

MSU Weed Science Research Program
 Herbicide and 28% Nitrogen Interactions in Winter Wheat

Trial ID: WT01-08
 Conducted: C-12 Campus

Study Dir.: Sprague and Powell
 Investigator: Christy Sprague

Date Planted: 9/30/07
 Variety: Red Ruby
 Population: 2 Million seeds/acre
 Soil Type: Sandy Loam
 Plot Size: 10 X 28 FT

Row Spacing: 7.5 IN
 No. of Reps: 4
 % OM: 2.8
 pH: 7.2
 Design: RANDOMIZED COMPLETE BLOCK

Tillage: 8/28/07- Disked down Soybean x 2.
 9/29/07- Soil Finished x 2.
 Fertilizer: None at planting.
 3/17/08- Bulk spread Urea, 100 lb/acre (46 lb/acre Nitrogen) on all treatments.

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1.	THLAR	PENNYCRESS, FIELD	THLASPI ARVENSE L.
2.	STEME	CHICKWEED, COMMON	STELLARIA MEDIA (L.)
3.	LAMAM	HENBIT	LAMIUM AMPLEXICAULE L.
4.	ANTCO	MAYWEED	ANTHEMIS COTULA L.
Crop	Code	Common Name	
1.	TRZAW	WHEAT, WINTER	

Application Description

	A	B
Application Timing:	"A" Epost	"B" Post
Date Treated:	4/15/08	4/17/08
Time Treated:	3:30 PM	10:00 AM
% Cloud Cover:	0	20
Air Temp., Unit:	61 F	64 F
% Relative Humidity:	32	41
Wind Speed/Unit/Dir:	9 mph SW	5 mph SW
Soil Temp., Unit:	50 F	49 F
Soil/Leaf Surface M:	3 5	3 5
Soil Moist (1=w 5=d):	2	3

Crop Stage at Each Application

	A	B
Crop Name:	TRZAW	TRZAW
Height (In.):	3-5	5-7
Stage (L):	fekes	"5" lateF "5"

Weed Stage at Each Application

	A	B
Weed 1 Name:	THLAR	THLAR
Height (In.):	1-4	1-4
Stage (L):	many	many
Weed 2 Name:	STEME	STEME
Height (In.):	1-1.25	1-1.25
Stage (L):	many-flwr	strt flwr
Weed 3 Name:	LAMAM	LAMAM
Height (In.):	1-2	1-2
Stage (L):	strt flwr	strt flwr
Weed 4 Name:	ANTCO	ANTCO
Height (In.):	1-2	1-2
Stage (L):	many	many

Weed Density (plants/sq. ft.)

	1	2	3
Date:	7/25/08	7/25/08	7/25/08
Weed Name:	CHEAL	ANGR	AMBEL
Density:	0.25	0.375	3.625

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Appl	Sprayer Type	Speed MPH	Nozzle Type	Application Equipment				GPA	Carrier	PSI
				Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width			
A	Cub	3.8	AirMix	11003	24	20	100	19	28% N	28
B	Cub	3.8	AirMix	11003	24	20	100	19	28%N/H2O	28

Comments: Previous Crop- Soybean
Previous Herbicide- Liberty (glufosinate)

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Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

