

**Table 19: The Broadleaf Weed Control with EF-1343 Trial**  
 HTRC, Michigan State University, East Lansing, MI

Treatment	Rate	August 22, 2006	
		67 DAT	
		Dandelion	White Clover
		percent control	
EF-1343	0.009 lb ai/A	7 de	18 d
EF-1343	0.013 lb ai/A	31 bcd	81 abc
EF-1343 2,4-D AMINE	0.009 lb ai/A 2 pt/A	26 b-e	57 bc
EF-1343 2,4-D AMINE	0.013 lb ai/A 2 pt/A	7 de	65 bc
EF-1343 BANVEL 2,4-D AMINE	0.009 lb ai/A 0.1 lb ae/A 2 pt/A	19 cde	86 ab
EF-1343 BANVEL 2,4-D AMINE	0.013 lb ai/A 0.1 lb ae/A 2 pt/A	34 a-d	86 ab
EF-1343 SPOTLIGHT 2,4-D AMINE	0.009 lb ai/A 0.125 lb ae/A 2 pt/A	34 a-d	52 c
EF-1343 SPOTLIGHT 2,4-D AMINE	0.013 lb ai/A 0.125 lb ae/A 2 pt/A	60 a	79 abc
TRIMEC CLASSIC	3 3 pt/A	46 abc	85 ab
CONFRONT	2 2 pt/A	51 ab	98 a
UNTREATED		0 e	0 d
LSD (P=.05)		27.8	29.5

<sup>1</sup>Treatments were applied on June 16, 2006 using a CO<sub>2</sub>-pressurized backpack sprayer with 8002VS nozzles calibrated to deliver 62.5 gpa.

**Table 20: Broadleaf Weed Control with F6875 Trial**  
HTRC, East Lansing, MI

Treatment	Rate	Rate Unit	1 August 46 DAT		
			Dandelion	White Clover	Broadleaf Plantain
			percent control		
DISMISS 4F	0.125	LB ai/A	21 bc	4	36
DISMISS 4F	0.190	LB ai/A	20 bc	11	19
DISMISS 4F	0.250	LB ai/A	22 bc	13	22
F6875 (LIQUID)	0.125	LB ai/A	7 bcd	0	45
F6875 (LIQUID)	0.190	LB ai/A	11 bcd	0	57
F6875 (LIQUID)	0.250	LB ai/A	12 bcd	11	27
F6875 (GRAN.)	0.125	LB ai/A	25 b	4	64
F6875 (GRAN.)	0.190	LB ai/A	8 bcd	19	41
F6875 (GRAN.)	0.250	LB ai/A	2 cd	0	57
TRIMEC CLASSIC	4	PT/A	52 a	47	67
UNTREATED			0 d	0	0
LSD (p=0.05)			20	NS	NS

†Means in a column followed by the same letter do not significantly differ (P=0.05, LSD).

**Table 21: Broadleaf Weed Control with V-10142 Trial - Dandelion**

Treatment	Rate		30 June	7 July	13 July	1 August
			14 DAT	21 DAT	27 DAT	46 DAT
			percent control			
V-10142 RESOURCE	0.5 3	lb ai/A oz/A	29 b <sup>†</sup>	74 b	91 ab	35 cd
V-10142 NIS	0.5 0.25	lb ai/A % v/v	31 b	51 c	87 ab	37 cd
V-10142 TURFLON	0.25 2	lb ai/A pt/A	71 a	87 ab	99 a	94 a
V-10142 TURFLON	0.5 2	lb ai/A pt/A	75 a	84 ab	96 ab	81 ab
V-10142 TURFLON	0.75 2	lb ai/A pt/A	67 a	94 a	98 a	82 ab
TURFLON	2	pt/A	54 ab	80 ab	81 b	50 bc
SPEEDZONE	4	pt/A	49 ab	80 ab	91 ab	46 bc
UNTREATED			0 c	0 d	0 c	0 d
LSD (p=0.05)			27	17	15	38

†Means in a column followed by the same letter do not significantly differ (P=0.05, LSD).

