

Table 1. Yellow rocket control as affected by spring (S), fall (F) and spring plus fall (SF) application of isoxaben and oxadiazon in 1994 using a soil bioassay.

		Percent control <sup>a</sup>																			
Treatment	Rate (kg/ha)	0 MAT				1 MAT				3 MAT				6 MAT				9 MAT			
		Appln. Timing			L.S.D (0.05)	Appln. Timing			L.S.D (0.05)	Appln. Timing			L.S.D (0.05)	Appln. Timing			L.S.D (0.05)	Appln. Timing			L.S.D (0.05)
		S	F	SF		S	F	SF		S	F	SF		S	F	SF		S	F	SF	
Oxadiazon	3.36	80	91	100	NS	69	85	84	73	57	50	33	NS	13	27	60	43	0	0	3	NS
Isoxaben	0.56	99	100	97	NS	94	92	100	NS	59	89	91	26	69	87	86	25	25	17	19	NS
Isoxaben	0.84	100	100	100	NS	85	94	92	NS	69	87	98	14	21	73	76	19	11	0	22	NS
Isoxaben	1.12	100	100	100	NS	85	97	97	NS	75	99	95	16	61	86	89	16	24	38	56	20
L.S.D (0.05)		22	16	16	-	21	26	26	-	17	27	27		41	34	34		NS	NS	31	
Count in Control		68	26	26	-	35	25	25	-	34	35	35	-	35	12	12	-	12	8	8	-

<sup>a</sup> Percent control was calculated by comparing weed count in the treated flats to that in the untreated flats.

Table 2. Yellow rocket control as affected by fall application of isoxaben and oxadiazon in 1995 using a soil bioassay.

Treatment	Rate (kg/ha)	Percent control <sup>a</sup>					L.S.D (.05)
		0 MAT	1 MAT	3 MAT	6 MAT	9 MAT	
Oxadiazon	3.36	52	38	0	24	0	36
Isoxaben	0.56	90	78	59	75	18	25
Isoxaben	0.84	100	94	85	90	0	21
Isoxaben	1.12	100	94	90	78	24	24
Count in Control		21	20	11	20	12	-
L.S.D (0.05)		41	NS	NS	21	NS	

<sup>a</sup> Percent control was calculated by comparing weed count in the treated flats to that in the untreated flats.

Table 3. Buckhorn plantain control as affected by spring (S), fall (F) and spring plus fall (SF) application of isoxaben and oxadiazon in 1994 using a soil bioassay.

Treatment	Rate (kg/ha)	Percent control <sup>a</sup>																			
		0 MAT				1 MAT				3 MAT				6 MAT				9 MAT			
		Appln. Timing			L.S.D	Appln. Timing			L.S.D	Appln. Timing			L.S.D	Appln. Timing			L.S.D	Appln. Timing			L.S.D
S	F	SF	(0.05)	S	F	SF	(0.05)	S	F	SF	(0.05)	S	F	SF	(0.05)	S	F	SF	(0.05)		
Oxadiazon	3.36	47	30	36	32	41	0	11	NS	25	18	33	NS	0	19	15	25	0	14	0	NS
Isoxaben	0.56	89	94	96	NS	48	54	89	NS	41	54	60	16	9	31	52	NS	13	14	35	13
Isoxaben	0.84	95	100	100	NS	85	79	85	NS	52	59	75	11	0	10	41	24	11	16	25	NS
Isoxaben	1.12	99	100	100	NS	99	87	89	NS	57	75	78	16	18	60	58	20	24	9	18	NS
L.S.D (0.05)		16	44	44		36	28	28		NS	17	17		NS	18	18		NS	NS	NS	
Count in Control		58	60	60		63	64	64		35	42	42		42	20	20		20	23	23	

<sup>a</sup> Percent control was calculated by comparing weed count in the treated flats to that in the untreated flats.

Table 4. Buckhorn plantain control as affected by fall application of isoxaben and oxadiazon in 1995 using a soil bioassay.

Treatment	Rate (kg/ha)	Percent Control <sup>a</sup>					L.S.D (0.05)
		0 MAT	1 MAT	3 MAT	6 MAT	9 MAT	
Oxadiazon	3.36	25	30	0	22	0	NS
Isoxaben	0.56	94	61	49	7	18	14
Isoxaben	0.84	92	85	70	63	0	12
Isoxaben	1.12	94	86	93	63	24	15
L.S.D (0.05)		18	18	34	48	NS	
Count in Control		40	39	18	7	12	

<sup>a</sup> Percent control was calculated by comparing weed count in the treated flats to that in the untreated flats.

Table 5. Spotted spurge control as affected by spring (S), fall (F) and spring plus fall (SF) application of isoxaben and oxadiazon in 1994 using a soil bioassay.

		Percent control <sup>a</sup>														
Treatment	Rate (kg/ha)	0 MAT				1 MAT				3 MAT				6 MAT		
		Appln. Timing			L.S.D (0.05)	Appln. Timing			L.S.D (0.05)	Appln. Timing			L.S.D (0.05)	Appln. Timing		
		S	F	SF		S	F	SF		S	F	SF		S	F	SF
Oxadiazon	3.36	40	56	68	NS	41	13	0	32	16	63	73	45	2	-	-
Isoxaben	0.56	62	76	84	11	70	4	44	46	20	57	39	NS	44	-	-
Isoxaben	0.84	84	68	76	11	76	9	38	61	46	33	59	NS	41	-	-
Isoxaben	1.12	85	84	100	10	76	52	71	NS	12	58	60	29	0	-	-
L.S.D (0.05)		19	NS	NS		15	NS	51		NS	26	26		34		
Count in Control		201	17	17		86	12	12		23	47	47		47	0	0

<sup>a</sup> Percent control was calculated by comparing weed count in the treated flats to that in the untreated flats.