

Bayer ProTech Plus in Corn.

Trial ID: 09-20A-W160

Location: Belleville Res. Center

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu
 City State Zip Country: Belleville IL 62221 USA
 Trial Status: FINAL Initiation Date: 06-26-09

Objectives: Evaluate the combination of technologies in the Bayer ProTechPlus concept for corn response and yield.

Crop 1: ZEAMD Dent corn Variety: RR
 Planting Method: SEEDED Planting Date: 06-26-09
 Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: D Code: CERCZM Cercospora zeae-maydis Gray leaf spot of corn
 Pest 2 Type: D Code: PUCCPY Puccinia polysora Southern rust of corn

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 36 FT Tillage Type: REDUCED-TILL
 Replications: 6 Study Design: Randomized Complete Block

Prior Crops, Year
 1. GLXMA 2008

Field Prep./Maintenance: N 150 LB/A, P2O5 0 LB/A, K2O 150 LB/A

% OM: 2.6 Texture: SILT LOAM
 pH: 6.1 Soil Name: BETHALTO
 CEC: 13 Fert. Level: P1 78 LB/A, K 423 LB/A

Application Description

	A	B	C	D
Application Date:	06-26-09	06-27-09	07-13-09	08-21-09
Time of Day:		9:45	13:30	12:15
Application Method:	Seed	Spray	Spray	Spray
Application Timing:	Treatment	PRE	POST	ATGRST
Application Placement:		BROSOI	BROFOL	BROFOL
Applied By:		DKP	NVH	DKP
Air Temperature, Unit:	86 F	80 F	78 F	78 F
% Relative Humidity:	88	92	70	
Wind Velocity, Unit:	1 MPH	4 MPH	8 MPH	MPH
Wind Direction:	NE	SE	W	
Dew Presence (Y/N):	N	N	N	
Soil Moisture:	NORMAL	ABONOR	ABONOR	
% Cloud Cover:	20	30	60	

	06-26-09	06-27-09	07-13-09	08-21-09
Crop stage at application:	NA	NA	V5-V6	VT
Height Min, Max (inch):			16 18 96	120

Pest Stage At Each Application

	06-26-09	06-27-09	07-13-09	08-21-09
Weed Code:	CERCZM	CERCZM	CERCZM	CERCZM
Stage Majority (leaves):	NA	NA	NA	NA
Weed Code:	PUCCPY	PUCCPY	PUCCPY	PUCCPY
Stage Majority (leaves):	NA	NA	NA	NA

Application Equipment

	SEED	TRT	CO2	sprayer	CO2	sprayer	CO2	sprayer
Appl. Equipment:								
Operating Pressure:	30	PSI	30	PSI	30	PSI		
Nozzle Type:	Flat fan		Flat fan		Flat fan			
Nozzle Size:	XR 8002		XR 8002		XR 8002			
Boom Length, Unit:	5	FT	5	FT	5	FT		
Spray Volume, Unit:	15	GPA	15	GPA	15	GPA		

Bayer ProTech Plus in Corn.

Trial ID: 09-20A-W160

Location: Belleville Res. Center

Pest Code
Crop Code
Rating Date
Rating Data Type
Rating Unit
Rating Timing
Trt-Eval Interval

ZEAMD 12-06-09 Moisture Percent	ZEAMD 12-06-09 Yield bu/A	ZEAMD 07-22-09 Vigor 1-6	ZEAMD 07-22-09 Plants 000/A
21 DAE			21 DAE

