

University of Georgia

BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3	Rep 4
1	NTC									-	101	203	312	404
2	SONALAN	3 EC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1474.7 mL	102	212	306	407
	STRONGARM	84 WG		0.45 oz/a		PRE	A	15 GPA	0.337 g/mx					
	CADRE	2 AS		4.0 oz/a		POST1	C	15 GAL/AC	3.125 mL/mx	1462.1 mL				
	2,4-DB	2 SL		16.0 oz/a		POST1	C	15 GAL/AC	12.5 mL/mx					
	COBRA	2 EC		12.5 oz/a		POST1	C	15 GAL/AC	9.766 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST1	C	15 GAL/AC	12.5 mL/mx					
3	SONALAN	3 EC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1474.7 mL	103	208	305	406
	DICLOM	84 WG		0.45 oz/a		PRE	A	15 GPA	0.337 g/mx					
	CADRE	2 AS		4.0 oz/a		POST1	C	15 GAL/AC	3.125 mL/mx	1462.1 mL				
	2,4-DB	2 SL		16.0 oz/a		POST1	C	15 GAL/AC	12.5 mL/mx					
	COBRA	2 EC		12.5 oz/a		POST1	C	15 GAL/AC	9.766 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST1	C	15 GAL/AC	12.5 mL/mx					
4	GRAMOXONE	2 SL		12.0 oz/a		EPOST	B	15 GAL/AC	9.375 mL/mx	1471.9 mL	104	206	309	411
	BROADLOOM	4 SL		8.0 oz/a		EPOST	B	15 GAL/AC	6.25 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST	B	15 GAL/AC	12.5 mL/mx	1462.1 mL				
	CADRE	2 AS		4.0 oz/a		POST2	D	15 GAL/AC	3.125 mL/mx					
	2,4-DB	2 SL		16.0 oz/a		POST2	D	15 GAL/AC	12.5 mL/mx					
	COBRA	2 EC		12.5 oz/a		POST2	D	15 GAL/AC	9.766 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST2	D	15 GAL/AC	12.5 mL/mx					
5	GRAMOXONE	2 SL		12.0 oz/a		EPOST	B	15 GAL/AC	9.375 mL/mx	1471.9 mL	105	211	302	412
	BASTANTE	4 SL		8.0 oz/a		EPOST	B	15 GAL/AC	6.25 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		EPOST	B	15 GAL/AC	12.5 mL/mx	1462.1 mL				
	CADRE	2 AS		4.0 oz/a		POST2	D	15 GAL/AC	3.125 mL/mx					
	2,4-DB	2 SL		16.0 oz/a		POST2	D	15 GAL/AC	12.5 mL/mx					
	COBRA	2 EC		12.5 oz/a		POST2	D	15 GAL/AC	9.766 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST2	D	15 GAL/AC	12.5 mL/mx					
6	SONALAN	3 EC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1475 mL	106	209	301	408
	STRONGARM	84 WG		0.30 oz/a		POST1	C	15 GAL/AC	0.2247 g/mx	1473.8 mL				
	2,4-DB	2 SL		16.0 oz/a		POST1	C	15 GAL/AC	12.5 mL/mx					
	COBRA	2 EC		12.5 oz/a		POST1	C	15 GAL/AC	9.766 mL/mx					
	INDUCE			0.25 % v/v		POST1	C	15 GAL/AC	3.75 mL/mx					
7	SONALAN	3 EC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1475 mL	107	205	307	402
	DICLOM	84 WG		0.30 oz/a		POST1	C	15 GAL/AC	0.2247 g/mx	1473.8 mL				
	2,4-DB	2 SL		16.0 oz/a		POST1	C	15 GAL/AC	12.5 mL/mx					
	COBRA	2 EC		12.5 oz/a		POST1	C	15 GAL/AC	9.766 mL/mx					
	INDUCE			0.25 % v/v		POST1	C	15 GAL/AC	3.75 mL/mx					
8	SONALAN	3 EC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	108	201	304	403
	VALOR EZ	4 SC		3.0 oz/a		PRE	A	15 GPA	2.344 mL/mx					
	STRONGARM	84 WG		0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx	1462.1 mL				
	CADRE	2 AS		4.0 oz/a		POST2	D	15 GAL/AC	3.125 mL/mx					
	2,4-DB	2 SL		16.0 oz/a		POST2	D	15 GAL/AC	12.5 mL/mx					
	COBRA	2 EC		12.5 oz/a		POST2	D	15 GAL/AC	9.766 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST2	D	15 GAL/AC	12.5 mL/mx					
9	SONALAN	3 EC		32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	109	204	311	405
	VALOR EZ	4 SC		3.0 oz/a		PRE	A	15 GPA	2.344 mL/mx					
	DICLOM	84 WG		0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx	1462.1 mL				
	CADRE	2 AS		4.0 oz/a		POST2	D	15 GAL/AC	3.125 mL/mx					
	2,4-DB	2 SL		16.0 oz/a		POST2	D	15 GAL/AC	12.5 mL/mx					
	COBRA	2 EC		12.5 oz/a		POST2	D	15 GAL/AC	9.766 mL/mx					
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST2	D	15 GAL/AC	12.5 mL/mx					

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep			
											1	2	3	4
10	SONALAN	3	EC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1465.5 mL	110	207	310	409
	BRAKE	1.2	SL	12.0	oz/a	PRE	A	15 GPA	9.375 mL/mx					
	STRONGARM	84	WG	0.225	oz/a	PRE	A	15 GPA	0.1685 g/mx					
	CADRE	2	AS	4.0	oz/a	POST1	C	15 GAL/AC	3.125 mL/mx					
	2,4-DB	2	SL	16.0	oz/a	POST1	C	15 GAL/AC	12.5 mL/mx					
	COBRA	2	EC	12.5	oz/a	POST1	C	15 GAL/AC	9.766 mL/mx					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	C	15 GAL/AC	12.5 mL/mx					
11	SONALAN	3	EC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1465.5 mL	111	210	308	401
	BRAKE	1.2	SL	12.0	oz/a	PRE	A	15 GPA	9.375 mL/mx					
	DICLOM	84	WG	0.225	oz/a	PRE	A	15 GPA	0.1685 g/mx					
	CADRE	2	AS	4.0	oz/a	POST1	C	15 GAL/AC	3.125 mL/mx					
	2,4-DB	2	SL	16.0	oz/a	POST1	C	15 GAL/AC	12.5 mL/mx					
	COBRA	2	EC	12.5	oz/a	POST1	C	15 GAL/AC	9.766 mL/mx					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	C	15 GAL/AC	12.5 mL/mx					
12	NTC								-	112	202	303	410	

Sort Order: Replicate 1

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
Location: PONDER FARM Investigator: Eric P. Prostko

Trial Comments

DIGGING DATE: 09/20/23 (142 DAP)
HARVEST DATE: 09/25//23
HARVEST MOISTURE: 10.0%
YIELDS ADJUSTED TO 10%.
2% YIELD DEDUCTION FOR FM

MISSING YIELD DATA DUE TO COMBINE PROBLEMS.

FIRST RAINFALL/IRRIGATION EVENT DID NOT OCCUR UNTIL 9 DAP DUE TO IRRIGATION PUMP PROBLEMS.

