Mesquite Control

Cooperator: Leo Jarzombek
Date Established: 6/15/05
Species: 2-4' Regrowth Mesquite
Applicator: (1) Extension Broom Sprayer
(2) Backpack Sprayer
Plot Size: .25 ac.

Treatments:

1. Surmount - 2 Qts./ac.
2. Surmount - 3 Qts./ac.
3. Pasture Grad - 2 Qts./ac.
4. Pasture Gard - 3 Qts./ac.
5. Tordon 22K + Remedy - 2 Pts. + 1 Pt./ac.
6. Cimarron Max Rate II - (.3 oz. Ally + 2 pts. Weedmaster + 8 oz. 2,4-D)
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8. Cimarron Max Rate II - (.3 oz. Ally + 3 pts. Weedmaster)
9. Cimarron Max Rate III - (1 oz. Ally + 4 pts. Weedmaster + 1 pt. 2,4-D)
10. Individual - (Surmount 1% - 1 gallon
Surmount/100 gallons water)

TABLE 1.	Ratings (9/2/05)		
Treatment	**% No Control**	**% Flagging**	**% Defoliated**
1	5%	15%	80%
2	1%	5%	94%
3	5%	15%	80%
4	5%	5%	90%
5	0%	5%	95%
6	5%	15%	80%
7	8%	20%	72%
8	5%	20%	75%
9	5%	15%	80%
10	0%	15%	85%

TABLE 2:	Ratings (7/31/06)				
Treatment	**% DEAD**	**<25% Flagging**	**25% - 50% Flagging**	**>50% Flagging**	**No Control**
1	15%	40%	30%	15%	0%
2	25%	50%	20%	5%	0%
3	10%	40%	40%	10%	0%
4	20%	45%	15%	20%	0%
5	40%	30%	20%	10%	0%
6	10%	40%	30%	20%	0%
7	10%	25%	20%	40%	5%
8	10%	30%	25%	35%	0%
9	15%	45%	30%	10%	0%
10	30%	40%	20%	10%	0%

TABLE 3:	Ratings (5/14/07)				
Treatment	**%DEAD**	**<25% Flagging**	**25% - 50% Flagging**	**>50% Flagging**	**No Control**
1	15	15	20	50	0
2	20	15	20	45	0
3	15	10	20	55	0
4	15	30	25	30	0
5	40	20	20	20	0
6	15	10	15	60	0
7	15	10	10	65	0
8	20	15	30	35	0
9	20	20	40	20	0
10	25	30	20	25	0