

Zidua Preplant in Soybean.

Trial ID: 11-DSO-ZiduaPreplant Location: De Soto, IL

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu
 City State Zip Country: De Soto IL 62924 USA
 Trial Status: FINAL Initiation Date: 5-17-11

Objectives: Evaluate glyphosate-resistant waterhemp control from Zidua compared with competitive standards.

Crop 1: GLXMA Soybean Variety: AG 4005 Description: RR
 Planting Method: SEEDS Planting Date: 5-20-11
 Rate, Unit: 75 LB/A Depth, Unit: 1.0 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W Code: AMATA Amaranthus rudis Sauer waterhemp, common
 Pest Description: glyphosate-resistant waterhemp
 Pest 2 Type: W Code: PANDI Panicum dichotomiflorum Michx. panicum, fall

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 30 FT Tillage Type: NO-TILL
 Replications: 3 Study Design: Randomized Complete Block

Prior Crops, Year
 1. ZEAMD 2010

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

% Sand: 15.4 % OM: 2.4 Texture: SILT LOAM
 % Silt: 64.7 pH: 6.1 Soil Name: OKAW
 % Clay: 19.9 CEC: 10.5 Fert. Level: P1 53 LB/A, K 352 LB/A

Application Description

	A	B
Application Date:	5-17-11	6-16-11
Time of Day:	12:00	9:00
Application Method:	Spray	Spray
Application Timing:	7-14EPP	3-4WAP
Application Placement:	BROFOL	BROFOL
Applied By:	JRK	MIA
Air Temperature, Unit:	68 F	80 F
% Relative Humidity:	43	49
Wind Velocity, Unit:	2 MPH	1 MPH
Wind Direction:	N	S
Dew Presence (Y/N):	N	N
Soil Temperature, Unit:	63 F	72 F
Soil Moisture:	ABONOR	NORMAL
% Cloud Cover:	2	0

	17-5-11	16-6-11
Crop stage at application:	NA	V2-V3
Height Min, Max (inch):	5	7

Pest Stage At Each Application

	5-17-11	6-16-11
Application Date:	5-17-11	6-16-11
Weed Code:	AMATA	AMATA
Stage Majority (leaves):	4	6
Stage Min, Max:	coty 6	coty 13
Height Majority:	1 IN	3 IN
Height Min, Max:	0.5 1.5	1 8
Density, Unit:	30 FT2	10 FT2
Weed Code:	PANDI	PANDI
Stage Majority (leaves):	3	NA
Stage Min, Max:	1	3
Height Majority:	4 IN	
Height Min, Max:	1	5
Density, Unit:	1	FT2

Application Equipment

	CO2 sprayer	CO2 sprayer
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Operating Pressure:	30 PSI	30 PSI
Nozzle Type:	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002
Boom Length, Unit:	6.67 FT	6.67 FT
Spray Volume, Unit:	15 GPA	15 GPA

Zidua Preplant in Soybean.