SUMMARY:

- 1) PRE TREATMENTS OF SONALAN + STRONGARM OR DICLOM PROVIDED POOR CONTROL OF PALMER AMARANTH (49-59% CONTROL). PRE APPLIED SONALAN + BRAKE + STRONGARM OR DICLOM PROVIDED FAIR CONTROL CONTROL OF PALMER AMARANTH (70-75% CONTROL). REDUCED CONTROL OF PALMER AMARANTH WITH THESE TREATMENTS WAS DUE TO ALS-RESISTANCE AND MOISTURE ACTIVATION ISSUES. BECAUSE OF THESE ISSUES, POST1 TREATMENTS WERE APPLIED EARLIER THAN PLANNED AND INCLUDED THE ADDITION OF COBRA TO THE STANDARM CADRE+ 2,4-DB + DUAL MAGNUM STANDARD.
- 2) THE ADDITION OF VALOR TO SONALAN + SRONGARM OR DICLOM IMPROVED PALMER AMARANTH CONTROL BUT ALSO INCREASED PEANUT INJURY.
- 2) GENERALLY, NO DIFFERENCES IN PEANUT INJURY, WEED CONTROL (PALMER AMARANTH, WILD RADISH, ANNUAL GRASSES) OR YIELD WERE OBSERVED BETWEEN SIMILAR TREATMENTS OF STRONGARM/DICLOM AND BROADLOOM/BASTANTE.
- 3) LESS ANNUAL GRASS CONTROL WAS OBSERVED WITH SONALAN + DICLOM OR STRONGARM FB 2,4-DB + COBRA (POST1).

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: JASON BROCK Title: _____
 Affiliation: _____
 Postal Code: _____

Investigator: Eric P. Prostko Title: _____
 Affiliation: _____
 Postal Code: _____

TRIAL LOCATION

City: _____ Trial Status: E
 State/Prov.: _____ Trial Reliability: _____
 Postal Code: _____ Initiation Date: _____
 Country: _____ Planned Completion Date: _____
 E-Longitude of LL Corner °: _____ N-Latitude of LL Corner °: _____
 Altitude of LL Corner: _____ Unit: _____ Angle y-axis to North °: _____
 Directions: _____

COOPERATOR/LANDOWNER

Cooperator: _____ Country: _____
 Org: _____ Phone No: _____
 Address 1: _____ Fax No: _____
 Address 2: _____
 City: _____
 State/Prov: _____
 Postal Code: _____

Conducted Under GLP (Y/N): N Conducted Under GEP (Y/N): N
 Guidelines: _____ Guideline Description: _____

Objective: _____

Conclusions: _____

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	AMAPA	PA	LMER AMARANTH
2.	RAPRA	WI	LD RADISH
3.	AGRASS	TX	. PAN/CROW/GOOSE/CRAB

Crop 1: ARAHY PEANUT Variety: GA-06G
 Planting Date: May-2-23 Planting Method: MONOSEM TWIN ROW
 Rate: 4 SEED/FT Depth: 2 IN Perennial Age: _____
 Row Spacing: _____ Spacing Within Row: _____ Seed Bed: _____
 Soil Temperature: _____ Soil Moisture: OPTIMUM Emergence Date: _____

SITE AND DESIGN

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 4
 Site Type: _____
 Tillage Type: CONVENTIONAL Study Design: RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	CORN		2022

MAINTENANCE

Field Prep./Maintenance: 300 LBS/A 15-15-30 - PREPLANT
 1 TON/A LIME - PREPLANT
 36"-9" TWIN ROWS
 THIMET 20G INFR @ 7 LBS/A
 1500 LBS/A GYPSUM - JUNE 5

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.							

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
 Location: PONDER FARM Investigator: Eric P. Prostko

SOIL DESCRIPTION

% Sand: 96 % OM: 0.82 Texture: SAND
 % Silt: 2 pH: 6.0 Soil Name: TIFTON
 % Clay: 2 CEC: 2.9 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-11-23		0.5	IN	SPRINKLER - LATERAL MOVE	9	DAP
2.	May-12-23		2.5	IN	RAINFALL		
3.	May-20-23		0.1	IN	RAINFALL		
4.	May-22-23		0.75	IN	RAINFALL		
5.	May-23-23		0.3	IN	RAINFALL		
6.	Jun-1-23		0.3	IN	SPRINKLER - LATERAL MOVE		
7.	Jun-7-23		0.5	IN	SPRINKLER - LATERAL MOVE		
8.	Jun-7-23		0.5	IN	RAINFALL		
9.	Jun-12-23		0.67	IN	RAINFALL		
10.	Jun-13-23		0.6	IN	RAINFALL		
11.	Jun-14-23		2	IN	RAINFALL		
12.	Jun-15-23		2.2	IN	RAINFALL		

Overall Moisture Conditions: _____
 Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A	B	C	D
Application Date:	May-3-23	May-16-23	May-25-23	May-31-23
Time of Day:	6:30 AM	6:40 AM	7:28 AM	6:17 AM
Application Method:	BACKPACK	BACKPACK	BACKPACK	BACKPACK
Application Timing:	PRE	EPOST	POST1	POST2
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	FOLIAGE
Air Temp., Unit:	51 F	69 F	59 F	68 F
% Relative Humidity:	72	96	84	98
Wind Velocity, Unit:	0 MPH	3 MPH	1 MPH	1 MPH
Dew Presence (Y/N):	N	Y	Y	Y
Water Hardness:	--	--	--	--
Soil Temp., Unit:	61 F	76 F	66 F	74 F
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM	OPTIMUM
% Cloud Cover:	5	100	0	100

CROP STAGE AT EACH APPLICATION

	A	B	C	D
Crop 1 Code, Stage:	ARAHY,	ARAHY,	ARAHY,	ARAHY,
Stage Scale:		V4	V6	V6
Height, Unit:		4, IN	5, IN	5, IN

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Trial ID: PE-11-23 Study Dir.: JASON BROCK
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WEED STAGE AT EACH APPLICATION				
	A	B	C	D
Weed 1 Code, Stage:	AMAPA,	AMAPA,	AMAPA,	AMAPA,
Stage Scale:		1-2"	0.5-7"	2-3"
Density, Unit:				
Weed 2 Code, Stage:	RAPRA,	RAPRA,	RAPRA,	RAPRA,
Stage Scale:		0.5-1"	1-2"	2-3"
Density, Unit:				
Weed 3 Code, Stage:	AGRAS,	AGRAS,	AGRAS,	AGRAS,
Stage Scale:		0.5-1"	1-3"	1-2"
Density, Unit:				

APPLICATION EQUIPMENT				
	A	B	C	D
Appl. Equipment:	BACKPACK	SAME	SAME	SAME
Operating Pressure:	35			
Nozzle Type:	AIXR			
Nozzle Size:	11002			
Nozzle Spacing, Unit:	20 IN			
Nozzles/Row:				
Band Width, Unit:				
Boom Length, Unit:	60 IN			
Boom Height, Unit:	20 IN			
Ground Speed, Unit:	3.5 MPH			
Incorporation Equip.:				
Hours to Incorp.:				
Incorp. Depth, Unit:				
Carrier:				
Spray Volume, Unit:	15 GPA			
Spray pH:				
Propellant:	CO2			
Tank Mix (Y/N):				

Trt No	Treatment Application Comment

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT									
Trial ID:	PE-11-23	Study Dir.:	JASON BROCK						
Location:	PONDER FARM	Investigator:	Eric P. Prostko						

