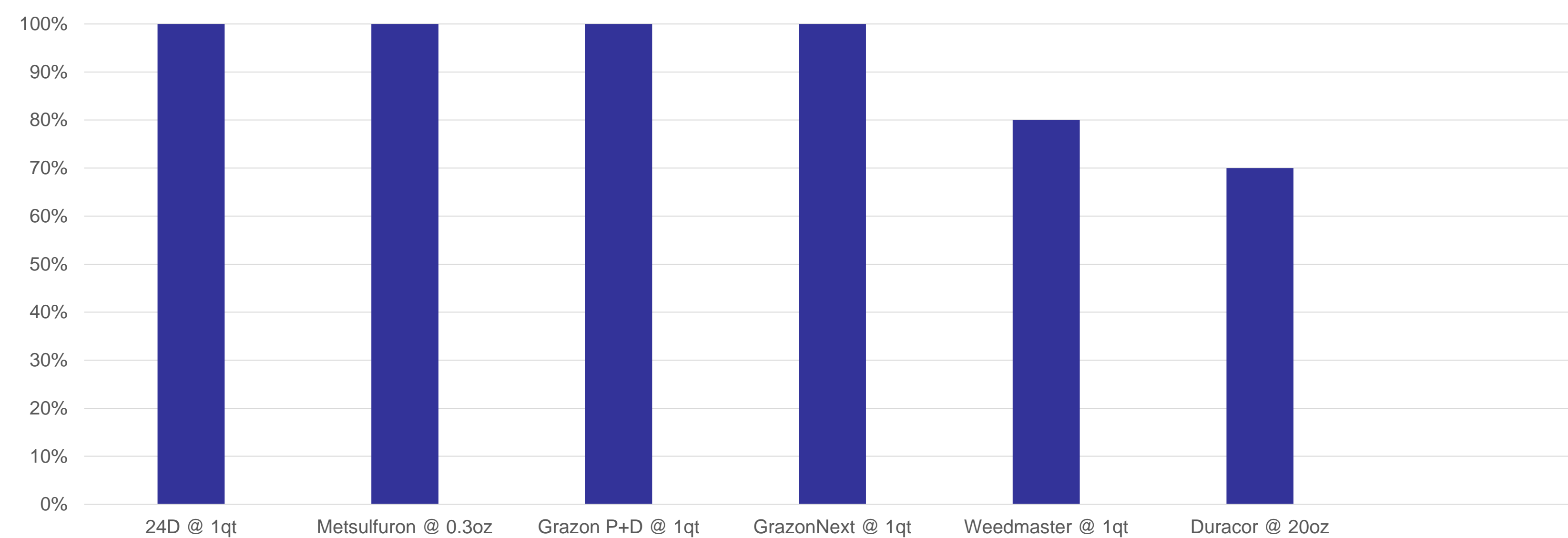
Research Demonstration

Treatments were applied July 30, 2021, and rated on August 20, 2021
 See below pictures representing treatment date first then rating date

Control, 24D @ 1 qt/acre, Metsulfuron @ 0.3 oz/acre, Grazon P+D @ 1 qt/acre, Grazon Next @ 1 qt/acre, Weedmaster @ 1qt/acre and Duracor @ 20oz/acre were evaluated.

Treatment #	Treatment Name	Rate/Ac	Percent Control	\$ Approximate / Ac
1	24D	1 qt	100%	\$6.94 / Ac
2	Metsulfuron	0.3 oz	100%	\$1.92 / Ac
3	Grazon P+D	1 qt	100%	\$8.90 / Ac
4	Grazon Next	1 qt	100%	\$14.87 / Ac
5	Weedmaster	1 qt	80%	\$10.00 / Ac
6	Duracor	20 oz	70%	\$22.01/Ac

Pigweed Control in Ponds - based on 1 acre rates



Impact

- Research has shown very little mechanical control of Pigweed.
- Research has shown that chemical control options are available for Pigweed.
- 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 2 chemicals that would be the preferred method of treatment in most instances; 2,4D and Metsulfuron
- After reviewing findings:
 - The landowner was provided with the results via phone and site visit
 - Results were published social media platforms
 - A statewide report was sent out via email to all other agents and immediate supervisor
- 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

