

Corrections for PSU Herbicide Field Trials 2001 Final Report

<u>STUDY</u>	<u>TITLE</u>	<u>PAGE</u>	<u>CORRECTION(S)/ADDITION(S)</u>
COMPNCN01	Competitive Herbicide Programs in Corn	1	Corn planting date: May-30-01 Variety: Pioneer 33J56
LVCN3N101	Pioneer vs. Roundup Ready Corn	13	Corn planting date & corn varieties: May-15-01; 34B23 Pioneer and DK5853
LVCN3N201	Axiom, USA 2001, Epic in Conventional Corn	20	Corn planting date & corn varieties: May-15-01; 34B23 Pioneer DK5823
LVCNJC101	Canada Thistle Control in Corn	24	Corn planting date & corn variety: May-30-01; Agway 657RR
LVCNK201	AV AEF Define in Corn	28	Corn planting date & corn variety: May-15-01; N58DLL
RSCNJ2A0201	Rate Response for Callisto	47	Ratings' averages for Treatment 5 Weed-SETLU (Aug-15-01)

Weed Code	POLCO	POLCO	SETLU	SETLU	SETLU	AMACH
Crop Code						
Rating Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%
Rating Date	Jul-16-01	Aug-15-01	Jul-07-01	Jul-16-01	Aug-15-01	Jul-16-01

5 CALLISTO (2X) 0.376 LB A/A PRE 86.333 a 85.000 ab 95.000 bc 94.000 abc 93.333 b 95.000 abc

RSCNNP30201	Balance Pro Burndown in No-Till Corn	72	Note for plot #405 misspray and ratings (Ratings' averages for Treatment 7)
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Weed Code	TAROF	TAROF	TAROF	PLAMA	PLAMA	PLAMA
Crop Code						
Rating Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%
Rating Date	Jun-12-01	Jun-26-01	Aug-28-01	Jun-12-01	Jun-26-01	Aug-28-01

7 BALANCE PRO 0.094 LB A/A PRE 85.000 ab 77.500 ab 76.000a 87.500 ab 90.000 ab .
 ATRAZINE 1 LB A/A PRE

COC	1	QT/A	PRE						
Weed Code				CHEAL	CHEAL	CHEAL	AMBEL	AMBEL	AMBEL
Crop Code									
Rating Data Type				CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit				%	%	%	%	%	%
Rating Date				Jun-12-01	Jun-26-01	Aug-28-01	Jun-12-01	Jun-26-01	Aug-28-01
7	BALANCE PRO	0.094	LB A/A PRE	100.000 a	100.000 a	100.000 a	100.000 a	100.000 a	100.000 a
	ATRAZINE	1	LB A/A PRE						
	COC	1	QT/A PRE						

Weed Code				POLPE	POLPE	POLPE	POLCO	POLCO	POLAV
Crop Code									
Rating Data Type				CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit				%	%	%	%	%	%
Rating Date				Jun-12-01	Jun-26-01	Aug-28-01	Jun-12-01	Jun-26-01	Jun-12-01
7	BALANCE PRO	0.094	LB A/A PRE	100.000 a	100.000 a	100.000 a	100.000 a	100.000 a	72.500 b
	ATRAZINE	1	LB A/A PRE						
	COC	1	QT/A PRE						

Weed Code				POLAV	SETLU	SETLU	CYPES	CYPES	
Crop Code									ZEAMX
Rating Data Type				CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	YIELD
Rating Unit				%	%	%	%	%	BU/AC
Rating Date				Jun-26-01	Jun-26-01	Aug-28-01	Jun-26-01	Aug-28-01	Nov-08-01
7	BALANCE PRO	0.094	LB A/A PRE	100.000 a	94.000 a	95.000 a	72.500 ab	60.000 b	140.2 ab
	ATRAZINE	1	LB A/A PRE						
	COC	1	QT/A PRE						

RSCNNP50401 Guardsman Max in Conventional-Till Corn 121 ZEAMX general phytotoxicity ratings (Jun-15-01)

Weed Code				AMBEL	CYPES	CYPES	CYPES	CYPES	
Crop Code									ZEAMX
Rating Data Type				CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit				%	%	%	%	%	%
Rating Date				Aug-03-01	Jun-15-01	Jun-28-01	Jul-09-01	Aug-03-01	Jun-15-01