Weed Code					----	----	Amapa	---	---	---	Amapa	Rapra	Agrass		
Crop Code					Arahy	Arahy	---	Arahy	Arahy	Arahy	---	---	---		
Rating Data Type					STUNTING	BLEACHING	Control	Stunting	Chlorosis	Necrosis	Control	Control	Control		
Rating Unit					%	%		%	%	%	%	%	%		
Rating Date					May-16-23	May-16-23	May-16-23	May-23-23	May-23-23	May-23-23	May-23-23	May-23-23	May-23-23		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code	1	2	3	4	5	6	7	8	9
1	NTC						0.0 d	0.0 b	0.0 d	0.0 d	0.0 c	0.0 c	0.0 e	0.0 d	0.0 d
2	SONALAN	3 EC		32.0 oz/a	PRE	A	3.8 cd	0.0 b	60.0 c	0.0 d	0.0 c	0.0 c	58.8 c	96.0 ab	91.0 b
	STRONGARM	84 WG		0.45 oz/a	PRE	A									
	CADRE	2 AS		4.0 oz/a	POST1	C									
	2,4-DB	2 SL		16.0 oz/a	POST1	C									
	COBRA	2 EC		12.5 oz/a	POST1	C									
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C									
3	SONALAN	3 EC		32.0 oz/a	PRE	A	1.3 d	0.0 b	56.3 c	2.5 cd	0.0 c	0.0 c	62.5 c	99.0 a	97.0 ab
	DICLOM	84 WG		0.45 oz/a	PRE	A									
	CADRE	2 AS		4.0 oz/a	POST1	C									
	2,4-DB	2 SL		16.0 oz/a	POST1	C									
	COBRA	2 EC		12.5 oz/a	POST1	C									
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C									
4	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B	2.5 cd	0.0 b	0.0 d	10.0 ab	10.0 ab	15.0 a	96.0 a	88.5 bc	97.0 ab
	BROADLOOM	4 SL		8.0 oz/a	EPOST	B									
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B									
	CADRE	2 AS		4.0 oz/a	POST2	D									
	2,4-DB	2 SL		16.0 oz/a	POST2	D									
	COBRA	2 EC		12.5 oz/a	POST2	D									
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D									
5	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B	0.0 d	0.0 b	0.0 d	10.0 ab	10.0 ab	15.0 a	98.0 a	93.8 ab	98.0 a
	BASTANTE	4 SL		8.0 oz/a	EPOST	B									
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B									
	CADRE	2 AS		4.0 oz/a	POST2	D									
	2,4-DB	2 SL		16.0 oz/a	POST2	D									
	COBRA	2 EC		12.5 oz/a	POST2	D									
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D									
6	SONALAN	3 EC		32.0 oz/a	PRE	A	0.0 d	0.0 b	48.8 c	0.0 d	0.0 c	0.0 c	50.0 d	84.8 c	81.3 c
	STRONGARM	84 WG		0.30 oz/a	POST1	C									
	2,4-DB	2 SL		16.0 oz/a	POST1	C									
	COBRA	2 EC		12.5 oz/a	POST1	C									
	INDUCE			0.25 % v/v	POST1	C									
7	SONALAN	3 EC		32.0 oz/a	PRE	A	2.5 cd	0.0 b	53.8 c	2.5 cd	0.0 c	0.0 c	58.8 c	85.0 c	93.5 ab
	DICLOM	84 WG		0.30 oz/a	POST1	C									
	2,4-DB	2 SL		16.0 oz/a	POST1	C									
	COBRA	2 EC		12.5 oz/a	POST1	C									
	INDUCE			0.25 % v/v	POST1	C									
8	SONALAN	3 EC		32.0 oz/a	PRE	A	26.3 a	0.0 b	99.0 a	12.5 a	0.0 c	1.3 b	98.0 a	98.0 a	98.0 a
	VALOR EZ	4 SC		3.0 oz/a	PRE	A									
	STRONGARM	84 WG		0.225 oz/a	PRE	A									
	CADRE	2 AS		4.0 oz/a	POST2	D									
	2,4-DB	2 SL		16.0 oz/a	POST2	D									
	COBRA	2 EC		12.5 oz/a	POST2	D									
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D									
9	SONALAN	3 EC		32.0 oz/a	PRE	A	28.8 a	0.0 b	99.0 a	13.8 a	0.0 c	1.3 b	99.0 a	99.0 a	99.0 a
	VALOR EZ	4 SC		3.0 oz/a	PRE	A									
	DICLOM	84 WG		0.225 oz/a	PRE	A									
	CADRE	2 AS		4.0 oz/a	POST2	D									
	2,4-DB	2 SL		16.0 oz/a	POST2	D									
	COBRA	2 EC		12.5 oz/a	POST2	D									
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D									

Means followed by same letter or symbol do not significantly differ (P=, 10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=22,23,24
 Could not calculate LSD (% mean diff) for columns 14,18 because error mean square = 0.
 ^Calculated from residual.

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Location: PONDER FARM		Investigator: Eric P. Prostko														
Weed Code					----	----	Amapa	---	---	---	Amapa	Rapra	Agrass			
Crop Code					Arahy	Arahy	---	Arahy	Arahy	Arahy	---	---	---			
Rating Data Type					STUNTING	BLEACHING	Control	Stunting	Chlorosis	Necrosis	Control	Control	Control			
Rating Unit					%	%	%	%	%	%	%	%	%			
Rating Date					May-16-23	May-16-23	May-16-23	May-23-23	May-23-23	May-23-23	May-23-23	May-23-23	May-23-23			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	1	2	3	4	5	6	7	8	9
10	SONALAN	3 EC		32.0 oz/a	PRE	A		8.8 b	11.3 a	75.0 b	6.3 bc	11.3 a	0.0 c	73.8 b	97.0 ab	91.0 b
	BRAKE	1.2 SL		12.0 oz/a	PRE	A										
	STRONGARM	84 WG		0.225 oz/a	PRE	A										
	CADRE	2 AS		4.0 oz/a	POST1	C										
	2,4-DB	2 SL		16.0 oz/a	POST1	C										
	COBRA	2 EC		12.5 oz/a	POST1	C										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C										
11	SONALAN	3 EC		32.0 oz/a	PRE	A		6.3 bc	11.3 a	75.0 b	5.0 c	8.8 b	0.0 c	70.0 b	98.0 a	98.0 a
	BRAKE	1.2 SL		12.0 oz/a	PRE	A										
	DICLOM	84 WG		0.225 oz/a	PRE	A										
	CADRE	2 AS		4.0 oz/a	POST1	C										
	2,4-DB	2 SL		16.0 oz/a	POST1	C										
	COBRA	2 EC		12.5 oz/a	POST1	C										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C										
12	NTC							0.0 d	0.0 b	0.0 d	0.0 d	0.0 c	0.0 c	0.0 e	0.0 d	0.0 d
LSD P=.10								3.80	1.83	14.48	3.77	1.28	1.16	6.77	8.59	6.23
Standard Deviation								3.18	1.53	12.10	3.15	1.07	0.97	5.66	7.18	5.21
CV								47.67	81.51	25.63	60.45	31.98	35.93	8.88	9.17	6.62
Grand Mean								6.67	1.88	47.23	5.21	3.33	2.71	63.73	78.25	78.65

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=22,23,24
 Could not calculate LSD (% mean diff) for columns 14,18 because error mean square = 0.
 ^Calculated from residual.

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT			
Trial ID:	PE-11-23	Study Dir.:	JASON BROCK
Location:	PONDER FARM	Investigator:	Eric P. Prostko

