

MSU Weed Science Research Program

Glyphosate Phenoxy Combinations for Preplant Burndown Applications

Trial ID: NTS07-07
 Conducted: T-15 Campus

Study Dir.: Sprague, Powell
 Investigator: Christy Sprague

Weed Code	TAROF	STEME	VERPG	LATCU	ERICA	TAROF	STEME
Crop Code							
Rating Data Type	control	control	control	control	control	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Rating Date	5/25/07	5/25/07	5/25/07	5/25/07	5/25/07	6/7/07	6/7/07
Trt-Eval Interval	4 DA-A	4 DA-A	4 DA-A	4 DA-A	4 DA-A	17 DA-A	17 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	TAROF	STEME	VERPG	LATCU	ERICA	TAROF	STEME
1	Untreated							0	0	0	0	0	0	0
2	Rage D-Tech	4	EC	0.75	pt/a	Burndown	A	49	33	53	35	44	66	41
2	Crop Oil Concentrate		L	1	% v/v	Burndown	A							
3	Rage D-Tech	4	EC	0.75	pt/a	Burndown	A	56	35	45	40	48	91	99
3	Roundup OriginalMax	4.5	SL	22	fl oz/a	Burndown	A							
3	AMS		WG	17	lb/100 gal	Burndown	A							
4	2,4-D Ester	4	L	1	pt/a	Burndown	A	14	10	10	18	38	45	38
4	Crop Oil Concentrate		L	1	% v/v	Burndown	A							
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	Burndown	A	13	13	16	19	38	92	99
5	AMS		WG	17	lb/100 gal	Burndown	A							
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	Burndown	A	23	14	34	30	45	85	99
6	2,4-D Ester	4	L	1	pt/a	Burndown	A							
6	AMS		WG	17	lb/100 gal	Burndown	A							
LSD (P=.05)								14.4	10.7	10.7	5.9	8.0	9.8	16.5
Standard Deviation								9.6	7.1	7.1	3.9	5.3	6.5	10.9
CV								37.41	41.09	27.09	16.72	15.1	10.31	17.45

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Weed Code	VERPG	LATCU	ERICA
Crop Code			
Rating Data Type	control	control	control
Rating Unit	percent	percent	percent
Rating Date	6/7/07	6/7/07	6/7/07
Trt-Eval Interval	17 DA-A	17 DA-A	17 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	VERPG	LATCU	ERICA
1	Untreated							0	0	0
2	Rage D-Tech	4	EC	0.75	pt/a	Burndown	A	94	61	63
2	Crop Oil Concentrate		L	1	% v/v	Burndown	A			
3	Rage D-Tech	4	EC	0.75	pt/a	Burndown	A	99	92	99
3	Roundup OriginalMax	4.5	SL	22	fl oz/a	Burndown	A			
3	AMS		WG	17	lb/100 gal	Burndown	A			
4	2,4-D Ester	4	L	1	pt/a	Burndown	A	90	48	66
4	Crop Oil Concentrate		L	1	% v/v	Burndown	A			
5	Roundup OriginalMax	4.5	SL	22	fl oz/a	Burndown	A	99	87	99
5	AMS		WG	17	lb/100 gal	Burndown	A			
6	Roundup OriginalMax	4.5	SL	22	fl oz/a	Burndown	A	99	85	99
6	2,4-D Ester	4	L	1	pt/a	Burndown	A			
6	AMS		WG	17	lb/100 gal	Burndown	A			
LSD (P=.05)								1.5	15.9	3.5
Standard Deviation								1.0	10.6	2.3
CV								1.27	17.01	3.3