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Pest Code														
Crop Code														
Rating Date														
Rating Data Type														
Rating Unit														
Rating Timing														
Trt-Eval Interval													7 DAE	0 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code										
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A	15.8	a	53.9	a	46	bc	0	b	0	a
1	N-PAK AMS	100	SL		5 % v/v		5 % v/v	7-14EPP	A										
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B										
1	N-PAK AMS	100	SL		5 % v/v		5 % v/v	3-4WAP	B										
2	ZIDUA	85	WG	0.106	lb ai/a	2	oz/a	7-14EPP	A	15.2	ab	54.3	a	51	ab	0	b	0	a
2	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7-14EPP	A										
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A										
2	MSO	100	SL		1 % v/v		1 % v/v	7-14EPP	A										
2	N-PAK AMS	100	SL		5 % v/v		5 % v/v	7-14EPP	A										
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B										
2	N-PAK AMS	100	SL		5 % v/v		5 % v/v	3-4WAP	B										
3	ZIDUA	85	WG	0.133	lb ai/a	2.5	oz/a	7-14EPP	A	15.0	b	54.3	a	43	c	0	b	0	a
3	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7-14EPP	A										
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A										
3	MSO	100	SL		1 % v/v		1 % v/v	7-14EPP	A										
3	N-PAK AMS	100	SL		5 % v/v		5 % v/v	7-14EPP	A										
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B										
3	N-PAK AMS	100	SL		5 % v/v		5 % v/v	3-4WAP	B										
4	ZIDUA	85	WG	0.08	lb ai/a	1.5	oz/a	7-14EPP	A	15.1	b	54.3	a	51	ab	1	b	0	a
4	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7-14EPP	A										
4	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A										
4	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A										
4	N-PAK AMS	100	SL		5 % v/v		5 % v/v	7-14EPP	A										
4	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B										
4	N-PAK AMS	100	SL		5 % v/v		5 % v/v	3-4WAP	B										
5	ZIDUA	85	WG	0.08	lb ai/a	1.5	oz/a	7-14EPP	A	15.0	b	54.3	a	51	ab	1	b	0	a
5	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	7-14EPP	A										
5	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A										
5	MSO	100	SL		1 % v/v		1 % v/v	7-14EPP	A										
5	N-PAK AMS	100	SL		5 % v/v		5 % v/v	7-14EPP	A										
5	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B										
5	N-PAK AMS	100	SL		5 % v/v		5 % v/v	3-4WAP	B										
6	ZIDUA	85	WG	0.106	lb ai/a	2	oz/a	7-14EPP	A	15.0	b	54.3	a	53	a	2	b	0	a
6	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	7-14EPP	A										
6	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A										
6	MSO	100	SL		1 % v/v		1 % v/v	7-14EPP	A										
6	N-PAK AMS	100	SL		5 % v/v		5 % v/v	7-14EPP	A										
6	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B										
6	N-PAK AMS	100	SL		5 % v/v		5 % v/v	3-4WAP	B										
7	VALOR XLT	40.3	WG			3	oz/a	7-14EPP	A	15.2	ab	54.2	a	49	abc	8	a	0	a
7	VALOR SX	51	WG	0.056	lb ai/a			7-14EPP	A										
7	CLASSIC	25	WG	0.0194	lb ai/a			7-14EPP	A										
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A										
7	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A										
7	N-PAK AMS	100	SL		5 % v/v		5 % v/v	7-14EPP	A										
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B										
7	N-PAK AMS	100	SL		5 % v/v		5 % v/v	3-4WAP	B										
8	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	7-14EPP	A	15.4	ab	54.0	a	52	a	0	b	0	a
8	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A										
8	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A										
8	N-PAK AMS	100	SL		5 % v/v		5 % v/v	7-14EPP	A										
8	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B										
8	N-PAK AMS	100	SL		5 % v/v		5 % v/v	3-4WAP	B										

LSD (P=.05)		0.67	0.43	6.0	2.2	0.0
Replicate F		2.115	1.700	4.474	3.866	0.000
Replicate Prob(F)		0.1576	0.2182	0.0315	0.0461	1.0000
Treatment F		1.339	1.257	3.016	15.160	0.000
Treatment Prob(F)		0.3031	0.3378	0.0374	0.0001	1.0000

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

Zidua Preplant in Soybean.

Trial ID: 11-DSO-ZiduaPreplant Location: De Soto, IL

Pest Code		AMATA-HR														
Crop Code		AMATA-HR	AMATA-HR	AMATA-HR	AMATA-HR											
Rating Date		6-8-11	6-16-11	6-22-11	7-20-11											
Rating Data Type		Control	Control	Control	Control											
Rating Unit		Percent	Percent	Percent	Percent											
Rating Timing		14 DAE	0 DA-B	28 DAE	56 DAE											
Trt-Eval Interval																
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code							
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A	30	b	23	c			
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A			68	c			
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B							
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B							
2	ZIDUA	85	WG	0.106	lb ai/a	2	oz/a	7-14EPP	A	91	a	79	ab			
2	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7-14EPP	A			90	b			
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A			90	abc			
2	MSO	100	SL	1	% v/v	1	% v/v	7-14EPP	A							
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A							
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B							
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B							
3	ZIDUA	85	WG	0.133	lb ai/a	2.5	oz/a	7-14EPP	A	96	a	80	ab			
3	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7-14EPP	A			93	ab			
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A			93	ab			
3	MSO	100	SL	1	% v/v	1	% v/v	7-14EPP	A							
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A							
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B							
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B							
4	ZIDUA	85	WG	0.08	lb ai/a	1.5	oz/a	7-14EPP	A	96	a	83	ab			
4	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7-14EPP	A			95	a			
4	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A			95	a			
4	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A							
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A							
4	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B							
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B							
5	ZIDUA	85	WG	0.08	lb ai/a	1.5	oz/a	7-14EPP	A	93	a	76	b			
5	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	7-14EPP	A			89	b			
5	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A			89	b			
5	MSO	100	SL	1	% v/v	1	% v/v	7-14EPP	A							
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A							
5	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B							
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B							
6	ZIDUA	85	WG	0.106	lb ai/a	2	oz/a	7-14EPP	A	96	a	79	ab			
6	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	7-14EPP	A			93	ab			
6	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A			93	ab			
6	MSO	100	SL	1	% v/v	1	% v/v	7-14EPP	A							
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A							
6	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B							
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B							
7	VALOR XLT	40.3	WG			3	oz/a	7-14EPP	A	98	a	85	ab			
7	VALOR SX	51	WG	0.056	lb ai/a			7-14EPP	A			95	a			
7	CLASSIC	25	WG	0.0194	lb ai/a			7-14EPP	A			95	a			
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A			95	a			
7	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A							
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A							
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B							
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B							
8	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	7-14EPP	A	97	a	89	a			
8	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A			96	a			
8	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A							
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A							
8	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B							
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B							
LSD (P=.05)										6.7		11.0		4.3		11.3
Replicate F										0.617		0.221		3.379		1.056
Replicate Prob(F)										0.5537		0.8043		0.0635		0.3739
Treatment F										109.513		33.914		40.452		2.119
Treatment Prob(F)										0.0001		0.0001		0.0001		0.1098