					---	---	---	Amapa	Rapra	Agrass	----	Amapa	Rapra	Agrass		
					Arahy	Arahy	Arahy	---	---	---	Arahy	---	---	---		
					Stunting	Necrosis	Bleaching	Control	Control	Control	Stunting	Control	Control	Control		
					%	%	%	%	%	%	%	%	%	%		
					Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-28-23	Jun-28-23	Jun-28-23	Jun-28-23		
Trt	Treatment	Form	Form	Rate	Grow	Appl	10	11	12	13	14	15	16	17	18	19
No.	Name	Conc	Type	Rate	Stg	Code										
1	NTC						0.0 c	0.0 d	0.0 b	0.0 d	0.0 b	0.0 e	0.0 d	0.0 d	0.0 b	0.0 d
2	SONALAN	3 EC		32.0 oz/a	PRE	A	2.5 bc	7.5 bc	1.3 b	98.0 b	99.0 a	99.0 a	2.5 cd	99.0 a	99.0 a	99.0 a
	STRONGARM	84 WG		0.45 oz/a	PRE	A										
	CADRE	2 AS		4.0 oz/a	POST1	C										
	2,4-DB	2 SL		16.0 oz/a	POST1	C										
	COBRA	2 EC		12.5 oz/a	POST1	C										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C										
3	SONALAN	3 EC		32.0 oz/a	PRE	A	3.8 bc	8.8 b	0.0 b	99.0 a	99.0 a	98.0 ab	5.0 bc	98.0 ab	99.0 a	99.0 a
	DICLOM	84 WG		0.45 oz/a	PRE	A										
	CADRE	2 AS		4.0 oz/a	POST1	C										
	2,4-DB	2 SL		16.0 oz/a	POST1	C										
	COBRA	2 EC		12.5 oz/a	POST1	C										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C										
4	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B	12.5 a	21.3 a	0.0 b	99.0 a	99.0 a	99.0 a	15.0 a	99.0 a	99.0 a	99.0 a
	BROADLOOM	4 SL		8.0 oz/a	EPOST	B										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B										
	CADRE	2 AS		4.0 oz/a	POST2	D										
	2,4-DB	2 SL		16.0 oz/a	POST2	D										
	COBRA	2 EC		12.5 oz/a	POST2	D										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D										
5	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B	11.3 a	21.3 a	0.0 b	99.0 a	99.0 a	99.0 a	13.8 a	99.0 a	99.0 a	99.0 a
	BASTANTE	4 SL		8.0 oz/a	EPOST	B										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B										
	CADRE	2 AS		4.0 oz/a	POST2	D										
	2,4-DB	2 SL		16.0 oz/a	POST2	D										
	COBRA	2 EC		12.5 oz/a	POST2	D										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D										
6	SONALAN	3 EC		32.0 oz/a	PRE	A	0.0 c	6.3 bc	1.3 b	95.0 c	99.0 a	87.5 d	0.0 d	97.0 bc	99.0 a	52.5 c
	STRONGARM	84 WG		0.30 oz/a	POST1	C										
	2,4-DB	2 SL		16.0 oz/a	POST1	C										
	COBRA	2 EC		12.5 oz/a	POST1	C										
	INDUCE			0.25 % v/v	POST1	C										
7	SONALAN	3 EC		32.0 oz/a	PRE	A	0.0 c	5.0 c	0.0 b	98.0 b	99.0 a	91.3 c	0.0 d	96.0 c	99.0 a	66.3 b
	DICLOM	84 WG		0.30 oz/a	POST1	C										
	2,4-DB	2 SL		16.0 oz/a	POST1	C										
	COBRA	2 EC		12.5 oz/a	POST1	C										
	INDUCE			0.25 % v/v	POST1	C										
8	SONALAN	3 EC		32.0 oz/a	PRE	A	13.8 a	23.8 a	0.0 b	99.0 a	99.0 a	98.0 ab	13.8 a	99.0 a	99.0 a	99.0 a
	VALOR EZ	4 SC		3.0 oz/a	PRE	A										
	STRONGARM	84 WG		0.225 oz/a	PRE	A										
	CADRE	2 AS		4.0 oz/a	POST2	D										
	2,4-DB	2 SL		16.0 oz/a	POST2	D										
	COBRA	2 EC		12.5 oz/a	POST2	D										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D										
9	SONALAN	3 EC		32.0 oz/a	PRE	A	11.3 a	21.3 a	0.0 b	99.0 a	99.0 a	98.0 ab	16.3 a	99.0 a	99.0 a	99.0 a
	VALOR EZ	4 SC		3.0 oz/a	PRE	A										
	DICLOM	84 WG		0.225 oz/a	PRE	A										
	CADRE	2 AS		4.0 oz/a	POST2	D										
	2,4-DB	2 SL		16.0 oz/a	POST2	D										
	COBRA	2 EC		12.5 oz/a	POST2	D										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D										

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
 Location: PONDER FARM Investigator: Eric P. Prostko

						---	---	---	Amapa	Rapra	Agrass	----	Amapa	Rapra	Agrass
						Arahy	Arahy	Arahy	---	---	---	Arahy	---	---	---
						Stunting	Necrosis	Bleaching	Control	Control	Control	Stunting	Control	Control	Control
						%	%	%	%	%	%	%	%	%	%
						Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-28-23	Jun-28-23	Jun-28-23	Jun-28-23
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	10	11	12	13	14	15	16	17	18	19
10	SONALAN	3 EC		32.0 oz/a	PRE A	5.0 b	7.5 bc	5.0 a	99.0 a	99.0 a	95.5 b	7.5 b	98.0 ab	99.0 a	99.0 a
	BRAKE	1.2 SL		12.0 oz/a	PRE A										
	STRONGARM	84 WG		0.225 oz/a	PRE A										
	CADRE	2 AS		4.0 oz/a	POST1 C										
	2,4-DB	2 SL		16.0 oz/a	POST1 C										
	COBRA	2 EC		12.5 oz/a	POST1 C										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1 C										
11	SONALAN	3 EC		32.0 oz/a	PRE A	6.3 b	6.3 bc	5.0 a	99.0 a	99.0 a	99.0 a	7.5 b	99.0 a	99.0 a	99.0 a
	BRAKE	1.2 SL		12.0 oz/a	PRE A										
	DICLOM	84 WG		0.225 oz/a	PRE A										
	CADRE	2 AS		4.0 oz/a	POST1 C										
	2,4-DB	2 SL		16.0 oz/a	POST1 C										
	COBRA	2 EC		12.5 oz/a	POST1 C										
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1 C										
12	NTC					0.0 c	0.0 d	0.0 b	0.0 d	0.0 b	0.0 e	0.0 d	0.0 d	0.0 b	0.0 d
	LSD P=.10					3.78	3.24	1.88	0.93	.	3.14	3.30	1.45	.	4.06
	Standard Deviation					3.16	2.71	1.57	0.78	0.00	2.62	2.76	1.21	0.00	3.39
	CV					57.25	25.25	150.64	0.95	0.0	3.27	40.69	1.48	0.0	4.47
	Grand Mean					5.52	10.73	1.04	82.00	82.50	80.35	6.77	81.92	82.50	75.90

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT				
Trial ID:	PE-11-23	Study Dir.:	JASON BROCK	
Location:	PONDER FARM	Investigator:	Eric P. Prostko	

					Amapa	Agrass	-----	-----	-----		
					Control	Control	ARAHY	ARAHY	ARAHY		
					%	%	YIELD	YIELD	YIELD		
					Jul-24-23	Jul-24-23	LBS/PLOT	LBS/PLOT	LBS/A		
					20	21	22	23	24		
Rating Unit	Rating Date	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code					
1	NTC						0.0 e	0.0 d	0.00 c	0.0 c	0 c
2	SONALAN	3 EC		32.0 oz/a	PRE	A	98.0 ab	98.0 a	19.43 b	19.0 b	5528 b
	STRONGARM	84 WG		0.45 oz/a	PRE	A					
	CADRE	2 AS		4.0 oz/a	POST1	C					
	2,4-DB	2 SL		16.0 oz/a	POST1	C					
	COBRA	2 EC		12.5 oz/a	POST1	C					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C					
3	SONALAN	3 EC		32.0 oz/a	PRE	A	97.0 ab	99.0 a	20.10 b	19.7 b	5720 b
	DICLOM	84 WG		0.45 oz/a	PRE	A					
	CADRE	2 AS		4.0 oz/a	POST1	C					
	2,4-DB	2 SL		16.0 oz/a	POST1	C					
	COBRA	2 EC		12.5 oz/a	POST1	C					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C					
4	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B	99.0 a	99.0 a	19.53 b	19.1 b	5557 b
	BROADLOOM	4 SL		8.0 oz/a	EPOST	B					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B					
	CADRE	2 AS		4.0 oz/a	POST2	D					
	2,4-DB	2 SL		16.0 oz/a	POST2	D					
	COBRA	2 EC		12.5 oz/a	POST2	D					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D					
5	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B	99.0 a	99.0 a	19.03 b	18.6 b	5414 b
	BASTANTE	4 SL		8.0 oz/a	EPOST	B					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B					
	CADRE	2 AS		4.0 oz/a	POST2	D					
	2,4-DB	2 SL		16.0 oz/a	POST2	D					
	COBRA	2 EC		12.5 oz/a	POST2	D					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D					
6	SONALAN	3 EC		32.0 oz/a	PRE	A	93.8 d	45.0 c	23.50 a	23.0 a	6688 a
	STRONGARM	84 WG		0.30 oz/a	POST1	C					
	2,4-DB	2 SL		16.0 oz/a	POST1	C					
	COBRA	2 EC		12.5 oz/a	POST1	C					
	INDUCE			0.25 % v/v	POST1	C					
7	SONALAN	3 EC		32.0 oz/a	PRE	A	94.8 cd	52.5 b	22.50 a	22.1 a	6403 a
	DICLOM	84 WG		0.30 oz/a	POST1	C					
	2,4-DB	2 SL		16.0 oz/a	POST1	C					
	COBRA	2 EC		12.5 oz/a	POST1	C					
	INDUCE			0.25 % v/v	POST1	C					
8	SONALAN	3 EC		32.0 oz/a	PRE	A	99.0 a	98.0 a	18.55 b	18.2 b	5279 b
	VALOR EZ	4 SC		3.0 oz/a	PRE	A					
	STRONGARM	84 WG		0.225 oz/a	PRE	A					
	CADRE	2 AS		4.0 oz/a	POST2	D					
	2,4-DB	2 SL		16.0 oz/a	POST2	D					
	COBRA	2 EC		12.5 oz/a	POST2	D					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D					
9	SONALAN	3 EC		32.0 oz/a	PRE	A	99.0 a	99.0 a	19.75 b	19.4 b	5621 b
	VALOR EZ	4 SC		3.0 oz/a	PRE	A					
	DICLOM	84 WG		0.225 oz/a	PRE	A					
	CADRE	2 AS		4.0 oz/a	POST2	D					
	2,4-DB	2 SL		16.0 oz/a	POST2	D					
	COBRA	2 EC		12.5 oz/a	POST2	D					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D					

