

# University of Wisconsin-Madison

**Low Tunnel Test 2 : Comparison of MON 51817/DRA Premix with MON 51817 Tank Mixtures with DRA and Roundup Xtend II**

Trial ID: 20-ARL-SB21      Location: Arlington, WI      Trial Year: 2020  
 Protocol ID: 2020-01-B7-22      Investigator: Daniel B. Reynolds  
 Project ID:      Study Director: Sarah Striegel  
 Sponsor Contact:

Reps: 3

Plots: 4 by 50 feet

Appl. Amount: 15 GAL/AC

Mix Size: 0.5 L (total for 3 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Form Unit	Rate Type	Appl Unit	Amt to Measure	Product Code	Rep 1	Rep 2	Rep 3
1	MON 301286 - RupXtend II VGrip No Additional Vaporgrip No DRA	4 LBAE/GAL 50 %W/W	SL	96 fl oz/a AB	25.0 mL/mx	101	206	309		
2	MON 301286 - RupXtend II VGrip No Additional Vaporgrip Intact (guar)	4 LBAE/GAL 50 %W/W 43.18 %	SL	96 fl oz/a AB	25.0 mL/mx	102	204	301		
3	MON 301286 - RupXtend II VGrip No Additional Vaporgrip Impetro II (PCA)	4 LBAE/GAL 50 %W/W	SL	96 fl oz/a AB	25.0 mL/mx	103	208	306		
4	MON 301286 - RupXtend II VGrip MON 51817 - VaporGrip No DRA	4 LBAE/GAL 50 %W/W	SL	96 fl oz/a 40 fl oz/a AB	25.0 mL/mx 10.42 mL/mx	104	207	304		
5	MON 301286 - RupXtend II VGrip MON 51817 - VaporGrip Intact (guar)	4 LBAE/GAL 50 %W/W 43.18 %	SL	96 fl oz/a 40 fl oz/a AB	25.0 mL/mx 10.42 mL/mx 4.999 mL/mx	105	202	307		
6	MON 301286 - RupXtend II VGrip MON 51817 - VaporGrip Impetro II (PCA)	4 LBAE/GAL 50 %W/W	SL	96 fl oz/a 40 fl oz/a 1.0 % v/v AB	25.0 mL/mx 10.42 mL/mx 4.999 mL/mx	106	209	308		
7	MON 301286 - RupXtend II VGrip MON 301471 (VaporGrip + Guar)	4 LBAE/GAL 100 %	SL	96 fl oz/a 58 fl oz/a AB	25.0 mL/mx 15.1 mL/mx	107	203	305		
8	MON 301286 - RupXtend II VGrip MON 301916 (VaporGrip + PCA)	4 LBAE/GAL 100 %	SL	96 fl oz/a 48 fl oz/a AB	25.0 mL/mx 12.5 mL/mx	108	201	303		
9	Untreated Check			AB		109	205	302		

Sort Order: Replicate 1

Product quantities required for listed treatments and applications of trials included in this table:

Amount*	Unit	Treatment Name	Form Conc	Form Unit	Form Type	Lot Code
500.000	mL	MON 301286 - RupXtend II VGrip	4	LBAE/GAL	SL	
24.997	mL	Intact (guar)	43.18	%	SL	
24.997	mL	Impetro II (PCA)				
78.125	mL	MON 51817 - VaporGrip	50	%W/W	SL	
37.760	mL	MON 301471 (VaporGrip + Guar)	100	%	SL	
31.250	mL	MON 301916 (VaporGrip + PCA)	100	%	SL	

\* 'Per area' calculations based on application amount= 15 GAL/AC, mix size= 0.5 L (mix size basis).

\* Product amount calculations increased 25 % for overage adjustment.

\* 'Per volume' calculations use spray volume= 15 GAL/AC, mix size= 0.5 L.

\* Adjusted for multiple applications in treatment list.

