

7. 8/Apr/07 0.1 IN
 8. 10/Apr/07 1.01 IN
 9. 14/Apr/07 0.39 IN
 10. 18/Apr/07 0.11 IN
 11. 25/Apr/07 1.37 IN
 12. 26/Apr/07 0.41 IN
 13. 2/May/07 0.04 IN
 14. 3/May/07 1.24 IN
 15. 15/May/07 0.02 IN
 16. 16/May/07 0.01 IN
 17. 17/May/07 0.01 IN
 18. 3/Jun/07 0.02 IN
 19. 16/Jun/07 0.01 IN
 20. 18/Jun/07 0.02 IN
 21. 19/Jun/07 0.4 IN
 22. 2/Jul/07 0.3 IN
 23. 3/Jul/07 0.06 IN
 24. 4/Jul/07 1.14 IN
 25. 5/Jul/07 0.31 IN
 26. 6/Jul/07 0.27 IN
 27. 7/Jul/07 1.39 IN
 28. 9/Jul/07 0.36 IN
 29. 10/Jul/07 0.01 IN
 30. 11/Jul/07 0.27 IN
 31. 13/Jul/07 0.3 IN
 32. 14/Jul/07 1.96 IN
 33. 15/Jul/07 2.8 IN
 34. 17/Jul/07 1.56 IN
 35. 20/Jul/07 0.93 IN
 36. 21/Jul/07 0.1 IN
 37. 22/Jul/07 0.01 IN
 38. 30/Jul/07 2.35 IN

Application Description

	A	B	C
Application Date:	22/Mar/07	29/Mar/07	3/Apr/07
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	10 DPP	4 DPP	0 DPP
Application Placement:	BANSOI	BANSOI	BANSOI
Air Temperature, Unit:	80 F	85 F	83 F
% Relative Humidity:	52	61	58
Wind Velocity, Unit:	8 MPH	6 MPH	6 MPH
Wind Direction:	NE	NE	N
Soil Temperature, Unit:	75 F	79 F	81 F
Soil Moisture:	DRY	DRY	DAMP
% Cloud Cover:	40	20	80

Crop Stage At Each Application

	A	B	C
Crop 1 Code, BBCH Scale:	ZEAMX BCOR	ZEAMX BCOR	ZEAMX BCOR
Stage Scale Used:	N/A	N/A	N/A

Pest Stage At Each Application

	A	B	C
Pest 1 Code, Disc., Scale:	ABUTH	WABUTH	WABUTH W
Stage Majority, Percent:		4-5 LF	
Stage Minimum, Percent:		2"	
Stage Maximum, Percent:		2"	
Pest 2 Code, Disc., Scale:	DIGSA	WDIGSA	WDIGSA W
Stage Majority, Percent:		5-6 LF	
Stage Minimum, Percent:		1"	
Stage Maximum, Percent:		2"	
Pest 3 Code, Disc., Scale:	BRVCI	WBRVCI	WBRVCI W

Stage Majority, Percent: 5-7 LF
Stage Minimum, Percent: 8"
Stage Maximum, Percent: 10"

Application Equipment

	A	B	C
Appl. Equipment:	Tractor	Tractor	Tractor
Operating Pressure, Unit:	40 psi	40 psi	40 psi
Nozzle Type:	Greenleaf	Greenleaf	Greenleaf
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	20 in	20 in	20 in
Nozzles/Row:	2	2	2
Carrier:	Water	Water	Water

LSU Northeast Research Station

Effect of clethodim residue on corn yield.

Trial ID: SJ07C012

Protocol ID: SJ07C012

Location:

Study Director: Valent - MD01.21

Investigator: Bill Williams

Pest Type

Pest Code

Crop Code

Part Rated

Rating Date

Rating Data Type

Rating Unit

Trt-Eval Interval

ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
STAND	CSTAND	CSTAND	CSTAND	CSTAND	CPLATOT C
11/Apr/07	18/Apr/07	26/Apr/07	2/May/07	18/May/07	11/Apr/07
Reduction	Reduction	Reduction	Reduction	Reduction	VigorRed
%	%	%	%	%	%
8 DA-C	15 DA-C	23 DA-C	29 DA-C	45 DA-C	8 DA-C

