

Table 1. Injury to broadleaf weeds at 3 weeks after treatment with postemergence applications of isoxaben alone or as a tank mix with 2,4-D plus dicamba.

Treatment <sup>a</sup>	Rate (kg /ha)	Visual injury								L.S.D (0.05)
		Dandelion	Lespedeza	White clover	Black medic	Yellow woodsorrel	Spotted spurge	Florida betony	Buckhorn plantain	
						%				
Control		5	3	3	3	2	1	3	2	12
Isoxaben	0.56	5	5	9	5	4	2	34	5	8
Isoxaben	1.12	16	13	23	7	8	4	43	4	10
Isoxaben	2.24	21	38	30	17	5	5	62	15	12
Linear <sup>c</sup>		NS	NS	NS	NS	NS	NS	*	NS	-
2,4-D	1.12	88	88	97	100	54	45	81	74	15
+ Dicamba	0.37									
Isoxaben	1.12	96	100	99	100	65	53	85	86	8
+ 2,4-D	1.12									
+Dicamba	0.37									
L.S.D (0.05)		10	30	14	5	27	16	14	14	-

<sup>a</sup> Results from isoxaben rates were subjected to linear regression. An ‘\*’ means significant regression at  $P=0.05$ .

Table 2. Shoot fresh weight of broadleaf weeds at 6 weeks after treatment and regrowth of Florida betony at 4 weeks after first harvest as affected by postemergence application of isoxaben alone or as a tank mix .

Treatment <sup>b</sup>	Rate (kg /ha)	Shoot Fresh Weight reduction <sup>a</sup>								L.S.D (0.05)	Florida betony regrowth % Redn.
		Dandelion	Lespedeza	White clover	Black medic	Yellow woodsorrel	Spotted spurge	Buckhorn plantain	Florida betony		
Control		0	0	0	0	0	0	0	0	-	0
Isoxaben	0.56	1	0	25	13	15	0	40	12	19	18
Isoxaben	1.12	13	23	18	35	6	23	50	24	22	32
Isoxaben	2.24	25	45	66	65	25	0	42	45	22	71
Linear		*	*	NS	NS	NS	NS	NS	*	-	-
2,4-D	1.12	98	86	97	100	67	46	87	91	28	22
+ Dicamba	0.37										
Isoxaben	1.12	99	94	100	100	69	75	92	91	35	66
+ 2,4-D	1.12										
+ Dicamba	0.37										
L.S.D (0.05)		34	17	35	48	35	41	21	14		41

<sup>a</sup> Shoot fresh weights (g) for untreated flats were: dandelion, 9.2; lespedeza, 0.9; white clover, 8.8; black medic, 3.1; yellow woodsorrel, 5.3; spotted spurge, 0.7; buckhorn plantain, 5.7; and Florida betony 7.2, 5.75 (regrowth).

<sup>b</sup> Results from the isoxaben rates were subjected to linear regression. An ‘\*’ means significant regression at  $P=0.05$ .