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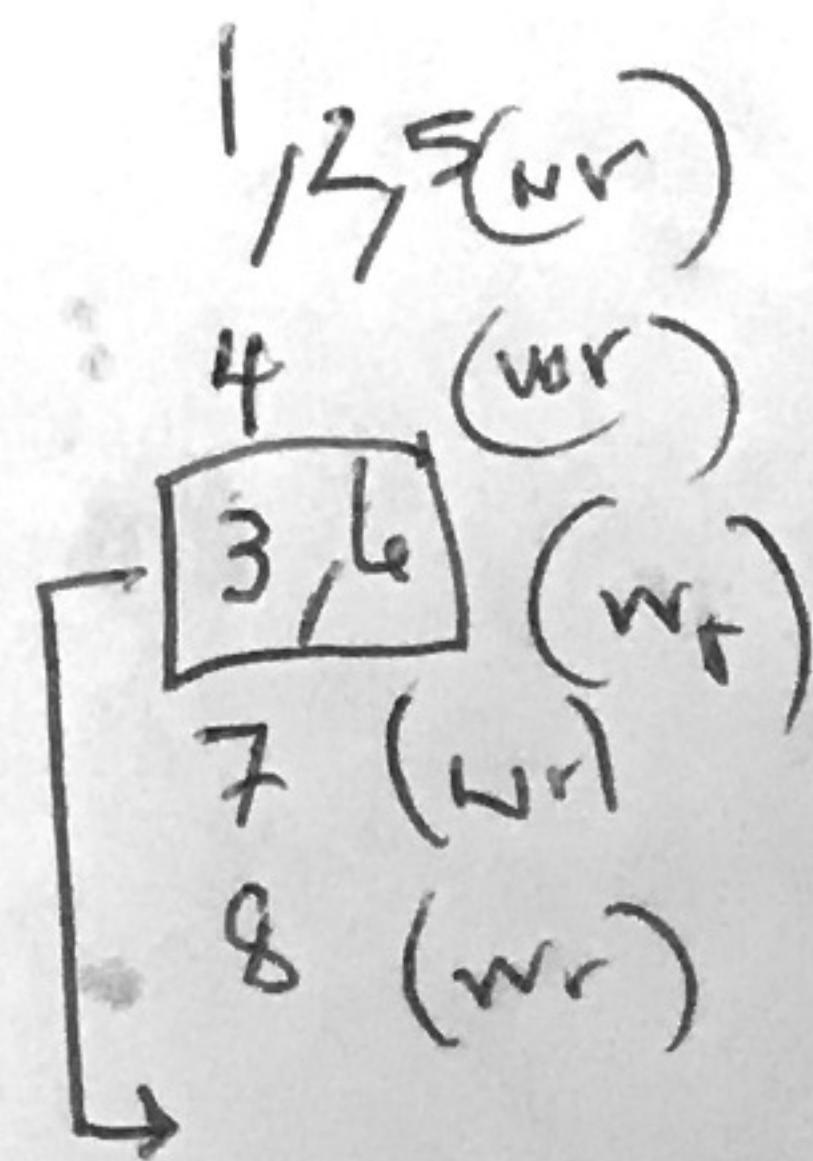
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\* Adjusted for multiple applications in treatment list.

1 - problem w/  
L1 nozzle,  
tried to shift  
for coverage

8-VER7  
poor droplet/  
spectra/  
coverage

Weather  
5% cloud cover  
wind dir E  
avg 3.0  
min/max 2.1/4.0  
rh 71.6%  
air temp 80.1°F  
soil temp 72°F



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DONE @  
9:17 AM

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Pump On  
8:13      ↓  
8:15      8:17  
  
9:05      { 9:07      } 9:08  
  
8:34      { 8:33      } 8:36  
  
8:50      | 8:49      | 8:52  
  
1 9:12 1

Trt.	Trt. Description	R1	Flow Start	T Start	Flow End	T End
1	MON301286	101	3 L/min	8:15 AM	3.034	8:30 am
2	MON301286 + Intact	102	3 L/min	8:20 AM	3.021	8:33 am
3	MON301286 + Impetro II	103	3 L/min	9:07 AM	3.054	9:05 am
4	MON301286 + MON51817	104	3 L/min	8:39 AM	3.047	8:40 am
5	MON301286 + MON51817 + Intact	105	3 L/min	8:33 AM	3.033	8:36 am
6	MON301286 + MON51817 + Impetro II	106	3 L/min	9:15 AM	3.231	9:14 am
7	MON301286 + MON301471	107	3 L/min	8:49 AM	3.202	8:48 am
8	MON301286 + MON301916	108	3 L/min	8:56 AM	3.070	8:56 am
9	NTC	109	3 L/min		2.982	9:18 am

**Notes:** Prior to application, pumps were calibrated to flow rate of 3 L/min using a Chek-Mate calibrator from SKC. Pumps utilized were an assortment from Bayer in previous years plus several newer pumps from our program, with new tubing and cords. Pumps were started immediately following flat placement in the first rep and foil removed from end of PUF.