Trt Treatment

Rate Growth

No. Name

Rate Unit

Stage

1

2

3

4

5

6

1	nontreated		0	a0	a0	a0	a0	a0	a
2	Select Max 4	OZ/A 10 DPP	0	a0	a0	a0	a0	a0	a
3	Select Max 4	OZ/A 4 DPP	0	a0	a0	a0	a0	a0	a
4	Select Max 4	OZ/A 0 DPP	0	a0	a0	a0	a0	a0	a
5	Select Max 6	OZ/A 10 DPP	0	a0	a0	a0	a0	a0	a
6	Select Max 6	OZ/A 4 DPP	0	a0	a0	a0	a0	a0	a
7	Select Max 6	OZ/A 0 DPP	0	a0	a0	a0	a0	a0	a
8	Arrow	4 OZ/A 10 DPP	0	a0	a0	a0	a0	a0	a
9	Arrow	4 OZ/A 4 DPP	0	a0	a0	a0	a0	a0	a
10	Arrow	4 OZ/A 0 DPP	0	a0	a0	a0	a0	a0	a

LSD (P=.10)

0.0

0.0

0.0

0.0

0.0

0.0

Standard Deviation

0.0

0.0

0.0

0.0

0.0

0.0

CV

0.0

0.0

0.0

0.0

0.0

0.0

Grand Mean

0.0

0.0

0.0

0.0

0.0

0.0

Bartlett's X2

0.0

0.0

0.0

0.0

0.0

0.0

P(Bartlett's X2)

.

.

.

.

.

.

Replicate F

0.000

0.000

0.000

0.000

0.000

0.000

Replicate Prob(F)

1.0000

1.0000

1.0000

1.0000

1.0000

1.0000

Treatment F

0.000

0.000

0.000

0.000

0.000

0.000

Treatment Prob(F)

1.0000

1.0000

1.0000

1.0000

1.0000

1.0000

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Pest Type									
Pest Code									
Crop Code		ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX			
Part Rated		PLATOT	CPLATOT	CPLATOT	CPLATOT	CPLATOT C			
Rating Date		18/Apr/07	26/Apr/07	2/May/07	18/May/07	11/Apr/07			
Rating Data Type		VigorRed	VigorRed	VigorRed	VigorRed	PHYTOGEN			
Rating Unit		%	%	%	%	%			
Trt-Eval Interval		15 DA-C	23 DA-C	29 DA-C	45 DA-C	8 DA-C			
Trt	Treatment	Rate	Growth						
No.	Name	Rate	Unit	Stage	7	8	9	10	11
1	nontreated			0	a0	a0	a0	a0	a
2	Select Max 4	OZ/A	10 DPP	0	a0	a2	a0	a0	a
3	Select Max 4	OZ/A	4 DPP	0	a0	a0	a0	a0	a
4	Select Max 4	OZ/A	0 DPP	0	a0	a0	a0	a0	a
5	Select Max 6	OZ/A	10 DPP	0	a0	a2	a0	a0	a
6	Select Max 6	OZ/A	4 DPP	0	a0	a2	a0	a0	a
7	Select Max 6	OZ/A	0 DPP	0	a0	a2	a0	a0	a
8	Arrow	4	OZ/A	10 DPP	0	a0	a0	a0	a
9	Arrow	4	OZ/A	4 DPP	0	a0	a0	a0	a
10	Arrow	4	OZ/A	0 DPP	0	a0	a0	a0	a
LSD (P=.10)				0.0	0.0	2.1	0.0	0.0	
Standard Deviation				0.0	0.0	1.5	0.0	0.0	
CV				0.0	0.0	199.17	0.0	0.0	
Grand Mean				0.0	0.0	0.73	0.0	0.0	
Bartlett's X2				0.0	0.0	0.051	0.0	0.0	
P(Bartlett's X2)				.	.	0.997	.	.	
Replicate F				0.000	0.000	5.688	0.000	0.000	
Replicate Prob(F)				1.0000	1.0000	0.0122	1.0000	1.0000	
Treatment F				0.000	0.000	1.313	0.000	0.000	
Treatment Prob(F)				1.0000	1.0000	0.2970	1.0000	1.0000	