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	MAXIM XL	2.683333	LS			0.631	oz/cwt	SEEDTRT	A	23.7	ab	168	a
1	APRON XL	2.916667	ES			0.1659	oz/cwt	SEEDTRT	A			2.2	a
1	PRO-IZED RED COLORANT	0	FS			1.138	oz/cwt	SEEDTRT	A				
1	DYNASTY	0.8288333	FS			0.584	oz/cwt	SEEDTRT	A				
1	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
1	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
1	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
1	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
2	VORTEX FL	3.735	FS			0.324	oz/cwt	SEEDTRT	A	23.3	abc	169	a
2	ALLEGIANCE FL	2.65	FS			0.365	oz/cwt	SEEDTRT	A			2.2	a
2	TRILEX FLOWAB FUNGICIDE	2	FS			0.605	oz/cwt	SEEDTRT	A				
2	PONCHO FS	5	FS					SEEDTRT	A				
2	GB 126 240FS	2.060417	FS					SEEDTRT	A				
2	PRO-IZED GREEN COLORANT	0	FS			1.138	oz/cwt	SEEDTRT	A				
2	PRECISE S FINISHER 1006	0	AL			15.1	oz/cwt	SEEDTRT	A				
2	TALC	100	WP			3.786	oz/cwt	SEEDTRT	A				
2	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
2	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
2	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
2	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
3	VORTEX FL	3.735	FS			0.324	oz/cwt	SEEDTRT	A	23.5	abc	167	a
3	ALLEGIANCE FL	2.65	FS			0.365	oz/cwt	SEEDTRT	A			2.5	a
3	TRILEX FLOWAB FUNGICIDE	2	FS			0.605	oz/cwt	SEEDTRT	A				
3	PONCHO FS	5	FS					SEEDTRT	A				
3	GB 126 240FS	2.060417	FS					SEEDTRT	A				
3	PRO-IZED GREEN COLORANT	0	FS			1.138	oz/cwt	SEEDTRT	A				
3	PRECISE S FINISHER 1006	0	AL			15.1	oz/cwt	SEEDTRT	A				
3	TALC	100	WP			3.786	oz/cwt	SEEDTRT	A				
3	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
3	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
3	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
3	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
3	USF0731	4.17	SC	0.163	lb ai/a	5	oz/a	ATGRST	D				
4	VORTEX FL	3.735	FS			0.324	oz/cwt	SEEDTRT	A	23.0	c	172	a
4	ALLEGIANCE FL	2.65	FS			0.365	oz/cwt	SEEDTRT	A			2.3	a
4	TRILEX FLOWAB FUNGICIDE	2	FS			0.605	oz/cwt	SEEDTRT	A				
4	PONCHO FS	5	FS					SEEDTRT	A				
4	GB 126 240FS	2.060417	FS					SEEDTRT	A				
4	PRO-IZED GREEN COLORANT	0	FS			1.138	oz/cwt	SEEDTRT	A				
4	PRECISE S FINISHER 1006	0	AL			15.1	oz/cwt	SEEDTRT	A				
4	TALC	100	WP			3.786	oz/cwt	SEEDTRT	A				
4	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
4	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
4	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
4	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
4	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
4	USF0731	4.17	SC	0.163	lb ai/a	5	oz/a	ATGRST	D				
5	VORTEX FL	3.735	FS			0.324	oz/cwt	SEEDTRT	A	23.8	a	173	a
5	ALLEGIANCE FL	2.65	FS			0.365	oz/cwt	SEEDTRT	A			2.2	a
5	TRILEX FLOWAB FUNGICIDE	2	FS			0.605	oz/cwt	SEEDTRT	A				
5	PONCHO FS	5	FS					SEEDTRT	A				
5	GB 126 240FS	2.060417	FS					SEEDTRT	A				
5	PRO-IZED GREEN COLORANT	0	FS			1.138	oz/cwt	SEEDTRT	A				
5	PRECISE S FINISHER 1006	0	AL			15.1	oz/cwt	SEEDTRT	A				
5	TALC	100	WP			3.786	oz/cwt	SEEDTRT	A				
5	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
5	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
5	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
5	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
5	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
5	USF0731	4.17	SC	0.163	lb ai/a	5	oz/a	ATGRST	D				
5	TEST COMPOUND 1	100	SL	1	pt/a	1	pt/a	ATGRST	D				

Bayer ProTech Plus in Corn.

Trial ID: 09-20A-W160

Location: Belleville Res. Center

Pest Code
Crop Code
Rating Date
Rating Data Type
Rating Unit
Rating Timing
Trt-Eval Interval

ZEAMD	ZEAMD	ZEAMD	ZEAMD
12-06-09	12-06-09	07-22-09	07-22-09
Moisture	Yield	Vigor	Plants
Percent	bu/A	1-6	000/A
		21 DAE	21 DAE