Started taking plastic off after Trt 4 was removed

SB21 | 7/13

101	11	2	1
		4	3

quad.

growth stage: V6-V7

almost R<sup>1</sup>  
some of plants

PLOT: 101

QUAD: 3

# inj: 96

# plants: 165

heights: ① ft :

28	33
27	38
29	36
27	34
30	33
5	27
	32
	27
	32
	32
10	35
	32
	34
	35
	36
15	35
	33
	34
	35
	35
20	31

6:15 - 4:15

Plot: 102

quad: 3

# inj: 92

# plant: 174

HTS:

26 33

28 33

26 35

32 36

30 32

37

32

31

35

38

35

36

36

38

39

38

33

38

37

38

35

Plot: 103

Quad: 3

# pl: 174

# Inj: 108

#172: 36 32

34 33

33 35

36 32

36 31

30 ~~36~~

28

32

32

32

33

34

35

35

35

33

34

35

30

34

35

32

PLOT: 109 Quad: 3

Injured: 0

TOTAL: 178

HTS: 35 35 33 34 34 32  
32 36 33 31 35  
34 33 35 34 37  
35 37 33 32 35  
33 37 32 34 32

PLOT: Quad:

Injured:

TOTAL:

PLOT: 106 quad: 3

Injured: 54

# plants: 176

HTS:	30	33	34	35	37	30
	36	32	38	39	34	
	32	35	34	36	34	
	36	33	40	36	37	
	32	34	37	36	33	

PLOT: 107 quad: 3

Injured: 106

TOT. plants: 169

HTS:	35	30	32	36	34	40
	36	32	34	32	33	
	30	36	40	32	36	
	31	32	36	36	30	
	30	34	31	30	34	

PLOT: 108 quad: 3

Injured: 115

TOTAL: 176

HTS:	37	36	33	38	40	31
	33	36	37	33	40	
	31	30	38	34	36	
	36	32	38	38	36	
	38	37	30	35	35	

Quad: 3

PLOT: 104

Inj: 100

TOT. PLANTS: 172

HITS: 25 36 40 34 37 32

0-25 ft 30 36 36 36 36

32 38 39 35 35

36 40 35 27 37

37 37 36 36 30

PLOT: 105

Quad: 3

Inj: 44

TOT. PLANT: 171

HITS: 37 36 32 32 36 27

36 36 37 35 35

34 35 40 33 33

34 33 35 35 34

34 33 34 41 35

Trial: SB 21

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 207	0	30	30	35	60
Quadrant selected: 3	1	25	32	35	51
Total plants in 25'	180	2	75	36	30
Injured plants in 25':	66	3	70	30	58
	4	25	35	30	57
	5	20	32	30	57
	6	15	31	20	58
	7	25	34	20	57
	8	15	35	20	60
	9	15	36	5	59
	10	20	34	0	60
	11	0	31	/	58
	12	35	/	56	
	13	36	/	59	
	14	35	/	60	
	15	35	/	61	
	16	38	/	58	
	17	34	/	59	
	18	35	/	58	
	19	36	/	57	
	20	36	/	58	
	21	38	/	59	
	22	31	/	57	
	23	31	/	58	
	24	34	/	54	
	25	—	30	—	52

72

~~118~~

Plot: 206
Quadrant selected: 3
Total plants in 25': 181
Injured plants in 25': 126

