

(04PAW)

Ohio State University
Horticulture and Crop Science

EFFECT OF APPLICATION TIME ON DANDELION CONTROL

Trial ID: 04PAW Study Dir.: Anthony F. Dobbels
Location: WESTERN ENTOMOLOGY W-4 Investigator: Dr. Mark M. Loux

Weed Code	TAROF	TAROF	TAROF	TAROF	TAROF	TAROF	TAROF					
Crop Code	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL					
Rating Data Type	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT					
Rating Unit	4-1-04	5-7-04	5-27-04	7-8-04	7-28-04	7-28-04	8-4-04					
Rating Date	150 DA-A	8 DA-E	AT PLANT	AT POST	28 DAPO	28 DAPO						
Trt-Eval Interval	0	0	0	0	0	0	0					
# Subsamples, Dec.												
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
1	2,4-D ESTER	2	pt/a	FALL	A	85	27	33	57	55	65	8
2	ROUNDUP WEATHERMAX	22	oz/a	FALL	A	96	33	63	63	60	72	9
2	AMS	4	qt/a	FALL								
3	ROUNDUP WEATHERMAX	22	oz/a	FALL	A	99	40	67	75	68	78	4
3	2,4-D ESTER	2	pt/a	FALL								
3	AMS	4	qt/a	FALL								
4	2,4-D ESTER	2	pt/a	APR-1	B		47	70	70	57	67	11
5	ROUNDUP WEATHERMAX	22	oz/a	APR-1	B		75	78	57	47	57	11
5	AMS	4	qt/a	APR-1								
6	ROUNDUP WEATHERMAX	22	oz/a	APR-1	B		75	87	63	47	57	8
6	2,4-D ESTER	2	pt/a	APR-1								
6	AMS	4	qt/a	APR-1								
7	2,4-D ESTER	2	pt/a	APR-10	C		43	73	47	50	60	9
8	ROUNDUP WEATHERMAX	22	oz/a	APR-10	C		88	88	72	47	57	8
8	AMS	4	qt/a	APR-10								
9	ROUNDUP WEATHERMAX	22	oz/a	APR-10	C		82	96	87	53	65	7
9	2,4-D ESTER	2	pt/a	APR-10								
9	AMS	4	qt/a	APR-10								
10	2,4-D ESTER	2	pt/a	APR-20	D		37	63	47	40	50	9
11	ROUNDUP WEATHERMAX	22	oz/a	APR-20	D		37	72	53	43	57	8
11	AMS	4	qt/a	APR-20								
12	ROUNDUP WEATHERMAX	22	oz/a	APR-20	D		57	86	67	53	65	9
12	2,4-D ESTER	2	pt/a	APR-20								
12	AMS	4	qt/a	APR-20								
13	2,4-D ESTER	2	pt/a	APR-30	E		50	58	67	53	60	5
14	ROUNDUP WEATHERMAX	22	oz/a	APR-30	E		20	82	75	57	65	8
14	AMS	4	qt/a	APR-30								
15	ROUNDUP WEATHERMAX	22	oz/a	APR-30	E		57	87	77	63	70	6
15	2,4-D ESTER	2	pt/a	APR-30								
15	AMS	4	qt/a	APR-30								
16	2,4-D ESTER	2	pt/a	MAY-10	F		0	68	73	57	67	12
17	ROUNDUP WEATHERMAX	22	oz/a	MAY-10	F		0	90	68	50	60	20
17	AMS	4	qt/a	MAY-10								
18	ROUNDUP WEATHERMAX	22	oz/a	MAY-10	F		0	89	70	53	65	9
18	2,4-D ESTER	2	pt/a	MAY-10								
18	AMS	4	qt/a	MAY-10								
19	2,4-D ESTER	2	pt/a	MAY-20	G		0	57	73	50	60	13
20	ROUNDUP WEATHERMAX	22	oz/a	MAY-20	G		0	42	63	47	55	12
20	AMS	4	qt/a	MAY-20								
21	ROUNDUP WEATHERMAX	22	oz/a	MAY-20	G		0	60	80	65	78	5
21	2,4-D ESTER	2	pt/a	MAY-20								
21	AMS	4	qt/a	MAY-20								
22	UTC						0	40	27	33	43	27
LSD (P=.05)						2.0	24.6	21.6	18.7	15.8	16.4	9.6
Standard Deviation						0.9	14.9	13.1	11.3	9.6	9.9	5.8
CV						0.94	42.78	18.55	17.43	18.34	15.96	58.19
Replicate F						2.286	1.198	4.430	1.337	5.475	4.849	4.025
Replicate Prob(F)						0.2178	0.3118	0.0180	0.2736	0.0077	0.0127	0.0252
Treatment F						217.000	11.888	5.335	4.125	2.187	2.090	2.384
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	0.0153	0.0208	0.0082