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
6	MAXIM XL	2.683333	LS			0.631	oz/cwt	SEEDTRT	A	23.1 bc	168 a	2.3 a	30.2 a
6	APRON XL	2.916667	ES			0.1659	oz/cwt	SEEDTRT	A				
6	DYNASTY	0.8288333	FS			0.584	oz/cwt	SEEDTRT	A				
6	CRUISER 5FS		5 FS					SEEDTRT	A				
6	PRO-IZED RED COLORANT		0 FS			1.138	oz/cwt	SEEDTRT	A				
6	L1463-B		0 AL			7.55	oz/cwt	SEEDTRT	A				
6	TALC	100	WP			3.786	oz/cwt	SEEDTRT	A				
6	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
6	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
6	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
6	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
6	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
6	QUILT	1.66	SC	0.182	lb ai/a	14	oz/a	ATGRST	D				
7	VORTEX FL	3.735	FS			0.324	oz/cwt	SEEDTRT	A	23.0 c	171 a	2.3 a	29.9 a
7	ALLEGIANCE FL	2.65	FS			0.365	oz/cwt	SEEDTRT	A				
7	TRILEX FLOWAB FUNGICIDE	2	FS			0.605	oz/cwt	SEEDTRT	A				
7	PONCHO FS		5 FS					SEEDTRT	A				
7	GB 126 240FS	2.060417	FS					SEEDTRT	A				
7	PRO-IZED PURPLE COLORAN		0 FS			1.899	oz/cwt	SEEDTRT	A				
7	L1463-B		0 AL			18.93	oz/cwt	SEEDTRT	A				
7	L1273-B	0.8333333	AL			2.264	oz/cwt	SEEDTRT	A				
7	TALC	100	WP			3.786	oz/cwt	SEEDTRT	A				
7	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
7	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
7	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
7	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
7	USF0731	4.17	SC	0.163	lb ai/a	5	oz/a	ATGRST	D				

LSD (P=.05)

0.64 9.1 0.47 1.47

Replicate F

4.933 9.814 18.706 2.635

Replicate Prob(F)

0.0021 0.0001 0.0001 0.0433

Treatment F

2.350 0.497 0.588 0.567

Treatment Prob(F)

0.0559 0.8051 0.7370 0.7534

Means followed by same letter do not significantly differ (P=.05, LSD)

Bayer ProTech Plus in Corn.