TRZAW injury percent 4/18/08 3 DA-A
 TRZAW injury percent 4/20/08 5 DA-A
 TRZAW injury percent 4/25/08 10 DA-A
 TRZAW injury percent 5/1/08 16 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	TRZAW injury percent 4/18/08 3 DA-A	TRZAW injury percent 4/20/08 5 DA-A	TRZAW injury percent 4/25/08 10 DA-A	TRZAW injury percent 5/1/08 16 DA-A
1	Nitrogen (28%)		L	19	gal/a	EPOS	A	2	2	0	0
1	Untreated					POST	B				
2	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	1	0	0	0
2	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
3	28% UAN (100% carrier)		L	19	gal/a	POST	B	1	1	0	0
4	Nitrogen (28%)		L	19	gal/a	EPOS	A	2	0	0	0
4	2,4-D Amine	3.8	L	1	pt/a	POST	B				
5	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	1	0	0	0
5	2,4-D Amine	3.8	L	1	pt/a	POST	B				
5	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
6	2,4-D Amine	3.8	L	1	pt/a	POST	B	0	0	0	0
6	28% UAN (100% carrier)		L	19	gal/a	POST	B				
7	Nitrogen (28%)		L	19	gal/a	EPOS	A	2	1	0	0
7	2,4-D Ester	3.8	L	1	pt/a	POST	B				
8	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	1	0	0	0
8	2,4-D Ester	3.8	L	1	pt/a	POST	B				
8	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
9	2,4-D Ester	3.8	L	1	pt/a	POST	B	4	7	2	0
9	28% UAN (100% carrier)		L	19	gal/a	POST	B				
10	Nitrogen (28%)		L	19	gal/a	EPOS	A	4	2	3	0
10	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
10	[Express SG]	50	DF	0.375	oz/a	POST	B				
10	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
10	Activator 90		L	0.25	% v/v	POST	B				
11	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	8	10	4	0
11	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
11	[Express SG]	50	DF	0.375	oz/a	POST	B				
11	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
11	Activator 90		L	0.25	% v/v	POST	B				
11	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
12	Affinity BroadSpec	50	DF	0.75	oz/a	POST		12	18	9	3
12	[Express SG]	50	DF	0.375	oz/a	POST	B				
12	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
12	Activator 90		L	0.25	% v/v	POST	B				
12	28% UAN (100% carrier)		L	19	gal/a	POST	B				

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Weed Code											
Crop Code								TRZAW	TRZAW	TRZAW	TRZAW
Rating Data Type								injury	injury	injury	injury
Rating Unit								percent	percent	percent	percent
Rating Date								4/18/08	4/20/08	4/25/08	5/1/08
Trt-Eval Interval								3 DA-A	5 DA-A	10 DA-A	16 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
13	Nitrogen (28%)		L	19	gal/a	EPOS	A	3	2	0	0
13	Huskie	2.08	L	11	fl oz/a	POST	B				
13	Activator 90		L	0.25	% v/v	POST	B				
13	28% UAN		L	2	qt/a	POST	B				
14	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	7	9	3	1
14	Huskie	2.08	L	11	fl oz/a	POST	B				
14	Activator 90		L	0.25	% v/v	POST	B				
14	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
15	Huskie	2.08	L	11	fl oz/a	POST	B	15	23	9	4
15	Activator 90		L	0.25	% v/v	POST	B				
15	28% UAN (100% carrier)		L	19	gal/a	POST	B				
16	Nitrogen (28%)		L	19	gal/a	EPOS	A	3	3	0	0
16	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
16	[Express SG]	50	DF	0.375	oz/a	POST	B				
16	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
16	Kocide 3000	46.1	DF	0.75	lb/a	POST	B				
16	Activator 90		L	0.25	% v/v	POST	B				
17	Nitrogen (28%)		L	19	gal/a	EPOS	A	2	1	0	0
17	Banvel	4	L	4	fl oz/a	POST	B				
18	Nitrogen (28%)		L	19	gal/a	EPOS	A	2	2	0	0
18	Huskie	2.08	L	15	fl oz/a	POST	B				
18	Activator 90		L	0.25	% v/v	POST	B				
18	28% UAN		L	2	qt/a	POST	B				
LSD (P=.10)								1.3	2.1	1.1	1.1
Standard Deviation								1.1	1.8	1.0	0.9
CV								30.25	41.24	58.24	241.69

