

Valent Corn Demonstration.

Trial ID: 10-KRC-ValentCorn Location: Kuehn Res. Center

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 City State Zip Country: Dowell IL 62927 USA
 Trial Status: FINAL Initiation Date: 05-16-10

Objectives: Demonstrate the residual activity of Valent herbicides
 in corn.

Crop 1: ZEAMD Dent corn Variety: P33T57 Description: LL/RR2
 Planting Method: SEEDED Planting Date: 06-04-10
 Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W Code: ERICA Conyza canadensis (L.) Crong. horseweed
 Pest 2 Type: W Code: AMATA Amaranthus rudis Sauer waterhemp, common

Plot Width, Unit: 40 FT Site Type: FIELD
 Plot Length, Unit: 350 FT Tillage Type: NO-TILL
 Replications: 1 Study Design: Randomized Complete Block

Prior Crops, Year
 1. GLXMA 2009

Field Prep./Maintenance: N 170 LB/A, P205 0 LB/A, K20 0 LB/A

Application Description A

Application Date: 05-16-10
 Time of Day: 18:30
 Application Method: Spray
 Application Timing: 7DBP
 Application Placement: BROFOL
 Applied By: BGY

05-16-10
 Crop stage at application: NA

Pest Stage At Each Application

Application Date: 05-16-10
 Weed Code: ERICA
 Weed Code: AMATA

Application Equipment

Appl. Equipment: CO2 sprayer
 Operating Pressure: 30 PSI
 Nozzle Type: Flat fan
 Nozzle Size: XRXI11002
 Boom Length, Unit: 20 FT
 Spray Volume, Unit: 14 GPA

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Pest Code		ERICA	AMATA
Crop Code		ZEAMD	
Rating Date		07-04-10	07-04-10
Rating Data Type		Injury	Control
Rating Unit		Percent	Percent
Rating Timing		30 DAP	30 DAP
Trt-Eval Interval		49 DA-A	49 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Rate 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	7DBP	A	0	90	70
1	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7DBP	A			
1	AMS	100	SG	2	% w/w	2	% w/w	7DBP	A			
2	FIERCE	76	WG	0.143	lb ai/a	3	oz/a	7DBP	A	0	98	98
2	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A			
2	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7DBP	A			
2	AMS	100	SG	2	% w/w	2	% w/w	7DBP	A			
3	BICEP II MAGNUM	5.5	SC	2.06	lb ai/a	1.5	qt/a	7DBP	A	0	98	98
3	ROUNDUP POWERMAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	7DBP	A			
3	2,4-D LV 4	3.8	EC	0.475	lb ae/a	1	pt/a	7DBP	A			
3	AMS	100	SG	2	% w/w	2	% w/w	7DBP	A			

LSD (P=.05)

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

Trial Comments

1. Protocol: Valent (Demo).
2. Ratings: CI/WC 42 DAT.
3. Yield to be decided following company tour at about 42 DAT.
4. Blanket POST to be decided following company tour at about 42 DAT.
5. DAP = Days after planting.