1	UNTREATED				0.000	e		0.000	b	0.000	c	0.000	c	0.000	b	
2	GUARDSMAN MAX	2.19	LB A/A	PRE	50.000	bc	97.667	ab	87.333	a	88.333	ab	80.000	ab	0.000	b
3	GUARDSMAN MAX	2.5	LB A/A	PRE	61.667	abc	96.333	ab	89.000	a	82.333	b	85.000	ab	0.000	b
4	GUARDSMAN MAX	2.19	LB A/A	PRE	53.333	bc	96.000	b	91.333	a	83.333	ab	73.333	b	6.667	a
	PROWL	1	LB A/A	PRE												
5	GUARDSMAN MAX	2.5	LB A/A	PRE	71.667	ab	97.667	ab	90.667	a	85.667	ab	73.333	b	1.667	ab
	PROWL	1	LB A/A	PRE												
6	GUARDSMAN MAX	2.19	LB A/A	PRE	87.333	a	97.667	ab	93.000	a	90.000	ab	86.667	a	0.000	b
	DISTINCT	0.175	LB A/A	POST												
	NIS	0.25	% V/V	POST												
	AMS	17	LB/100 GAL	POST												
7	OUTLOOK	0.75	LB A/A	PRE	40.000	cd	97.667	ab	89.000	a	88.000	ab	83.333	ab	5.000	ab
	PROWL	1	LB A/A	PRE												
8	OUTLOOK	0.75	LB A/A	PRE	86.667	a	97.667	ab	92.333	a	91.667	a	81.667	ab	1.667	ab
	DISTINCT	0.175	LB A/A	POST												
	NIS	0.25	% V/V	POST												
	AMS	17	LB/100 GAL	POST												
9	BICEP II MAGNUM	2.2	LB A/A	PRE	20.000	de	95.000	b	90.667	a	90.000	ab	76.667	ab	0.000	ab
10	FULTIME	3	LB A/A	PRE	50.000	bc	99.000	a	90.667	a	82.333	b	76.667	ab	0.000	b

LSD (P=.05)	28.5454	2.9326	5.9946	9.1127	11.8919	5.4248
Standard Deviation	16.6401	1.6942	3.4944	5.3121	6.9322	3.1623
CV	31.96	1.74	4.29	6.8	9.67	210.82
Bartlett's X2	18.707	2.839	10.794	9.711	3.14	4.136
P(Bartlett's X2)	0.009*	0.829	0.214	0.137	0.925	0.247
Replicate F	1.797	12.555	5.904	0.568	2.098	1.000
Replicate Prob(F)	0.1943	0.0005	0.0107	0.5764	0.1517	0.3874
Treatment F	8.201	1.484	201.649	81.389	40.925	1.750
Treatment Prob(F)	0.0001	0.2384	0.0001	0.0001	0.0001	0.1492

RSCNV90101 Perennial Grass Control in LL Corn 163 Corn planting date: May-17-01

LVSY3N101 Spring Burndown Protocol for Soybeans 167 Soybean planting date: May-14-01

LVSYF101	Dandelion Burndown in Soybeans	190	Soybean planting date: May-11-01 & POST application information
		A	B
	Application Date:	May-11-01	Jun-27-01
	Time of Day:	11:00 AM	9:00 AM
	Application Method:	HANDHELD	HANDHELD
	Application Timing:	PP	POST
	Applic. Placement:	BROSOI	BROFOL
	Air Temp., Unit:	94 F	86 F
	% Relative Humidity:	40	80
	Wind Velocity, Unit:	0 MPH	0 MPH
	Dew Presence (Y/N):	N	N
	Soil Temp., Unit:	78 F	70 F
	Soil Moisture:	DRY	DRY
	% Cloud Cover:	0	0
LVSYL101	Bayer Herbicide Programs in Soybeans	197	Soybean planting date: May-11-01
RSSYJ2B0201	Roundup Ready Soybean Weed Control Systems	212	Soybean variety: CX303RR
LVRRCN01	RRIPM Study—Lancaster County	257	Corn variety: DK551RR
RSWH0100	Annual Ryegrass Control In Wheat	342	Wheat variety: Pioneer 2552
RSWH0200	AE F Compound Trial in Wheat	347	Wheat planting date & wheat variety: Oct-13-00; Pioneer 2552