1 FOOT  
STRIDE

118

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
0	35	35	40	54	
1	35	35	35	57	
2	30	35	30	56	
3	35	27	30	51	
4	35	24	30	50	
5	35	30	30	52	
6	35	36	35	55	
7	35	32	35	56	
8	30	35	35	55	
9	35	33	35	56	
10	30	34	35	56	
11	25	35	35	56	
12	25	37	30	61	
13	15	37	20	55	
14	10	38	10	57	
15	6	35	5	57	
16	2	34	5	58	
17	1	40	3	59	
18	1	34	0	60	
19	0	35	/	59	
20	—	36	/	57	
21	—	33	/	58	
22	—	38	/	59	
23	—	30	/	54	
24	—	31	—	48	
25	—	—	—	—	

Trial: 5321

H-82

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 305	0	20	36	40	58
Quadrant selected: 3	1	25	40	40	56
Total plants in 25'	177	2	75	40	35
Injured plants in 25':	78	3	25	32	57
	4	28	57	35	56
	5	22	36	30	57
	6	18	38	25	59
	7	12	37	20	59
	8	10	34	10	58
	9	4	37	5	57
	10	2	35	0	58
	11	0	36	1	59
	12	1	37		59
	13	1	35		58
	14	34			57
	15	34			58
	16	35			60
	17	33			60
	18	35			57
	19	33			58
	20	32			59
	21	31			57
	22	28			56
	23	32			58
	24	25			52
	25	—	26	~	50

72

~~72~~

Plot: 306  
Quadrant selected: 3  
Total plants in 25': 188  
Injured plants in 25': 118

99

~~99~~

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 306	0	30	29	40	55
Quadrant selected: 3	1	30	33	40	55
Total plants in 25': 188	2	35	32	35	56
Injured plants in 25': 118	3	35	29	35	57
	4	35	26	30	55
	5	30	33	30	55
	6	30	30	30	57
	7	30	30	30	57
	8	25	22	30	59
	9	20	32	25	58
	10	18	31	25	60
	11	10	29	20	59
	12	8	30	17	58
	13	4	35	12	58
	14	2	31	7	60
	15	0	32	2	59
	16	1	32	0	55
	17	32	1	60	
	18	32			61
	19	33			58
	20	34			60
	21	33			57
	22	31			59
	23	28			59
	24	24			58
	25	—			

66

Trial: 5821

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 303	0	25	36	35	55
Quadrant selected: 3	1	25	38	30	56
Total plants in 25'	168	2	20	40	35
Injured plants in 25':	102	3	20	40	58
	4	25	34	30	57
	5	25	34	30	57
	6	25	36	35	56
	7	20	37	30	59
	8	20	37	25	59
	9	20	36	25	57
	10	15	39	25	60
	11	15	35	20	59
	12	12	38	15	60
	13	10	36	5	59
	14	3	33	0	56
	15	0	34		57
	16	1	33		58
	17		34		59
	18		33		60
	19		33		58
	20		40		70
	21		34		58
	22		34		56
	23		31		58
	24		33		54
	25	1	X		

1 ft  
short

82

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 304	0	25	33	35	57
Quadrant selected: 3	1	20	28	40	58
Total plants in 25'	170	2	30	36	56
Injured plants in 25':	74	3	25	34	57
	4	25	34	30	54
	5	20	34	30	57
	6	15	35	25	60
	7	12	33	15	59
	8	2	33	5	59
	9	0	32	5	61
	10	1	35	0	59
	11		31	1	59
	12		32		59
	13		28		60
	14		36		59
	15		38		60
	16		32		61
	17		30		62
	18		32		59
	19		34		56
	20		34		55
	21		26		59
	22		29		60
	23		33		61
	24		33		55
	25	1	32		53

Trial: SB21

Date: 14 DAT - 7/13 28 DAT -

Rating:

Plot:	CHBCK	Distance from 0 (ft)	14 DAT		28 DAT	
			Injury	Height	Injury	Height
205		0	0	37	0	61
Quadrant selected:	3	1	1	28	56	
Total plants in 25'	181	2		32	59	
Injured plants in 25':	0	3		31	61	
		4		35	65	
		5		36	62	
		6		38	61	
		7		36	58	
		8		35	59	
		9		36	59	
		10		31	60	
		11		34		
		12		33	61	
		13		36	64	
		14		36	58	
		15		35	56	
		16		37	60	
		17		34	65	
		18		36	62	
		19		38	67	
		20		35	66	
		21		33	62	
		22		31	58	
		23		30	58	
		24		32	57	
		25		—	52	