Trial ID: 09-20A-W160

Location: Belleville Res. Center

										CERCZM	CERCZM	PUCCPY	PUCCPY
										ZEAMD	ZEAMD	ZEAMD	ZEAMD
										10-13-09	10-13-09	10-13-09	10-13-09
										Incidence	Severity	Incidence	Severity
										Percent	Percent	Percent	Percent
										EOS	EOS	EOS	EOS
Trt	Treatment	Form	Form	Rate	Other	Other	Growth	Appl					
No.	Name	Conc	Type	Unit	Rate	Rate Unit	Stage	Code					
1	MAXIM XL	2.683333	LS		0.631	oz/cwt	SEEDTRT	A	1 a	1.0 a	1 a	1.4 ab	
1	APRON XL	2.916667	ES		0.1659	oz/cwt	SEEDTRT	A					
1	PRO-IZED RED COLORANT	0	FS		1.138	oz/cwt	SEEDTRT	A					
1	DYNASTY	0.8288333	FS		0.584	oz/cwt	SEEDTRT	A					
1	CORVUS	2.62	SC	0.115 lb ai/a	5.6	oz/a	PRE	B					
1	AATREX	4	SC	1.5 lb ai/a	3	pt/a	PRE	B					
1	ROUNDUP POWERMAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	POST	C					
1	LAUDIS	3.5	SC	0.082 lb ai/a	3	fl oz/a	POST	C					
1	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	POST	C					
2	VORTEX FL	3.735	FS		0.324	oz/cwt	SEEDTRT	A	1 a	1.0 a	1 a	2.3 a	
2	ALLEGIANCE FL	2.65	FS		0.365	oz/cwt	SEEDTRT	A					
2	TRILEX FLOWAB FUNGICIDE	2	FS		0.605	oz/cwt	SEEDTRT	A					
2	PONCHO FS	5	FS				SEEDTRT	A					
2	GB 126 240FS	2.060417	FS				SEEDTRT	A					
2	PRO-IZED GREEN COLORANT	0	FS		1.138	oz/cwt	SEEDTRT	A					
2	PRECISE S FINISHER 1006	0	AL		15.1	oz/cwt	SEEDTRT	A					
2	TALC	100	WP		3.786	oz/cwt	SEEDTRT	A					
2	CORVUS	2.62	SC	0.115 lb ai/a	5.6	oz/a	PRE	B					
2	AATREX	4	SC	1.5 lb ai/a	3	pt/a	PRE	B					
2	ROUNDUP POWERMAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	POST	C					
2	LAUDIS	3.5	SC	0.082 lb ai/a	3	fl oz/a	POST	C					
2	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	POST	C					
3	VORTEX FL	3.735	FS		0.324	oz/cwt	SEEDTRT	A	1 a	0.9 a	1 a	1.6 ab	
3	ALLEGIANCE FL	2.65	FS		0.365	oz/cwt	SEEDTRT	A					
3	TRILEX FLOWAB FUNGICIDE	2	FS		0.605	oz/cwt	SEEDTRT	A					
3	PONCHO FS	5	FS				SEEDTRT	A					
3	GB 126 240FS	2.060417	FS				SEEDTRT	A					
3	PRO-IZED GREEN COLORANT	0	FS		1.138	oz/cwt	SEEDTRT	A					
3	PRECISE S FINISHER 1006	0	AL		15.1	oz/cwt	SEEDTRT	A					
3	TALC	100	WP		3.786	oz/cwt	SEEDTRT	A					
3	CORVUS	2.62	SC	0.115 lb ai/a	5.6	oz/a	PRE	B					
3	AATREX	4	SC	1.5 lb ai/a	3	pt/a	PRE	B					
3	ROUNDUP POWERMAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	POST	C					
3	LAUDIS	3.5	SC	0.082 lb ai/a	3	fl oz/a	POST	C					
3	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	POST	C					
3	USF0731	4.17	SC	0.163 lb ai/a	5	oz/a	ATGRST	D					
4	VORTEX FL	3.735	FS		0.324	oz/cwt	SEEDTRT	A	1 a	0.9 a	1 a	0.6 b	
4	ALLEGIANCE FL	2.65	FS		0.365	oz/cwt	SEEDTRT	A					
4	TRILEX FLOWAB FUNGICIDE	2	FS		0.605	oz/cwt	SEEDTRT	A					
4	PONCHO FS	5	FS				SEEDTRT	A					
4	GB 126 240FS	2.060417	FS				SEEDTRT	A					
4	PRO-IZED GREEN COLORANT	0	FS		1.138	oz/cwt	SEEDTRT	A					
4	PRECISE S FINISHER 1006	0	AL		15.1	oz/cwt	SEEDTRT	A					
4	TALC	100	WP		3.786	oz/cwt	SEEDTRT	A					
4	CORVUS	2.62	SC	0.115 lb ai/a	5.6	oz/a	PRE	B					
4	AATREX	4	SC	1.5 lb ai/a	3	pt/a	PRE	B					
4	ROUNDUP POWERMAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	POST	C					
4	LAUDIS	3.5	SC	0.082 lb ai/a	3	fl oz/a	POST	C					
4	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	POST	C					
4	USF0731	4.17	SC	0.163 lb ai/a	5	oz/a	ATGRST	D					
5	VORTEX FL	3.735	FS		0.324	oz/cwt	SEEDTRT	A	1 a	0.9 a	1 a	0.6 b	
5	ALLEGIANCE FL	2.65	FS		0.365	oz/cwt	SEEDTRT	A					
5	TRILEX FLOWAB FUNGICIDE	2	FS		0.605	oz/cwt	SEEDTRT	A					
5	PONCHO FS	5	FS				SEEDTRT	A					
5	GB 126 240FS	2.060417	FS				SEEDTRT	A					
5	PRO-IZED GREEN COLORANT	0	FS		1.138	oz/cwt	SEEDTRT	A					
5	PRECISE S FINISHER 1006	0	AL		15.1	oz/cwt	SEEDTRT	A					
5	TALC	100	WP		3.786	oz/cwt	SEEDTRT	A					
5	CORVUS	2.62	SC	0.115 lb ai/a	5.6	oz/a	PRE	B					
5	AATREX	4	SC	1.5 lb ai/a	3	pt/a	PRE	B					
5	ROUNDUP POWERMAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	POST	C					
5	LAUDIS	3.5	SC	0.082 lb ai/a	3	fl oz/a	POST	C					
5	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	POST	C					
5	USF0731	4.17	SC	0.163 lb ai/a	5	oz/a	ATGRST	D					
5	TEST COMPOUND 1	100	SL	1 pt/a	1	pt/a	ATGRST	D					

Bayer ProTech Plus in Corn.