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Weed Code	THLAR	STEME	LAMAM	MATCH
Crop Code				
Rating Data Type	control	control	control	control
Rating Unit	percent	percent	percent	percent
Rating Date	5/1/08	5/1/08	5/1/08	5/1/08
Trt-Eval Interval	16 DA-A	16 DA-A	16 DA-A	16 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Nitrogen (28%)		L	19	gal/a	EPOS	A	0	0	0	0
1	Untreated					POST	B				
2	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	53	0	0	0
2	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
3	28% UAN (100% carrier)		L	19	gal/a	POST	B	0	0	0	0
4	Nitrogen (28%)		L	19	gal/a	EPOS	A	98	76	5	77
4	2,4-D Amine	3.8	L	1	pt/a	POST	B				
5	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	98	69	20	71
5	2,4-D Amine	3.8	L	1	pt/a	POST	B				
5	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
6	2,4-D Amine	3.8	L	1	pt/a	POST	B	96	79	20	85
6	28% UAN (100% carrier)		L	19	gal/a	POST	B				
7	Nitrogen (28%)		L	19	gal/a	EPOS	A	98	85	20	90
7	2,4-D Ester	3.8	L	1	pt/a	POST	B				
8	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	95	82	59	75
8	2,4-D Ester	3.8	L	1	pt/a	POST	B				
8	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
9	2,4-D Ester	3.8	L	1	pt/a	POST	B	94	77	15	83
9	28% UAN (100% carrier)		L	19	gal/a	POST	B				
10	Nitrogen (28%)		L	19	gal/a	EPOS	A	95	96	96	99
10	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
10	[Express SG]	50	DF	0.375	oz/a	POST	B				
10	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
10	Activator 90		L	0.25	% v/v	POST	B				
11	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	94	94	91	99
11	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
11	[Express SG]	50	DF	0.375	oz/a	POST	B				
11	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
11	Activator 90		L	0.25	% v/v	POST	B				
11	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
12	Affinity BroadSpec	50	DF	0.75	oz/a	POST		95	96	95	95
12	[Express SG]	50	DF	0.375	oz/a	POST	B				
12	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
12	Activator 90		L	0.25	% v/v	POST	B				
12	28% UAN (100% carrier)		L	19	gal/a	POST	B				

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Weed Code		THLAR	STEME	LAMAM	MATCH
Crop Code					
Rating Data Type		control	control	control	control
Rating Unit		percent	percent	percent	percent
Rating Date		5/1/08	5/1/08	5/1/08	5/1/08
Trt-Eval Interval		16 DA-A	16 DA-A	16 DA-A	16 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
13	Nitrogen (28%)		L	19	gal/a	EPOS	A	99	85	96	92
13	Huskie	2.08	L	11	fl oz/a	POST	B				
13	Activator 90		L	0.25	% v/v	POST	B				
13	28% UAN		L	2	qt/a	POST	B				
14	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	99	90	92	91
14	Huskie	2.08	L	11	fl oz/a	POST	B				
14	Activator 90		L	0.25	% v/v	POST	B				
14	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
15	Huskie	2.08	L	11	fl oz/a	POST	B	93	71	90	72
15	Activator 90		L	0.25	% v/v	POST	B				
15	28% UAN (100% carrier)		L	19	gal/a	POST	B				
16	Nitrogen (28%)		L	19	gal/a	EPOS	A	93	96	85	96
16	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
16	[Express SG]	50	DF	0.375	oz/a	POST	B				
16	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
16	Kocide 3000	46.1	DF	0.75	lb/a	POST	B				
16	Activator 90		L	0.25	% v/v	POST	B				
17	Nitrogen (28%)		L	19	gal/a	EPOS	A	70	50	0	50
17	Banvel	4	L	4	fl oz/a	POST	B				
18	Nitrogen (28%)		L	19	gal/a	EPOS	A	99	80	86	91
18	Huskie	2.08	L	15	fl oz/a	POST	B				
18	Activator 90		L	0.25	% v/v	POST	B				
18	28% UAN		L	2	qt/a	POST	B				
LSD (P=.10)								14.3	17.4	24.4	22.8
Standard Deviation								12.1	14.8	20.7	19.3
CV								14.84	21.69	42.85	27.43