almost 1 ft  
short

0

25 is not more

1 ft short

Plot:	204
Quadrant selected:	3
Total plants in 25':	181
Injured plants in 25':	105

injured: 105

TOTAL : 176

101

shift  
all  
up



Plot:	101	14 DAT		28 DAT	
		Injury	Height	Injury	Height
0		35	26	40	54
1		35	30	35	52
2		30	30	35	53
3		30	30	35	54
4		35	31	30	51
5		30	34	30	53
6		30	32	35	52
7		30	34	35	52
8		30	36	30	56
9		20	36	30	56
10		25	36	30	58
11		20	35	27	61
12		12	35	25	58
13		1	34	10	56
14		1	34	3	56
15		1	36	0	58
16		0	33	1	59
17		—	34	1	59
18		—	37	—	60
19		—	34	—	60
20		—	33	—	57
21		—	36	—	58
22		—	37	—	57
23		—	34	—	58
24		—	32	—	57
25		—	30	2	53

\* 1-2 leaves fully open showing  
injury, rest are growing

Trial:	SB21
Date:	14 DAT - 7/13 28 DAT -
Rating:	

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot:	102	0	30	26	20
Quadrant selected:	3	1	25	28	25
Total plants in 25'	92	28	30	26	25
Injured plants in 25':	174	3	30	32	25
	4	30	30	30	56
	5	25	37	30	52
	6	30	32	25	52
	7	30	31	30	54
	8	25	35	25	57
	9	25	38	25	54
	10	25	35	17	55
	11	20	36	12	58
	12	10	36	10	60
	13	7	38	5	57
	14	3	38	9	5
	15	0	38	2	57
	16		38	3	59
	17		38	0	60
	18		38	7	58
	19		38	8	61
	20		35		60
	21		33		61
	22		33		59
	23		35		54
	24		36		59
	25		32		58

123

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot:	103	0	35	36	35
Quadrant selected:	3	1	35	34	30
Total plants in 25'	198	2	30	33	30
Injured plants in 25':	174	3	25	36	40
	4	30	36	30	52
	5	30	30	30	50
	6	30	28	35	56
	7	30	32	35	54
	8	25	32	30	57
	9	20	32	20	54
	10	15	30	20	53
	11	12	34	20	53
	12	10	35	20	54
	13	5	35	5	58
	14	1	35	5	55
	15	1	34	5	59
	16	0	34	0	59
	17		35		58
	18		34		56
	19		35		60
	20		32		56
	21		31		54
	22		31		56
	23		33		56
	24		32		54
	25		31		54

101

Trial: SB21

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 201	0	35	32	35	55
Quadrant selected: 3	1	35	32	35	52
Total plants in 25'	190	2	30	34	53
Injured plants in 25':	92	3	35	34	55
	4	30	33	30	53
almost 1 ft	5	30	32	35	54
short	6	30	32	30	57
	7	35	31	25	54
	8	30	35	25	56
	9	25	30	25	56
	10	18	34	20	55
	11	14	32	20	59
	12	4	31	5	66
	13	0	33	0	56
	14		34	1	57
	15		32		57
	16		33		56
	17		34		59
	18		31		59
	19		32		57
	20		36		58
	21		36		53
	22		32		56
	23		32		55
	24		31	1	55
	25				

93

~~93~~

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 106	0	15	30	35	55
Quadrant selected: 3	1	10	36	15	54
Total plants in 25'	54	2	12	32	15
Injured plants in 25':	17	3	10	36	10
	4	5	32	25	54
	5	5	33	20	55
	6	5	32	20	57
	7	4	35	10	58
	8	4	33	10	59
	9	3	36	8	60
	10	2	34	5	67
	11	2	38	0	62
	12	0	34		56
	13		40		68
	14		37		56
	15		35		62
	16		39		58
	17		36		61
	18		36		60
	19		36		60
	20		37		58
	21		34		61
	22		34		60
	23		37		56
	24		33		57
	25	1	30	1	56