Means followed by same letter or symbol do not significantly differ (P= .10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=22,23,24
 Could not calculate LSD (% mean diff) for columns 14,18 because error mean square = 0.
 ^Calculated from residual.

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Amapa	Agrass	-----	-----	-----	
Crop Code						-----	-----	ARAHY	ARAHY	ARAHY	
Rating Data Type						Control	Control	YIELD	YIELD	YIELD	
Rating Unit						%	%	LBS/PLOT	LBS/PLOT	LBS/A	
Rating Date						Jul-24-23	Jul-24-23	Sep-25-23	Sep-25-23	Sep-25-23	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	20	21	22	23	24
10	SONALAN	3	EC	32.0 oz/a	PRE	A	96.0 bc	99.0 a	18.90 b	18.5 b	5379 b
	BRAKE	1.2	SL	12.0 oz/a	PRE	A					
	STRONGARM	84	WG	0.225 oz/a	PRE	A					
	CADRE	2	AS	4.0 oz/a	POST1	C					
	2,4-DB	2	SL	16.0 oz/a	POST1	C					
	COBRA	2	EC	12.5 oz/a	POST1	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST1	C					
11	SONALAN	3	EC	32.0 oz/a	PRE	A	97.0 ab	98.0 a	18.88 b	18.5 b	5372 b
	BRAKE	1.2	SL	12.0 oz/a	PRE	A					
	DICLOM	84	WG	0.225 oz/a	PRE	A					
	CADRE	2	AS	4.0 oz/a	POST1	C					
	2,4-DB	2	SL	16.0 oz/a	POST1	C					
	COBRA	2	EC	12.5 oz/a	POST1	C					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST1	C					
12	NTC						0.0 e	0.0 d	0.00 c	0.0 c	0 c
LSD P=.10							2.19	2.71	1.852	1.81	527.0
Standard Deviation							1.83	2.27	1.543	1.51	439.1
CV							2.26	3.07	9.25	9.25	9.25
Grand Mean							81.04	73.88	16.679	16.35	4746.8

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=22,23,24
 Could not calculate LSD (% mean diff) for columns 14,18 because error mean square = 0.
 ^Calculated from residual.

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT					
Trial ID:	PE-11-23	Study Dir.:	JASON BROCK		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For ---- Arah STUNTING % May-16-23 (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	4866.66667			
Replicate	3	29.166667	9.722222	0.962	0.4220
Treatment	11	4504.166667	409.469697	40.538	0.0001
Error	33	333.333333	10.101010		
Randomized Complete Block (RCB) AOV For ---- Arah BLEACHING % May-16-23 (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	931.250000			
Replicate	3	10.416667	3.472222	1.486	0.2362
Treatment	11	843.750000	76.704545	32.838	0.0001
Error	33	77.083333	2.335859		
Randomized Complete Block (RCB) AOV For Amapa --- Control May-16-23 (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	69964.479167			
Replicate	3	672.395833	224.131944	1.530	0.2250
Treatment	11	64458.229167	5859.839015	40.004	0.0001
Error	33	4833.854167	146.480429		
Randomized Complete Block (RCB) AOV For --- Arah Stunting % May-23-23 (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1547.916667			
Replicate	3	35.416667	11.805556	1.191	0.3282
Treatment	11	1185.416667	107.765152	10.873	0.0001
Error	33	327.083333	9.911616		
Randomized Complete Block (RCB) AOV For --- Arah Chlorosis % May-23-23 (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1116.666667			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	1079.166667	98.106061	86.333	0.0001
Error	33	37.500000	1.136364		
Randomized Complete Block (RCB) AOV For --- Arah Necrosis % May-23-23 (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1497.916667			
Replicate	3	6.250000	2.083333	2.200	0.1066
Treatment	11	1460.416667	132.765152	140.200	0.0001
Error	33	31.250000	0.946970		
Randomized Complete Block (RCB) AOV For Amapa --- Control % May-23-23 (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	53613.479167			
Replicate	3	11.229167	3.743056	0.117	0.9495
Treatment	11	52546.229167	4776.929924	149.276	0.0001
Error	33	1056.020833	32.000631		
Randomized Complete Block (RCB) AOV For Rapra --- Control % May-23-23 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	61687.000000			
Replicate	3	38.166667	12.722222	0.247	0.8629
Treatment	11	59948.500000	5449.863636	105.771	0.0001
Error	33	1700.333333	51.525253		
Randomized Complete Block (RCB) AOV For Agrass --- Control % May-23-23 (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	61606.979167			
Replicate	3	253.062500	84.354167	3.111	0.0395
Treatment	11	60459.229167	5496.293561	202.727	0.0001
Error	33	894.687500	27.111742		
Randomized Complete Block (RCB) AOV For --- Arah Stunting % Jun-6-23 (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	1711.979167			
Replicate	3	114.062500	38.020833	3.806	0.0190
Treatment	11	1268.229167	115.293561	11.540	0.0001
Error	33	329.687500	9.990530		

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT						
Trial ID:	PE-11-23	Study Dir.:	JASON BROCK			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For --- Arahyl Necrosis % Jun-6-23 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	3599.479167				
Replicate	3	39.062500	13.020833	1.774	0.1713	
Treatment	11	3318.229167	301.657197	41.103	0.0001	
Error	33	242.187500	7.339015			
Randomized Complete Block (RCB) AOV For --- Arahyl Bleaching % Jun-6-23 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	247.916667				
Replicate	3	6.250000	2.083333	0.846	0.4786	
Treatment	11	160.416667	14.583333	5.923	0.0001	
Error	33	81.250000	2.462121			
Randomized Complete Block (RCB) AOV For Amapa --- Control % Jun-6-23 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	64632.000000				
Replicate	3	4.000000	1.333333	2.200	0.1066	
Treatment	11	64608.000000	5873.454545	9691.200	0.0001	
Error	33	20.000000	0.606061			
Randomized Complete Block (RCB) AOV For Rapra ---- Control % Jun-6-23 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	65340.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	11	65340.000000	5940.000000	0.000	1.0000	
Error	33	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Agrass --- Control % Jun-6-23 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	62826.979167				
Replicate	3	49.562500	16.520833	2.400	0.0855	
Treatment	11	62550.229167	5686.384470	825.973	0.0001	
Error	33	227.187500	6.884470			
Randomized Complete Block (RCB) AOV For ---- Arahyl Stunting % Jun-28-23 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	2124.479167				
Replicate	3	30.729167	10.243056	1.349	0.2753	
Treatment	11	1843.229167	167.566288	22.073	0.0001	
Error	33	250.520833	7.591540			
Randomized Complete Block (RCB) AOV For Amapa --- Control % Jun-28-23 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	64511.666667				
Replicate	3	3.666667	1.222222	0.834	0.4846	
Treatment	11	64459.666667	5859.969697	4000.945	0.0001	
Error	33	48.333333	1.464646			
Randomized Complete Block (RCB) AOV For Rapra ---- Control % Jun-28-23 (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	65340.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	11	65340.000000	5940.000000	0.000	1.0000	
Error	33	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Agrass ---- Control % Jun-28-23 (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	66118.479167				
Replicate	3	14.062500	4.687500	0.407	0.7487	
Treatment	11	65724.729167	5974.975379	519.307	0.0001	
Error	33	379.687500	11.505682			
Randomized Complete Block (RCB) AOV For Amapa ---- Control % Jul-24-23 (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	63297.916667				
Replicate	3	4.916667	1.638889	0.489	0.6922	
Treatment	11	63182.416667	5743.856061	1714.067	0.0001	
Error	33	110.583333	3.351010			