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Weed Code								AMBEL	AMBEL	AMBEL	
Crop Code											TRZAW
Rating Data Type								control	control	control	moisture
Rating Unit								percent	percent	percent	percent
Rating Date								5/1/08	7/21/08	8/8/08	7/15/08
Trt-Eval Interval								16 DA-A	97 DA-A	115 DA-A	91 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	Nitrogen (28%)		L	19	gal/a	EPOS	A	0	74	75	13.0
1	Untreated					POST	B				
2	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	0	45	63	12.8
2	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
3	28% UAN (100% carrier)		L	19	gal/a	POST	B	0	66	66	13.0
4	Nitrogen (28%)		L	19	gal/a	EPOS	A	50	90	84	12.9
4	2,4-D Amine	3.8	L	1	pt/a	POST	B				
5	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	62	90	86	12.9
5	2,4-D Amine	3.8	L	1	pt/a	POST	B				
5	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
6	2,4-D Amine	3.8	L	1	pt/a	POST	B	74	91	88	12.8
6	28% UAN (100% carrier)		L	19	gal/a	POST	B				
7	Nitrogen (28%)		L	19	gal/a	EPOS	A	87	96	93	12.8
7	2,4-D Ester	3.8	L	1	pt/a	POST	B				
8	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	75	98	93	13.0
8	2,4-D Ester	3.8	L	1	pt/a	POST	B				
8	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
9	2,4-D Ester	3.8	L	1	pt/a	POST	B	62	98	94	13.2
9	28% UAN (100% carrier)		L	19	gal/a	POST	B				
10	Nitrogen (28%)		L	19	gal/a	EPOS	A	13	77	70	12.4
10	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
10	[Express SG]	50	DF	0.375	oz/a	POST	B				
10	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
10	Activator 90		L	0.25	% v/v	POST	B				
11	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	0	68	71	13.2
11	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
11	[Express SG]	50	DF	0.375	oz/a	POST	B				
11	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
11	Activator 90		L	0.25	% v/v	POST	B				
11	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
12	Affinity BroadSpec	50	DF	0.75	oz/a	POST		0	56	64	12.7
12	[Express SG]	50	DF	0.375	oz/a	POST	B				
12	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
12	Activator 90		L	0.25	% v/v	POST	B				
12	28% UAN (100% carrier)		L	19	gal/a	POST	B				

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Weed Code		AMBEL	AMBEL	AMBEL	
Crop Code					TRZAW
Rating Data Type		control	control	control	moisture
Rating Unit		percent	percent	percent	percent
Rating Date		5/1/08	7/21/08	8/8/08	7/15/08
Trt-Eval Interval		16 DA-A	97 DA-A	115 DA-A	91 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
13	Nitrogen (28%)		L	19	gal/a	EPOS	A	87	94	90	12.7
13	Huskie	2.08	L	11	fl oz/a	POST	B				
13	Activator 90		L	0.25	% v/v	POST	B				
13	28% UAN		L	2	qt/a	POST	B				
14	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	62	89	83	12.9
14	Huskie	2.08	L	11	fl oz/a	POST	B				
14	Activator 90		L	0.25	% v/v	POST	B				
14	28% UAN (50% carrier)		L	9.5	gal/a	POST	B				
15	Huskie	2.08	L	11	fl oz/a	POST	B	25	87	81	12.8
15	Activator 90		L	0.25	% v/v	POST	B				
15	28% UAN (100% carrier)		L	19	gal/a	POST	B				
16	Nitrogen (28%)		L	19	gal/a	EPOS	A	13	68	71	12.9
16	Affinity BroadSpec	50	DF	0.75	oz/a	POST					
16	[Express SG]	50	DF	0.375	oz/a	POST	B				
16	[Harmony SG]	50	DF	0.375	oz/a	POST	B				
16	Kocide 3000	46.1	DF	0.75	lb/a	POST	B				
16	Activator 90		L	0.25	% v/v	POST	B				
17	Nitrogen (28%)		L	19	gal/a	EPOS	A	62	99	99	12.7
17	Banvel	4	L	4	fl oz/a	POST	B				
18	Nitrogen (28%)		L	19	gal/a	EPOS	A	62	97	92	12.8
18	Huskie	2.08	L	15	fl oz/a	POST	B				
18	Activator 90		L	0.25	% v/v	POST	B				
18	28% UAN		L	2	qt/a	POST	B				
LSD (P=.10)								31.3	16.5	13.3	0.87
Standard Deviation								26.5	13.9	11.2	0.74
CV								64.98	16.87	13.8	5.74

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Weed Code	
Crop Code	TRZAW
Rating Data Type	yield
Rating Unit	bu/acre
Rating Date	7/15/08
Trt-Eval Interval	at 13% M