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Trial: SB21

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 107	0	20	35	35	54
Quadrant selected: 3	1	20	30	35	57
Total plants in 25': 106	2	20	30	35	55
Injured plants in 25': 16	3	20	31	35	54
	4	20	30	35	55
	5	20	30	35	54
	6	20	32	35	55
	7	18	36	30	56
	8	15	32	25	56
	9	15	34	25	55
	10	10	32	20	56
	11	2	34	5	54
	12	1	40	0	59
	13	0	36	1	59
	14	1	31	1	58
	15	1	36	1	56
	16	1	32	1	57
	17	1	32	1	58
	18	1	36	1	56
	19	1	36	1	56
	20	1	34	1	58
	21	1	33	1	59
	22	1	36	1	57
	23	1	30	1	56
	24	1	34	1	56
	25	1	40	1	54

~~80~~

92

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 108	0	30	37	30	55
Quadrant selected: 3	1	25	33	35	56
Total plants in 25': 115	2	25	31	35	53
Injured plants in 25': 176	3	25	36	35	58
	4	25	38	30	54
	5	15	36	25	56
	6	12	36	5	59
	7	10	30	5	59
	8	8	32	5	60
	9	5	37	3	58
	10	5	33	3	59
	11	0	37	3	61
	12	1	38	0	63
	13	1	38	1	57
	14	1	30	1	64
	15	1	38	1	59
	16	1	33	1	59
	17	1	34	1	60
	18	1	38	1	66
	19	1	35	1	60
	20	1	40	1	61
	21	1	40	1	60
	22	1	36	1	60
	23	1	36	1	59
	24	1	35	1	63
	25	1	31	2	61

Trial: SB 21

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 104	0	30	25	40	53
Quadrant selected: 3	1	25	36	35	54
Total plants in 25'	2	20	32	35	53
Injured plants in 25': 1065	3	15	36	35	57
	4	15	37	35	58
	5	17	36	25	59
	6	17	36	30	55
	7	15	38	25	59
	8	20	40	25	59
	9	15	37	25	60
	10	10	40	20	59
	11	8	36	25	57
	12	0	39	10	57
	13	1	35	5	56
	14	1	36	0	58
	15	1	34		55
	16	1	36		59
	17	1	35		59
	18	1	27		57
	19	1	36		59
	20	1	37		60
	21	1	36		59
	22	1	35		61
	23	1	37		58
	24	1	30		54
	25	1	32	1	57

95

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 105	0	25	37	40	66
Quadrant selected: 3	1	20	36	30	57
Total plants in 25'	2	20	34	20	58
Injured plants in 25': 445	3	10	34	15	58
	4	7	34	15	55
	5	3	36	5	57
	6	2	36	5	60
	7	0	35	0	61
	8	1	33	1	56
	9		33		59
	10		32		54
	11		37		54
	12		40		59
	13		35		59
	14		34		57
	15		32		64
	16		35		56
	17		33		56
	18		35		58
	19		41		53
	20		36		56
	21		35		60
	22		33		54
	23		34		53
	24		35		54
	25		27		58

62

Trial: 5821

NEDC

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 209	0	8	34	20	60
Quadrant selected: 3	1	8	37	20	58
Total plants in 25'	180	2	12	34	25
Injured plants in 25':	50	3	12	33	30
	4	15	36	20	59
	5	12	34	20	58
	6	8	32	15	59
	7	6	37	5	61
	8	4	36	0	55
	9	2	35	0	59
	10	0	40		58
	11	1	39		59
	12	38		60	
	13	32		61	
	14	36		58	
	15	36		56	
	16	33		59	
	17	30		59	
	18	35		66	
	19	36		63	
	20	31		60	
	21	35		62	
	22	31		59	
	23	34	—	60	
	24	—	—	—	—
	25	—	—	—	—

PLOT  
is  
short  
2 ft

79

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 208	0	30	35	35	59
Quadrant selected: 3	1	30	36	35	54
Total plants in 25'	165	2	25	37	35
Injured plants in 25':	93	3	25	39	30
	4	25	34	30	56
	5	25	35	35	57
	6	25	36	30	58
	7	25	35	25	56
	8	17	36	25	58
	9	15	36	20	57
	10	15	36	20	56
	11	12	37	12	56
	12	4	35	65	59
	13	4	35	5	59
	14	0	38	3	58
	15	1	36	0	56
	16	—	37	—	57
	17	—	34	—	59
	18	—	36	—	56
	19	—	40	—	60
	20	—	34	—	60
	21	—	36	—	59
	22	—	31	—	57
	23	—	28	—	54
	24	—	33	—	54
	25	—	29	—	51