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

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LSU Northeast Research Station

Pest Type									
Pest Code									
Crop Code		ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX			
Part Rated		PLATOT C	PLATOT C	PLATOT C	PLATOT C	GRAIN C			
Rating Date		18/Apr/07	26/Apr/07	2/May/07	18/May/07	14/Aug/07			
Rating Data Type		PHYTOGEN	PHYTOGEN	PHYTOGEN	PHYTOGEN	Yield			
Rating Unit		%	%	%	%	lb/plt			
Trt-Eval Interval		15 DA-C	23 DA-C	29 DA-C	45 DA-C				
Trt	Treatment	Rate	Growth						
No.	Name	Rate	Unit	Stage	12	13	14	15	16
1	nontreated			0	a0	a0	a0	a0	a34 a
2	Select Max 4	OZ/A	10 DPP	0	a0	a1	a0	a0	a33 a
3	Select Max 4	OZ/A	4 DPP	0	a0	a0	a0	a0	a34 a
4	Select Max 4	OZ/A	0 DPP	0	a0	a0	a0	a0	a33 a
5	Select Max 6	OZ/A	10 DPP	0	a0	a0	a0	a0	a35 a
6	Select Max 6	OZ/A	4 DPP	0	a0	a0	a0	a0	a34 a
7	Select Max 6	OZ/A	0 DPP	0	a0	a0	a0	a0	a26 b
8	Arrow 4	OZ/A	10 DPP	0	a0	a1	a0	a0	a35 a
9	Arrow 4	OZ/A	4 DPP	0	a0	a0	a0	a0	a35 a
10	Arrow 4	OZ/A	0 DPP	0	a0	a0	a0	a0	a34 a
LSD (P=.10)				0.0	0.0	0.7	0.0	0.0	3.5
Standard Deviation				0.0	0.0	0.5	0.0	0.0	2.5
CV				0.0	0.0	294.39	0.0	0.0	7.38
Grand Mean				0.0	0.0	0.17	0.0	0.0	33.42
Bartlett's X2				0.0	0.0	1.002	0.0	0.0	22.982
P(Bartlett's X2)				.	.	0.606	.	.	0.006*
Replicate F				0.000	0.000	3.462	0.000	0.000	0.375
Replicate Prob(F)				1.0000	1.0000	0.0535	1.0000	1.0000	0.6928
Treatment F				0.000	0.000	1.000	0.000	0.000	3.403
Treatment Prob(F)				1.0000	1.0000	0.4742	1.0000	1.0000	0.0130

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Pest Type		
Pest Code		
Crop Code	ZEAMX	ZEAMX
Part Rated	GRAIN	CGRAIN C
Rating Date	14/Aug/07	14/Aug/07
Rating Data Type	Moisture	YIELD
Rating Unit	%	BU
Trt-Eval Interval		

Trt	Treatment	Rate	Growth		
No.	Name	RateUnit	Stage	17	18
1	nontreated			15	a 191 a
2	Select Max 4	OZ/A 10 DPP		15	a 186 a
3	Select Max 4	OZ/A 4 DPP		15	a 186 a
4	Select Max 4	OZ/A 0 DPP		15	a 185 a
5	Select Max 6	OZ/A 10 DPP		15	a 195 a
6	Select Max 6	OZ/A 4 DPP		16	a 189 a
7	Select Max 6	OZ/A 0 DPP		15	a 145 b
8	Arrow	4 OZ/A 10 DPP		15	a 193 a
9	Arrow	4 OZ/A 4 DPP		15	a 194 a
10	Arrow	4 OZ/A 0 DPP		15	a 189 a
LSD (P=.10)				1.5	19.2
Standard Deviation				1.0	13.6
CV				6.91	7.31
Grand Mean				15.07	185.42
Bartlett's X2				5.948	18.493
P(Bartlett's X2)				0.745	0.03*
Replicate F				0.886	0.580
Replicate Prob(F)				0.4294	0.5699
Treatment F				0.447	3.429
Treatment Prob(F)				0.8907	0.0125

Means followed by same letter do not significantly differ (P=.10, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 18: TY1 = 5.553346*[16]*(100-[17])/85