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

Zidua Preplant in Soybean.

Trial ID: 11-DSO-ZiduaPreplant Location: De Soto, IL

Pest Code	PANDI	PANDI	PANDI	PANDI
Crop Code				
Rating Date	6-8-11	6-16-11	6-22-11	7-20-11
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing				
Trt-Eval Interval	14 DAE	0 DA-B	28 DAE	56 DAE

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A	86	c	70	b
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A				
1	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B				
1	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B				
2	ZIDUA	85	WG	0.106	lb ai/a	2	oz/a	7-14EPP	A	96	a	93	a
2	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7-14EPP	A				
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A				
2	MSO	100	SL	1	% v/v	1	% v/v	7-14EPP	A				
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A				
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B				
2	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B				
3	ZIDUA	85	WG	0.133	lb ai/a	2.5	oz/a	7-14EPP	A	95	a	88	a
3	SHARPEN	2.85	SC	0.0223	lb ai/a	1	fl oz/a	7-14EPP	A				
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A				
3	MSO	100	SL	1	% v/v	1	% v/v	7-14EPP	A				
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A				
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B				
3	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B				
4	ZIDUA	85	WG	0.08	lb ai/a	1.5	oz/a	7-14EPP	A	94	a	91	a
4	VALOR SX	51	WG	0.064	lb ai/a	2	oz/a	7-14EPP	A				
4	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A				
4	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A				
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A				
4	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B				
4	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B				
5	ZIDUA	85	WG	0.08	lb ai/a	1.5	oz/a	7-14EPP	A	96	a	90	a
5	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	7-14EPP	A				
5	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A				
5	MSO	100	SL	1	% v/v	1	% v/v	7-14EPP	A				
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A				
5	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B				
5	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B				
6	ZIDUA	85	WG	0.106	lb ai/a	2	oz/a	7-14EPP	A	96	a	93	a
6	VERDICT	5.57	EC	0.218	lb ai/a	5	fl oz/a	7-14EPP	A				
6	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A				
6	MSO	100	SL	1	% v/v	1	% v/v	7-14EPP	A				
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A				
6	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B				
6	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B				
7	VALOR XLT	40.3	WG			3	oz/a	7-14EPP	A	97	a	94	a
7	VALOR SX	51	WG	0.056	lb ai/a			7-14EPP	A				
7	CLASSIC	25	WG	0.0194	lb ai/a			7-14EPP	A				
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A				
7	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A				
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A				
7	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B				
7	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B				
8	AUTHORITY FIRST	70	WG	0.14	lb ai/a	3.2	oz/a	7-14EPP	A	90	b	87	a
8	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7-14EPP	A				
8	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7-14EPP	A				
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	7-14EPP	A				
8	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4WAP	B				
8	N-PAK AMS	100	SL	5	% v/v	5	% v/v	3-4WAP	B				

LSD (P=.05)

4.1 8.2 7.3 1.6

Replicate F

1.061 3.160 0.946 0.210

Replicate Prob(F)

0.3723 0.0737 0.4118 0.8135

Treatment F

8.894 8.223 3.749 1.917

Treatment Prob(F)

0.0003 0.0005 0.0169 0.1475

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

Zidua Preplant in Soybean.

Trial ID: 11-DSO-ZiduaPreplant Location: De Soto, IL

Trial Comments

1. Protocol: BASF.
2. Ratings: CI at 5-7 DAE; WC 2, 4, 8 WAE, and at B.
3. Yield, plan to destroy grain in some plots.
4. AMATA-HR = Herbicide-resistant waterhemp (glyphosate).
5. Blanket application of Roundup WeatherMax (22 floz/A) + 2,4-D LV4 (1 pt/A) + NPAK AMS (2.5 %v/v) was applied to all plots on 4-2-11.
6. Rainfall for the week prior to the 7-14EPP application was 1.1 inch.
Rainfall (weekly totals) following the 7-14EPP application for the the next six weeks were 1.29, 0.99, 0, 0.07, 2.47, and 4.4 inch.
7. Harvested 10-22-11, (2) 30 inch rows by 26.5 ft.