EVALUATION OF VARIOUS HERBICIDE AND OIL MIXES FOR IPT HUISACHE CONTROL

Jack & Mary Greeson and Herbert & Martha Watts, Cooperators, (2008)
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SUMMARY:

Huisache is the number one major brush specie for most area producers. Left alone, it will rob livestock producers of grazable acres and consume considerable amounts of water due to its extensive root system.

A complete evaluation of this demonstration will be conducted next fall.

OBJECTIVES:

To evaluate various herbicide treatments and their carriers for efficacy in controlling huisache.

MATERIALS and METHODS:

Ten adjoining plots were marked of at 50' intervals. Huisache plants varied in diameter and height. Treatments were applied on October 21, 2008 using a backpack sprayer. A one gallon mixture of each treatment was spayed out. Surf Plus surfactant was used at 2.5% on noted treatments. Flagging tape was used to mark between treatments. Treated plants were counted and recorded.

Basal Treatments

1. Remedy (14%) + Milestone (.5%) + Diesel
2. Remedy (14%) + Diesel
3. Diesel (100%)
4. Remedy (14%) + Diesel + Water + Surf Plus
5. Diesel +Water + Surf Plus
6. Remedy (14%) + Estes Basal Oil

Foliar Treatments

7. Grazon P+D (1%) + Water + Surf Plus
8. Milestone (.33%) + Water + Surf Plus
9. Milestone (1%) + Water + Surf Plus
10. Grazon Next (1%) + Water + Surf Plus

RESULTS and DISCUSSIONS:

Treatments were evaluated on December 3, 2008.

Treatment #	# of Treated Plants	% of Plants Completely Defoliated
1	89	98
2	110	84
3	92	83
4	115	74
5	91	10
6	49	86
7	25	92
8	51	88
9	31	81
10	43	84

Percent total plant defoliation at 42 days does not tell us much as it relates to plant kill. A more thorough evaluation will be conducted in 2009.

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DISCLAIMER CLAUSE:

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