**Table 22: Broadleaf Weed Control with V-10142 Trial - White Clover**

Treatment	Rate		30 June	7 July	13 July	1 August
			14 DAT	21 DAT	27 DAT	46 DAT
			percent control			
V-10142 RESOURCE	0.5 3	lb ai/A oz/A	26 b <sup>†</sup>	30 b	33 b	39 b
V-10142 NIS	0.5 0.25	lb ai/A % v/v	15 bc	8 c	13 c	11 c
V-10142 TURFLON	0.25 2	lb ai/A pt/A	84 a	84 a	97 a	79 a
V-10142 TURFLON	0.5 2	lb ai/A pt/A	80 a	86 a	96 a	98 a
V-10142 TURFLON	0.75 2	lb ai/A pt/A	79 a	85 a	94 a	96 a
TURFLON	2	pt/A	70 a	86 a	96 a	94 a
SPEEDZONE	4	pt/A	84 a	94 a	97 a	98 a
UNTREATED			0 c	0 c	0 c	0 c
LSD (p=0.05)			21	14	16	25

†Means in a column followed by the same letter do not significantly differ (P=0.05, LSD).

**Table 23: Broadleaf Weed Control with V-10142 Trial - Broadleaf Plantain**

Treatment	Rate	30 June 14 DAT	7 July 21 DAT	13 July 27 DAT	1 August 46 DAT
		percent control			
V-10142 RESOURCE	0.5 lb ai/A 3 oz/A	15	15	8 cd <sup>†</sup>	27 abc
V-10142 NIS	0.5 lb ai/A 0.25 % v/v	24	17	25 bcd	18 bc
V-10142 TURFLON	0.25 lb ai/A 2 pt/A	15	33	49 abc	67 a
V-10142 TURFLON	0.5 lb ai/A 2 pt/A	39	38	60 ab	63 a
V-10142 TURFLON	0.75 lb ai/A 2 pt/A	41	44	67 a	64 a
TURFLON	2 pt/A	32	47	59 ab	58 ab
SPEEDZONE	4 pt/A	42	62	65 ab	67 a
UNTREATED		0	0	0 d	0 c
LSD (p=0.05)		NS	NS	42	42

<sup>†</sup>Means in a column followed by the same letter do not significantly differ (P=0.05, LSD).

**Table 24: Granular Mesotrione Broadleaf Weed Control**

HTRC, East Lansing, MI, Michigan State University

Treatment	Rate		Dandelion		White Clover		Broadleaf Plantain	
			August 1, 2006 55 DAT-A percent control					
EXC878	173	lb/A	33	c	48	a	26	bc
EXC925	100	lb/A	27	cd	40	a	24	bc
EXC881	173	lb/A	29	cd	22	a	33	bc
EXC924	104	lb/A	9	de	66	a	62	ab
EXC923	129	lb/A	30	c	32	a	28	bc
EXC878	173	lb/A	64	a	73	a	0	c
EXC878 (21 DAT)	173							
EXC881	173	lb/A	73	a	69	a	29	bc
EXC878 (21 DAT)	173							
EXC924	104	lb/A	64	a	35	a	31	bc
EXC878 (21 DAT)	173							
EXC925	100	lb/A	60	ab	53	a	65	ab
EXC934 (21 DAT)	150							
EXC923	129	lb/A	59	ab	73	a	100	a
EXC934 (21 DAT)	150							
EXC878	173	lb/A	42	bc	44	a	61	ab
EXC934	150	lb/A	34	c	67	a	61	ab
EXC878 (21 DAT)	173	lb/A	69	a	20	a	25	bc
EXC934 (21 DAT)	150	lb/A	58	ab	48	a	100	a
UNTREATED			0	e	0	a	0	c
LSD (p=0.5)			21		NS		56	

Means followed by same letter do not significantly differ (P=0.05, LSD).