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT			
Trial ID:	PE-11-23	Study Dir.:	JASON BROCK
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Randomized Complete Block (RCB) AOV For Agrass ---- Control % Jul-24-23 (Data Column 21)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	68643.250000			
Replicate	3	41.583333	13.861111	2.700	0.0615
Treatment	11	68432.250000	6221.113636	1211.786	0.0001
Error	33	169.416667	5.133838		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD LBS/PLOT Sep-25-23 (Data Column 22)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	44	2882.819167			
Replicate	3	42.110833	14.036944	5.896	0.0027
Treatment	11	2769.289167	251.753561	105.750	0.0001
Error	30	71.419167	2.380639		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD LBS/PLOT Sep-25-23 (Data Column 23)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	44	2768.659528			
Replicate	3	40.443244	13.481081	5.896	0.0027
Treatment	11	2659.625316	241.784120	105.750	0.0001
Error	30	68.590968	2.286366		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD LBS/A Sep-25-23 (Data Column 24)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	44	233487038.272710			
Replicate	3	3410666.152038	1136888.717346	5.896	0.0027
Treatment	11	224291947.660852	20390177.060078	105.750	0.0001
Error	30	5784424.459820	192814.148661		

<u>Rating Unit</u>					
% = PERCENT					
<u>ARM Action Codes</u>					
T1 = [22]*0.98					
TY2 = 290.4*[23]					

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT			
Trial ID:	PE-11-23	Study Dir.:	JASON BROCK
Location:	PONDER FARM	Investigator:	Eric P. Prostko

							---- Arahy STUNTING % May-16-23	---- Arahy BLEACHING % May-16-23	Amapa --- Control % May-16-23	--- Arahy Stunting % May-23-23	--- Arahy Chlorosis % May-23-23	--- Arahy Necrosis % May-23-23	Amapa --- Control % May-23-23	Rapra --- Control % May-23-23
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code Plot	1	2	3	4	5	6	7	8
1	NTC					101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						203	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						404	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	SONALAN	3 EC		32.0 oz/a	PRE	A 102	0.0	0.0	50.0	0.0	0.0	0.0	65.0	99.0
	STRONGARM	84 WG		0.45 oz/a	PRE	A 212	0.0	0.0	30.0	0.0	0.0	0.0	50.0	95.0
	CADRE	2 AS		4.0 oz/a	POST1	C 306	5.0	0.0	85.0	0.0	0.0	0.0	60.0	95.0
	2,4-DB	2 SL		16.0 oz/a	POST1	C 407	10.0	0.0	75.0	0.0	0.0	0.0	60.0	95.0
	COBRA	2 EC		12.5 oz/a	POST1	C								
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C								
						Mean =	3.8	0.0	60.0	0.0	0.0	0.0	58.8	96.0
3	SONALAN	3 EC		32.0 oz/a	PRE	A 103	0.0	0.0	50.0	0.0	0.0	0.0	65.0	99.0
	DICLOM	84 WG		0.45 oz/a	PRE	A 208	0.0	0.0	50.0	0.0	0.0	0.0	60.0	99.0
	CADRE	2 AS		4.0 oz/a	POST1	C 305	5.0	0.0	50.0	10.0	0.0	0.0	60.0	99.0
	2,4-DB	2 SL		16.0 oz/a	POST1	C 406	0.0	0.0	75.0	0.0	0.0	0.0	65.0	99.0
	COBRA	2 EC		12.5 oz/a	POST1	C								
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C								
						Mean =	1.3	0.0	56.3	2.5	0.0	0.0	62.5	99.0
4	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B 104	0.0	0.0	0.0	10.0	10.0	15.0	95.0	85.0
	BROADLOOM	4 SL		8.0 oz/a	EPOST	B 206	10.0	0.0	0.0	10.0	10.0	15.0	99.0	99.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B 309	0.0	0.0	0.0	10.0	10.0	15.0	95.0	75.0
	CADRE	2 AS		4.0 oz/a	POST2	D 411	0.0	0.0	0.0	10.0	10.0	15.0	95.0	95.0
	2,4-DB	2 SL		16.0 oz/a	POST2	D								
	COBRA	2 EC		12.5 oz/a	POST2	D								
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D								
						Mean =	2.5	0.0	0.0	10.0	10.0	15.0	96.0	88.5
5	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B 105	0.0	0.0	0.0	10.0	10.0	15.0	99.0	95.0
	BASTANTE	4 SL		8.0 oz/a	EPOST	B 211	0.0	0.0	0.0	10.0	10.0	15.0	99.0	95.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B 302	0.0	0.0	0.0	10.0	10.0	15.0	99.0	95.0
	CADRE	2 AS		4.0 oz/a	POST2	D 412	0.0	0.0	0.0	10.0	10.0	15.0	95.0	90.0
	2,4-DB	2 SL		16.0 oz/a	POST2	D								
	COBRA	2 EC		12.5 oz/a	POST2	D								
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D								
						Mean =	0.0	0.0	0.0	10.0	10.0	15.0	98.0	93.8
6	SONALAN	3 EC		32.0 oz/a	PRE	A 106	0.0	0.0	50.0	0.0	0.0	0.0	55.0	99.0
	STRONGARM	84 WG		0.30 oz/a	POST1	C 209	0.0	0.0	65.0	0.0	0.0	0.0	50.0	65.0
	2,4-DB	2 SL		16.0 oz/a	POST1	C 301	0.0	0.0	30.0	0.0	0.0	0.0	50.0	80.0
	COBRA	2 EC		12.5 oz/a	POST1	C 408	0.0	0.0	50.0	0.0	0.0	0.0	45.0	95.0
	INDUCE	0.25 % v/v			POST1	C								
						Mean =	0.0	0.0	48.8	0.0	0.0	0.0	50.0	84.8
7	SONALAN	3 EC		32.0 oz/a	PRE	A 107	0.0	0.0	50.0	0.0	0.0	0.0	60.0	85.0
	DICLOM	84 WG		0.30 oz/a	POST1	C 205	10.0	0.0	50.0	10.0	0.0	0.0	60.0	95.0
	2,4-DB	2 SL		16.0 oz/a	POST1	C 307	0.0	0.0	30.0	0.0	0.0	0.0	50.0	95.0
	COBRA	2 EC		12.5 oz/a	POST1	C 402	0.0	0.0	85.0	0.0	0.0	0.0	65.0	65.0
	INDUCE	0.25 % v/v			POST1	C								
						Mean =	2.5	0.0	53.8	2.5	0.0	0.0	58.8	85.0
8	SONALAN	3 EC		32.0 oz/a	PRE	A 108	30.0	0.0	99.0	15.0	0.0	0.0	99.0	95.0
	VALOR EZ	4 SC		3.0 oz/a	PRE	A 201	30.0	0.0	99.0	10.0	0.0	5.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A 304	20.0	0.0	99.0	10.0	0.0	0.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST2	D 403	25.0	0.0	99.0	15.0	0.0	0.0	95.0	99.0
	2,4-DB	2 SL		16.0 oz/a	POST2	D								
	COBRA	2 EC		12.5 oz/a	POST2	D								
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D								
						Mean =	26.3	0.0	99.0	12.5	0.0	1.3	98.0	98.0