78

Trial: 5321

Date: 14 DAT - 7/12 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 301	0	35	27	35	52
Quadrant selected: 3	1	35	27	35	55
Total plants in 25'	179	2	35	28	40
Injured plants in 25':	99	3	30	23	40
	4	30	24	35	55
	5	30	19	30	55
	6	30	26	35	57
	7	30	31	35	58
	8	25	28	30	58
	9	25	22	35	57
	10	25	31	25	56
	11	15	30	25	57
	12	2	27	10	61
	13	0	31	0	62
	14		33		59
	15		29		59
	16		33		58
	17		37		59
	18		26		59
	19		36		60
	20		30		61
	21		31		66
	22		23		61
	23		24		59
	24		21		57
	25	-	X	-	-

1 foot short

93

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 302	0	0	36	0	59
Quadrant selected: 3	1		36		62
Total plants in 25'	179	2	38	61	
Injured plants in 25':	0	3	38	60	
	4		36		70
	5		39		63
	6		36		64
	7		37		55
	8		34		61
	9		35		59
	10		38		60
	11		35		56
	12		32		63
	13		38		61
	14		36		63
	15		37		63
	16		35		61
	17		34		64
	18		35		64
	19		38		64
	20		37		60
	21		32		57
	22		35		60
	23		36		57
	24		32		53
	25	-	X	-	-

Trial: **SB21**

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 307	0	25	34	30	57
Quadrant selected: 3	1	20	29	25	55
Total plants in 25': 184	2	15	30	30	57
Injured plants in 25': 103	3	12	29	30	57
	4	12	30	25	54
	5	10	27	20	58
	6	10	30	15	59
	7	7	32	15	58
	8	7	28	10	58
	9	4	34	5	59
	10	2	32	0	57
	11	0	34	1	58
	12	1	30		58
	13	1	37		59
	14	1	31		58
	15	1	30		59
	16	1	30		60
	17	1	31		59
	18	1	30		59
	19	1	32		58
	20	1	33		58
	21	1	33		57
	22	1	26		58
	23	1	27		58
	24	1	31		55
	25	1	32		52

**66****81**

Plot: 308	0	12	28	35	55
Quadrant selected: 3	1	12	36	15	57
Total plants in 25': 168	2	10	30	30	56
Injured plants in 25': 65	3	12	34	30	58

1 foot  
short

**74**

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 308	0	12	28	35	55
Quadrant selected: 3	1	12	36	15	57
Total plants in 25': 168	2	10	30	30	56
Injured plants in 25': 65	3	12	34	30	58
	4	12	33	25	59
	5	10	36	25	58
	6	5	36	15	58
	7	5	34	10	57
	8	3	30	10	59
	9	3	33	10	58
	10	3	34	5	59
	11	2	33	5	60
	12	0	30	0	57
	13	1	31		58
	14	1	37		59
	15	1	36		58
	16	1	36		60
	17	1	33		58
	18	1	36		59
	19	1	35		60
	20	1	37		58
	21	1	33		58
	22	1	30		56
	23	1	29		54
	24	1	31		48
	25	1	X		

Trial: 5B21

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 109	0	0	35	0	57
Quadrant selected: 3	1		32		60
Total plants in 25': 0	2		34		59
Injured plants in 25': 178	3		35		59
	4		33		59
	5		35		60
	6		36		60
	7		33		61
	8		37		64
	9		37		61
	10		33		63
	11		33		58
	12		35		57
	13		33		60
	14		32		60
	15		34		61
	16		31		62
	17		34		66
	18		32		60
	19		34		59
	20		34		65
	21		35		60
	22		37		56
	23		35		58
	24		32		54
	25	2	32	1	56

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot: 0	0				
Quadrant selected:	1				
Total plants in 25':	2				
Injured plants in 25':	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				
	21				
	22				
	23				
	24				
	25				