**Table 25: QP Quin and QP Trin Broadleaf Weed Control Trial**  
 HTRC, East Lansing, MI, Michigan State University

Treatment	Rate	Dandelion		White Clover		Broadleaf Plantain	
		28 July 22 DAT	7 Sept 63 DAT	28 July 22 DAT	7 Sept 63 DAT	28 July 22 DAT	7 Sept 63 DAT
percent control							
QP TRIC	1 pt/A	93 a <sup>†</sup>	75 bc	92 c	77 b	49 a	64 a
QP TRIC	2 pt/A	94 a	61 c	97 ab	99 ab	78 a	86 a
QP QUIN MICROYL	5.33 oz/A 0.5 % v/v	28 b	64 c	90 c	97 ab	0 b	0 b
QP QUIN MICROYL	16 oz/A 0.5 % v/v	24 b	89 ab	98 a	100 a	5 b	10 b
QP QUIN (x2) <sup>‡</sup> MICROYL	16 oz/A 0.5 % v/v	27 b	98 a	94 bc	100 a	5 b	0 b
DRIVE (x2) MICROYL	16 oz/A 0.5 % v/v	37 b	99 a	97 ab	100 a	5 b	0 b
QP QUIN QP TRIC	5.33 oz/A 1 pt/A	93 a	87 ab	97 ab	100 a	69 a	82 a
UNTREATED		0 c	0 d	0 d	0 c	0 b	0 b
LSD (p=.05)		18.3	17.5	4.2	22.5	32.3	38.1

<sup>†</sup>Means followed by same letter do not significantly differ (P=0.05, LSD).

<sup>‡</sup>Repeat applications were made about 30 days after the first application.

**Table 26: Postemergence Yellow Nutsedge Control Trial**  
HTRC, East Lansing, MI

Treatment	Rate	28 July	15 August
		22 DAT	40 DAT
		percent control	
DISMISS 4F	0.125 lb ai/A	92 ab <sup>†</sup>	74 a-d
DISMISS 4F	0.250 lb ai/A	93 a	59 b-f
DISMISS 4F	0.375 lb ai/A	92 ab	81 abc
DISMISS 4F	0.125 lb ai/A	77 abc	100 a
DISMISS 4F (32 DAT)	0.125 lb ai/A		
DISMISS 4F	0.250 lb ai/A	92 ab	100 a
DISMISS 4F (32 DAT)	0.250 lb ai/A		
DISMISS 4F	0.250 lb ai/A	93 a	75 a-d
QUICKSILVER	2 oz/A		
DISMISS GRAN	0.125 lb ai/A	40 d-g	49 c-g
DISMISS GRAN	0.250 lb ai/A	69 a-d	76 abc
DISMISS GRAN	0.125 lb ai/A	68 a-d	45 c-g
DISMISS GRAN (32 DAT)	0.125 lb ai/A		
DISMISS GRAN	0.250 lb ai/A	95 a	94 ab
DISMISS GRAN (32 DAT)	0.250 lb ai/A		
F6011	1.75 oz/A	28 e-h	31 e-h
F6011	2 oz/A	58 b-e	60 b-e
F6011	2.25 oz/A	17 fgh	35 e-h
F6011	3 oz/A	27 e-h	22 fgh
F6011	1.75 oz/A	38 d-g	38 d-g
QUICKSILVER	2 oz/A		
F6011	1.75 oz/A	88 ab	55 c-g
DISMISS 4F	0.250 lb ai/A		
F6011	1.75 oz/A	48 c-f	31 e-h
QUICKSILVER	1 oz/A		
CERTAINTY	1.25 oz/A	99 a	100 a
UNTREATED		11 gh	20 gh
UNTREATED		0 h	0 h
LSD (p=0.05)		34	37

<sup>†</sup>Means in a column followed by the same letter do not significantly differ (P=0.05, LSD).