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT
Trial ID: PE-11-23 Study Dir.: JASON BROCK
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Agrass	---	---	---	Amapa	Rapra	Agrass	----	Amapa			
Crop Code						---	Arahy	Arahy	Arahy	---	----	---	Arahy	---			
Rating Data Type						Control	Stunting	Necrosis	Bleaching	Control	Control	Control	Stunting	Control			
Rating Unit						%	%	%	%	%	%	%	%	%			
Rating Date						May-23-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-6-23	Jun-28-23	Jun-28-23			
Trt	Treatment	Form	Form	Rate	Grow	Appl											
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	9	10	11	12	13	14	15	16	17
1	NTC							101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								203	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								312	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
								404	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	SONALAN	3	EC	32.0	oz/a	PRE	A	102	99.0	0.0	10.0	0.0	99.0	99.0	99.0	5.0	99.0
	STRONGARM	84	WG	0.45	oz/a	PRE	A	212	85.0	0.0	5.0	0.0	99.0	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST1	C	306	95.0	0.0	10.0	0.0	95.0	99.0	99.0	0.0	99.0
	2,4-DB	2	SL	16.0	oz/a	POST1	C	407	85.0	10.0	5.0	5.0	99.0	99.0	99.0	5.0	99.0
	COBRA	2	EC	12.5	oz/a	POST1	C										
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	C										
							Mean =		91.0	2.5	7.5	1.3	98.0	99.0	99.0	2.5	99.0
3	SONALAN	3	EC	32.0	oz/a	PRE	A	103	99.0	0.0	10.0	0.0	99.0	99.0	99.0	0.0	99.0
	DICLOM	84	WG	0.45	oz/a	PRE	A	208	99.0	0.0	10.0	0.0	99.0	99.0	99.0	10.0	99.0
	CADRE	2	AS	4.0	oz/a	POST1	C	305	95.0	5.0	10.0	0.0	99.0	99.0	95.0	5.0	99.0
	2,4-DB	2	SL	16.0	oz/a	POST1	C	406	95.0	10.0	5.0	0.0	99.0	99.0	99.0	5.0	95.0
	COBRA	2	EC	12.5	oz/a	POST1	C										
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	C										
							Mean =		97.0	3.8	8.8	0.0	99.0	99.0	98.0	5.0	98.0
4	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	104	99.0	5.0	20.0	0.0	99.0	99.0	99.0	15.0	99.0
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B	206	99.0	15.0	20.0	0.0	99.0	99.0	99.0	15.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	309	95.0	15.0	20.0	0.0	99.0	99.0	99.0	15.0	99.0
	CADRE	2	AS	4.0	oz/a	POST2	D	411	95.0	15.0	25.0	0.0	99.0	99.0	99.0	15.0	99.0
	2,4-DB	2	SL	16.0	oz/a	POST2	D										
	COBRA	2	EC	12.5	oz/a	POST2	D										
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	D										
							Mean =		97.0	12.5	21.3	0.0	99.0	99.0	99.0	15.0	99.0
5	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	105	99.0	10.0	15.0	0.0	99.0	99.0	99.0	20.0	99.0
	BASTANTE	4	SL	8.0	oz/a	EPOST	B	211	99.0	10.0	25.0	0.0	99.0	99.0	99.0	15.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	302	99.0	15.0	25.0	0.0	99.0	99.0	99.0	10.0	99.0
	CADRE	2	AS	4.0	oz/a	POST2	D	412	95.0	10.0	20.0	0.0	99.0	99.0	99.0	10.0	99.0
	2,4-DB	2	SL	16.0	oz/a	POST2	D										
	COBRA	2	EC	12.5	oz/a	POST2	D										
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	D										
							Mean =		98.0	11.3	21.3	0.0	99.0	99.0	99.0	13.8	99.0
6	SONALAN	3	EC	32.0	oz/a	PRE	A	106	95.0	0.0	5.0	0.0	95.0	99.0	85.0	0.0	99.0
	STRONGARM	84	WG	0.30	oz/a	POST1	C	209	85.0	0.0	5.0	5.0	95.0	99.0	95.0	0.0	95.0
	2,4-DB	2	SL	16.0	oz/a	POST1	C	301	80.0	0.0	5.0	0.0	95.0	99.0	85.0	0.0	95.0
	COBRA	2	EC	12.5	oz/a	POST1	C	408	65.0	0.0	10.0	0.0	95.0	99.0	85.0	0.0	99.0
	INDUCE	0.25	% v/v			POST1	C										
							Mean =		81.3	0.0	6.3	1.3	95.0	99.0	87.5	0.0	97.0
7	SONALAN	3	EC	32.0	oz/a	PRE	A	107	95.0	0.0	5.0	0.0	99.0	99.0	95.0	0.0	95.0
	DICLOM	84	WG	0.30	oz/a	POST1	C	205	99.0	0.0	5.0	0.0	99.0	99.0	90.0	0.0	95.0
	2,4-DB	2	SL	16.0	oz/a	POST1	C	307	85.0	0.0	5.0	0.0	95.0	99.0	90.0	0.0	95.0
	COBRA	2	EC	12.5	oz/a	POST1	C	402	95.0	0.0	5.0	0.0	99.0	99.0	90.0	0.0	99.0
	INDUCE	0.25	% v/v			POST1	C										
							Mean =		93.5	0.0	5.0	0.0	98.0	99.0	91.3	0.0	96.0
8	SONALAN	3	EC	32.0	oz/a	PRE	A	108	99.0	15.0	20.0	0.0	99.0	99.0	99.0	15.0	99.0
	VALOR EZ	4	SC	3.0	oz/a	PRE	A	201	99.0	15.0	25.0	0.0	99.0	99.0	99.0	10.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	304	95.0	10.0	25.0	0.0	99.0	99.0	99.0	15.0	99.0
	CADRE	2	AS	4.0	oz/a	POST2	D	403	99.0	15.0	25.0	0.0	99.0	99.0	95.0	15.0	99.0
	2,4-DB	2	SL	16.0	oz/a	POST2	D										
	COBRA	2	EC	12.5	oz/a	POST2	D										
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	D										
							Mean =		98.0	13.8	23.8	0.0	99.0	99.0	98.0	13.8	99.0

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT			
Trial ID:	PE-11-23	Study Dir.:	JASON BROCK
Location:	PONDER FARM	Investigator:	Eric P. Prostko

