

Table#1. Beach Plum Seedling Response to Herbicides.

				Percent Injury			Plant Height (in.)		Plant Width (in.)	
TREATMENT		Rate		7/5/2001*	9/6/1997	7/1/2002**	6/30/1998	9/3/1998	6/30/1998	9/3/1998
Chemical Name	Trade Name	Form	lb/a a.i.	2 WAT	11 WAT	6 WAT	6 WAT	15 WAT	6 WAT	15 WAT
Untreated	~	~	~	4	2	4	16	22	15	21
Oryzalin	Surflan	4 AS	1	3	5	0	16	22	14	21
Oryzalin	Surflan	4 AS	2	9	7	0	16	26	19	29
Oryzalin	Surflan	4 AS	4	5	14	4	13	16	12	15
Napropamide	Devrinol	50 DF	2	9	5	3	17	21	15	22
Napropamide	Devrinol	50 DF	4	6	8	6	18	27	16	28
Napropamide	Devrinol	50 DF	8	6	3	5	17	27	16	27
Simazine	Princep	90 WDG	0.5	6	9	10	19	28	20	30
Simazine	Princep	90 WDG	1	13	8	4	16	23	15	25
Simazine	Princep	90 WDG	2	12	33	14	18	27	14	25
Fluazifop-p	Fusilade	2 L	0.125	6	2	~	~	~	~	~
Fluazifop-p	Fusilade	2 L	0.25	6	2	~	~	~	~	~
Fluazifop-p	Fusilade	2 L	0.5	6	2	~	~	~	~	~
<i>Fishers LSD 0.05</i>				8	9	10	4	10	6	12

*First year seedlings transplanted 6/22/01. Treatments applied 6/23/01. Values represent average of three plants per plot, 4 replicates.

**Second year retreatments applied to same plants as 2001 on 5/20/02.

Means within a column followed by the same letter are not significantly different according to Fishers LSD at the 5% level.