Trial ID: 09-20A-W160

Location: Belleville Res. Center

										CERCZM	CERCZM	PUCCPY	PUCCPY
										ZEAMD	ZEAMD	ZEAMD	ZEAMD
										10-13-09	10-13-09	10-13-09	10-13-09
										Incidence	Severity	Incidence	Severity
										Percent	Percent	Percent	Percent
										EOS	EOS	EOS	EOS
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
6	MAXIM XL	2.683333	LS			0.631	oz/cwt	SEEDTRT	A	1 a	1.0 a	1 a	0.5 b
6	APRON XL	2.916667	ES			0.1659	oz/cwt	SEEDTRT	A				
6	DYNASTY	0.8288333	FS			0.584	oz/cwt	SEEDTRT	A				
6	CRUISER 5FS		5 FS					SEEDTRT	A				
6	PRO-IZED RED COLORANT		0 FS			1.138	oz/cwt	SEEDTRT	A				
6	L1463-B		0 AL			7.55	oz/cwt	SEEDTRT	A				
6	TALC	100	WP			3.786	oz/cwt	SEEDTRT	A				
6	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
6	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
6	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
6	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
6	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
6	QUILT	1.66	SC	0.182	lb ai/a	14	oz/a	ATGRST	D				
7	VORTEX FL	3.735	FS			0.324	oz/cwt	SEEDTRT	A	1 a	1.0 a	1 a	0.6 b
7	ALLEGIANCE FL	2.65	FS			0.365	oz/cwt	SEEDTRT	A				
7	TRILEX FLOWAB FUNGICIDE	2	FS			0.605	oz/cwt	SEEDTRT	A				
7	PONCHO FS		5 FS					SEEDTRT	A				
7	GB 126 240FS	2.060417	FS					SEEDTRT	A				
7	PRO-IZED PURPLE COLORAN		0 FS			1.899	oz/cwt	SEEDTRT	A				
7	L1463-B		0 AL			18.93	oz/cwt	SEEDTRT	A				
7	L1273-B	0.8333333	AL			2.264	oz/cwt	SEEDTRT	A				
7	TALC	100	WP			3.786	oz/cwt	SEEDTRT	A				
7	CORVUS	2.62	SC	0.115	lb ai/a	5.6	oz/a	PRE	B				
7	AATREX	4	SC	1.5	lb ai/a	3	pt/a	PRE	B				
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	POST	C				
7	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	POST	C				
7	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	POST	C				
7	USF0731	4.17	SC	0.163	lb ai/a	5	oz/a	ATGRST	D				
LSD (P=.05)										0.0	0.13	0.0	1.39
Replicate F										0.000	4.500	0.000	1.738
Replicate Prob(F)										1.0000	0.0035	1.0000	0.1563
Treatment F										0.000	1.000	0.000	2.037
Treatment Prob(F)										1.0000	0.4435	1.0000	0.0915

Means followed by same letter do not significantly differ (P=.05, LSD)

Trial Comments

1. Protocol: Bayer (M3C).
2. Ratings: Corn stand counts (2 rows by 17.5 ft) at 21-28 DAE, Corn vigor rating same day as stand counts on a 1 to 6 scale, (1 = highly superior to market standard, 6 = unacceptably inferior to market standard).
Assess foliar disease if there are noticable treatment differences.
Note insect or disease damage as incidence and/or severity if great enough to affect yield comparisons.
3. Yield - trim plots to 30 ft length for harvesting.
4. Mixing and spraying instruction; Applications B and C to be bulk sprayed 10 ft wide.
5. Plants 000/A = Thousands per acre. DAE = Days after crop emergence. EOS = End of season.
6. Plots were evaluated at 0 DAT with no observable disease.
CERCZM = Gray leaf spot of corn (Cercospora zeae-maydis).
PUCCPY = Southern rust of corn (Puccinia polysora).
7. Harvested 12-6-09, (2) 30 inch rows by 30 ft.