						Rapra	Agrass	Amapa	Agrass	-----	-----	-----			
						Control	Control	Control	Control	ARAHY	ARAHY	ARAHY			
						%	%	%	%	YIELD	YIELD	YIELD			
						Jun-28-23	Jun-28-23	Jul-24-23	Jul-24-23	LBS/PLOT	LBS/PLOT	LBS/A			
						Rating Date	Rating Date	Rating Date	Rating Date	Sep-25-23	Sep-25-23	Sep-25-23			
Trt	Treatment	Form	Form	Rate	Grow	Appl									
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	18	19	20	21	22	23	24
1	NTC							101	0.0	0.0	0.0	0.0	0.00	0.0	0
								203	0.0	0.0	0.0	0.0	0.00	0.0	0
								312	0.0	0.0	0.0	0.0	0.00	0.0	0
								404	0.0	0.0	0.0	0.0	0.00	0.0	0
								Mean =	0.0	0.0	0.0	0.0	0.00	0.0	0
2	SONALAN	3	EC	32.0	oz/a	PRE	A	102	99.0	99.0	99.0	99.0	18.90	18.5	5379
	STRONGARM	84	WG	0.45	oz/a	PRE	A	212	99.0	99.0	95.0	99.0	21.10	20.7	6005
	CADRE	2	AS	4.0	oz/a	POST1	C	306	99.0	99.0	99.0	99.0	21.30	20.9	6062
	2,4-DB	2	SL	16.0	oz/a	POST1	C	407	99.0	99.0	99.0	95.0	16.40	16.1	4667
	COBRA	2	EC	12.5	oz/a	POST1	C								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	C								
								Mean =	99.0	99.0	98.0	98.0	19.43	19.0	5528
3	SONALAN	3	EC	32.0	oz/a	PRE	A	103	99.0	99.0	99.0	99.0	23.10	22.6	6574
	DICLOM	84	WG	0.45	oz/a	PRE	A	208	99.0	99.0	99.0	99.0	20.50	20.1	5834
	CADRE	2	AS	4.0	oz/a	POST1	C	305	99.0	99.0	95.0	99.0	19.70	19.3	5606
	2,4-DB	2	SL	16.0	oz/a	POST1	C	406	99.0	99.0	95.0	99.0	17.10	16.8	4867
	COBRA	2	EC	12.5	oz/a	POST1	C								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	C								
								Mean =	99.0	99.0	97.0	99.0	20.10	19.7	5720
4	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	104	99.0	99.0	99.0	99.0	21.00	20.6	5976
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B	206	99.0	99.0	99.0	99.0	19.90	19.5	5663
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	309	99.0	99.0	99.0	99.0	19.50	19.1	5550
	CADRE	2	AS	4.0	oz/a	POST2	D	411	99.0	99.0	99.0	99.0	17.70	17.3	5037
	2,4-DB	2	SL	16.0	oz/a	POST2	D								
	COBRA	2	EC	12.5	oz/a	POST2	D								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	D								
								Mean =	99.0	99.0	99.0	99.0	19.53	19.1	5557
5	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	105	99.0	99.0	99.0	99.0	20.00	19.6	5692
	BASTANTE	4	SL	8.0	oz/a	EPOST	B	211	99.0	99.0	99.0	99.0	20.00	19.6	5692
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	302	99.0	99.0	99.0	99.0	17.10	16.8	4867
	CADRE	2	AS	4.0	oz/a	POST2	D	412	99.0	99.0	99.0	99.0	19.00	18.6	5407
	2,4-DB	2	SL	16.0	oz/a	POST2	D								
	COBRA	2	EC	12.5	oz/a	POST2	D								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	D								
								Mean =	99.0	99.0	99.0	99.0	19.03	18.6	5414
6	SONALAN	3	EC	32.0	oz/a	PRE	A	106	99.0	60.0	95.0	50.0	23.30	22.8	6631
	STRONGARM	84	WG	0.30	oz/a	POST1	C	209	99.0	60.0	95.0	50.0	23.70	23.2	6745
	2,4-DB	2	SL	16.0	oz/a	POST1	C	301	99.0	50.0	90.0	40.0	.	.	.
	COBRA	2	EC	12.5	oz/a	POST1	C	408	99.0	40.0	95.0	40.0	.	.	.
	INDUCE			0.25	% v/v	POST1	C								
								Mean =	99.0	52.5	93.8	45.0	23.50	23.0	6688
7	SONALAN	3	EC	32.0	oz/a	PRE	A	107	99.0	65.0	95.0	50.0	20.80	20.4	5920
	DICLOM	84	WG	0.30	oz/a	POST1	C	205	99.0	65.0	95.0	60.0	.	.	.
	2,4-DB	2	SL	16.0	oz/a	POST1	C	307	99.0	60.0	90.0	50.0	23.30	22.8	6631
	COBRA	2	EC	12.5	oz/a	POST1	C	402	99.0	75.0	99.0	50.0	23.40	22.9	6659
	INDUCE			0.25	% v/v	POST1	C								
								Mean =	99.0	66.3	94.8	52.5	22.50	22.1	6403
8	SONALAN	3	EC	32.0	oz/a	PRE	A	108	99.0	99.0	99.0	99.0	19.10	18.7	5436
	VALOR EZ	4	SC	3.0	oz/a	PRE	A	201	99.0	99.0	99.0	99.0	20.70	20.3	5891
	STRONGARM	84	WG	0.225	oz/a	PRE	A	304	99.0	99.0	99.0	95.0	18.60	18.2	5293
	CADRE	2	AS	4.0	oz/a	POST2	D	403	99.0	99.0	99.0	99.0	15.80	15.5	4497
	2,4-DB	2	SL	16.0	oz/a	POST2	D								
	COBRA	2	EC	12.5	oz/a	POST2	D								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	D								
								Mean =	99.0	99.0	99.0	98.0	18.55	18.2	5279

University of Georgia

BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
 Location: PONDER FARM Investigator: Eric P. Prostko

							Rapra	Agrass	Amapa	Agrass	-----	-----	-----	
							----	----	----	----	ARAHY	ARAHY	ARAHY	
							Control	Control	Control	Control	YIELD	YIELD	YIELD	
							%	%	%	%	LBS/PLOT	LBS/PLOT	LBS/A	
							Jun-28-23	Jun-28-23	Jul-24-23	Jul-24-23	Sep-25-23	Sep-25-23	Sep-25-23	
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Stg	Code	Plot	18	19	20	21	22	23	24
9	SONALAN	3 EC		32.0 oz/a	PRE	A	109	99.0	99.0	99.0	99.0	18.50	18.1	5265
	VALOR EZ	4 SC		3.0 oz/a	PRE	A	204	99.0	99.0	99.0	99.0	22.70	22.2	6460
	DICLOM	84 WG		0.225 oz/a	PRE	A	311	99.0	99.0	99.0	99.0	19.20	18.8	5464
	CADRE	2 AS		4.0 oz/a	POST2	D	405	99.0	99.0	99.0	99.0	18.60	18.2	5293
	2,4-DB	2 SL		16.0 oz/a	POST2	D								
	COBRA	2 EC		12.5 oz/a	POST2	D								
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST2	D								
							Mean =	99.0	99.0	99.0	99.0	19.75	19.4	5621
10	SONALAN	3 EC		32.0 oz/a	PRE	A	110	99.0	99.0	95.0	99.0	20.80	20.4	5920
	BRAKE	1.2 SL		12.0 oz/a	PRE	A	207	99.0	99.0	95.0	99.0	19.80	19.4	5635
	STRONGARM	84 WG		0.225 oz/a	PRE	A	310	99.0	99.0	99.0	99.0	19.10	18.7	5436
	CADRE	2 AS		4.0 oz/a	POST1	C	409	99.0	99.0	95.0	99.0	15.90	15.6	4525
	2,4-DB	2 SL		16.0 oz/a	POST1	C								
	COBRA	2 EC		12.5 oz/a	POST1	C								
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C								
							Mean =	99.0	99.0	96.0	99.0	18.90	18.5	5379
11	SONALAN	3 EC		32.0 oz/a	PRE	A	111	99.0	99.0	99.0	99.0	19.70	19.3	5606
	BRAKE	1.2 SL		12.0 oz/a	PRE	A	210	99.0	99.0	95.0	99.0	21.80	21.4	6204
	DICLOM	84 WG		0.225 oz/a	PRE	A	308	99.0	99.0	99.0	99.0	19.20	18.8	5464
	CADRE	2 AS		4.0 oz/a	POST1	C	401	99.0	99.0	95.0	95.0	14.80	14.5	4212
	2,4-DB	2 SL		16.0 oz/a	POST1	C								
	COBRA	2 EC		12.5 oz/a	POST1	C								
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST1	C								
							Mean =	99.0	99.0	97.0	98.0	18.88	18.5	5372
12	NTC						112	0.0	0.0	0.0	0.0	0.00	0.0	0
							202	0.0	0.0	0.0	0.0	0.00	0.0	0
							303	0.0	0.0	0.0	0.0	0.00	0.0	0
							410	0.0	0.0	0.0	0.0	0.00	0.0	0
							Mean =	0.0	0.0	0.0	0.0	0.00	0.0	0

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BASTANTE/BROADLOOM VS. DICLOM/STRONGARM IN PEANUT

Trial ID: PE-11-23 Study Dir.: JASON BROCK
Location: PONDER FARM Investigator: Eric P. Prostko

Rating Unit
% = PERCENT
ARM Action Codes
T1 = [22]*0.98
TY2 = 290.4*[23]