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Yield
1	Nitrogen (28%)		L	19	gal/a	EPOS	A	101.2
1	Untreated					POST	B	
2	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	102.4
2	28% UAN (50% carrier)		L	9.5	gal/a	POST	B	
3	28% UAN (100% carrier)		L	19	gal/a	POST	B	100.3
4	Nitrogen (28%)		L	19	gal/a	EPOS	A	107.4
4	2,4-D Amine	3.8	L	1	pt/a	POST	B	
5	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	103.3
5	2,4-D Amine	3.8	L	1	pt/a	POST	B	
5	28% UAN (50% carrier)		L	9.5	gal/a	POST	B	
6	2,4-D Amine	3.8	L	1	pt/a	POST	B	105.2
6	28% UAN (100% carrier)		L	19	gal/a	POST	B	
7	Nitrogen (28%)		L	19	gal/a	EPOS	A	105.5
7	2,4-D Ester	3.8	L	1	pt/a	POST	B	
8	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	108.3
8	2,4-D Ester	3.8	L	1	pt/a	POST	B	
8	28% UAN (50% carrier)		L	9.5	gal/a	POST	B	
9	2,4-D Ester	3.8	L	1	pt/a	POST	B	103.6
9	28% UAN (100% carrier)		L	19	gal/a	POST	B	
10	Nitrogen (28%)		L	19	gal/a	EPOS	A	103.2
10	Affinity BroadSpec	50	DF	0.75	oz/a	POST		
10	[Express SG]	50	DF	0.375	oz/a	POST	B	
10	[Harmony SG]	50	DF	0.375	oz/a	POST	B	
10	Activator 90		L	0.25	% v/v	POST	B	
11	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	106.6
11	Affinity BroadSpec	50	DF	0.75	oz/a	POST		
11	[Express SG]	50	DF	0.375	oz/a	POST	B	
11	[Harmony SG]	50	DF	0.375	oz/a	POST	B	
11	Activator 90		L	0.25	% v/v	POST	B	
11	28% UAN (50% carrier)		L	9.5	gal/a	POST	B	
12	Affinity BroadSpec	50	DF	0.75	oz/a	POST		102.4
12	[Express SG]	50	DF	0.375	oz/a	POST	B	
12	[Harmony SG]	50	DF	0.375	oz/a	POST	B	
12	Activator 90		L	0.25	% v/v	POST	B	
12	28% UAN (100% carrier)		L	19	gal/a	POST	B	

MSU Weed Science Research Program

Herbicide and 28% Nitrogen Interactions in Winter Wheat

Trial ID: WT01-08
 Conducted: C-12 Campus

Study Dir.: Sprague and Powell
 Investigator: Christy Sprague

Weed Code	
Crop Code	TRZAW
Rating Data Type	yield
Rating Unit	bu/acre
Rating Date	7/15/08
Trt-Eval Interval	at 13% M

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	
13	Nitrogen (28%)		L	19	gal/a	EPOS	A	102.3
13	Huskie	2.08	L	11	fl oz/a	POST	B	
13	Activator 90		L	0.25	% v/v	POST	B	
13	28% UAN		L	2	qt/a	POST	B	
14	Nitrogen (28%)		L	9.5	gal/a	EPOS	A	100.0
14	Huskie	2.08	L	11	fl oz/a	POST	B	
14	Activator 90		L	0.25	% v/v	POST	B	
14	28% UAN (50% carrier)		L	9.5	gal/a	POST	B	
15	Huskie	2.08	L	11	fl oz/a	POST	B	102.5
15	Activator 90		L	0.25	% v/v	POST	B	
15	28% UAN (100% carrier)		L	19	gal/a	POST	B	
16	Nitrogen (28%)		L	19	gal/a	EPOS	A	104.7
16	Affinity BroadSpec	50	DF	0.75	oz/a	POST		
16	[Express SG]	50	DF	0.375	oz/a	POST	B	
16	[Harmony SG]	50	DF	0.375	oz/a	POST	B	
16	Kocide 3000	46.1	DF	0.75	lb/a	POST	B	
16	Activator 90		L	0.25	% v/v	POST	B	
17	Nitrogen (28%)		L	19	gal/a	EPOS	A	101.1
17	Banvel	4	L	4	fl oz/a	POST	B	
18	Nitrogen (28%)		L	19	gal/a	EPOS	A	107.0
18	Huskie	2.08	L	15	fl oz/a	POST	B	
18	Activator 90		L	0.25	% v/v	POST	B	
18	28% UAN		L	2	qt/a	POST	B	
LSD (P=.10)								5.47
Standard Deviation								4.63
CV								4.46