NALC recorded

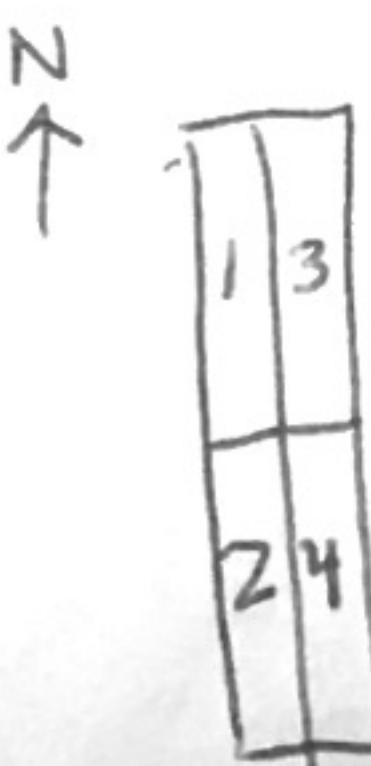
		14 DAT		28 DAT	
		Distance from 0 (ft)	Injury	Height	Injury
Plot:	309	0	40	27	50
Quadrant selected:	3	1	35	28	35
Total plants in 25'	183	2	35	23	45
Injured plants in 25':	122	3	35	28	45
		4	35	30	35
		5	30	29	35
		6	30	27	35
		7	30	34	30
		8	25	33	25
		9	25	28	30
		10	25	26	30
		11	20	30	25
		12	12	29	17
		13	8	32	15
		14	8	31	5
		15	6	27	5
		16	2	29	0
		17	0	31	58
		18	1	32	61
		19	1	29	61
		20	1	26	59
		21	1	27	58
		22	1	30	59
		23	1	27	55
		24	1	23	56
		25	1	30	53

116

SS rated  
FF NA/EG heights  
HOL/SS/FF/NA/EG/SJ/NA counts

		14 DAT		28 DAT	
		Distance from 0 (ft)	Injury	Height	Injury
Plot:	101	0	30	28	35
Quadrant selected:	3	1	30	27	20
Total plants in 25'	96	2	25	29	15
Injured plants in 25':	165	3	30	27	15
		4	25	30	15
		5	25	27	12
		6	25	32	12
		7	25	27	15
		8	25	32	17
		9	25	32	17
		10	25	35	20
		11	25	32	17
		12	20	34	15
		13	22	35	12
		14	12	36	12
		15	8	35	10
		16	4	33	0
		17	4	34	55
		18	0	35	59
		19	1	35	55
		20	1	31	58
		21	1	33	60
		22	1	38	56
		23	1	34	59
		24	1	34	59
		25	1	33	56

Page 1 of 14



growth stage V6 - V7  
Some RI

Trial: 5321

Date: 14 DAT - 7/13 28 DAT -

Rating:

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
Plot:	203	0	20	36	30
Quadrant selected:	3	1	20	34	35
Total plants in 25'	167	2	15	27	35
Injured plants in 25':	83	3	20	32	35
	4	15	35	30	54
	5	15	37	25	57
	6	8	36	20	57
	7	5	40	22	56
	8	3	33	20	58
	9	3	36	20	58
	10	2	35	15	57
	11	0	34	5	57
	12		35	0	57
	13		34	1	57
	14		34		55
	15		32		58
	16		34		58
	17		33		60
	18		36		58
	19		34		57
	20		31		55
	21		33		56
	22		36		56
	23		32	2	54
	24				
	25				

1-2 Feet  
short

73

Plot:	202
Quadrant selected:	3
Total plants in 25'	183
Injured plants in 25':	83

83

	Distance from 0 (ft)	14 DAT		28 DAT	
		Injury	Height	Injury	Height
0	14	38	25	58	
1	10	36	30	57	
2	10	31	25	54	
3	13	34	25	54	
4	15	36	30	56	
5	18	36	25	55	
6	10	39	20	56	
7	5	36	17	59	
8	5	39	20	59	
9	5	37	0	56	
10	2	37	5	59	
11	0	34	2	58	
12		36	0	56	
13		35		59	
14		36		57	
15		36		58	
16		38		59	
17		37		57	
18		34		59	
19		35		58	
20		36		56	
21		40		61	
22		37		59	
23		36		61	
24		36		59	
25		39	2	55	