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## PEANUT RESPONSE TO LOW RATES OF CLARITY

Trial ID: PE-03-17      Study Dir.: STANLEY ROYAL (US-17-136)  
 Location: PONDER FARM      Investigator: Eric P. Prostko

Reps: 4      Plots: 6 by 25 feet  
 Spray vol: 15 GAL/AC      Mix Size: 1.5 liters (.78211 liters calculated mix size)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
1	28 DAP CLARITY	4 SL		16.0 oz/a		POST	A	12.5 ml/mx	101	208	302	410
2	28 DAP CLARITY	4 SL		1.6 oz/a		POST	A	1.25 ml/mx	102	201	309	406
3	28 DAP CLARITY	4 SL		0.16 oz/a		POST	A	0.125 ml/mx	103	206	311	412
4	28 DAP CLARITY	4 SL		0.016 oz/a		POST	A	0.0125 ml/mx	104	210	307	409
5	28 DAP CLARITY	4 SL		.0016 oz/a		POST	A	1.25 ul/mx	105	204	306	402
6	56 DAP CLARITY	4 SL		16.0 oz/a		POST	B	12.5 ml/mx	106	207	305	401
7	56 DAP CLARITY	4 SL		1.6 oz/a		POST	B	1.25 ml/mx	107	205	310	408
8	56 DAP CLARITY	4 SL		0.16 oz/a		POST	B	0.125 ml/mx	108	209	301	405
9	56 DAP CLARITY	4 SL		0.016 oz/a		POST	B	0.0125 ml/mx	109	212	304	407
10	56 DAP CLARITY	4 SL		.0016 oz/a		POST	B	1.25 ul/mx	110	203	308	403
11	28 DAP CLARITY	4 SL		0.0 oz/a		POST	A		111	202	303	411
12	56 DAP CLARITY	4 SL		0.0 oz/a		POST	B		112	211	312	404

Sort Order: Treatment

### Trial Comments

MAINTAINED WEED-FREE  
 PROWL H20 @ 32 OZ/A + VALOR @ 3 OZ/A + STRONGARM @ 0.225 OZ/A - APRIL 26  
 CADRE @ 4 OZ/A + DUAL MAGNUM @ 16 OZ/A + 2,4-DB @ 16 OZ/A - MAY 22  
 HAND-WEEDED AS NEEDED

0.125 ML = 125 MICROLITERS  
 0.0125 MLS = 12.5 MICROLITERS  
 0.00125 MLS = 1.25 MICROLITERS

LEAF ROLL RATINGS: 1 = NONE, 2 = SLIGHT, 3 = MODERATE, 4 = SEVERE

DIGGING DATE: SEPTEMBER 14  
 HARVEST DATE: SEPTEMBER 18  
 HARVEST MOISTURE: 16.9%  
 YIELDS ADJUSTED TO 10%

### SUMMARY

1) ON JULY 31 (97 DAP), THE FOLLOWING OBSERVATIONS WERE MADE:

- A) 16 OZ/A OF CLARITY (1X) WAS MORE INJURIOUS WHEN APPLIED 28 DAP VS. 56 DAP.
- B) 1.6 OZ/A OF CLARITY (1/10X) WAS MORE INJURIOUS WHEN APPLIED 56 DAP VS. 28 DAP.
- C) NO OTHER LOWER RATE OR TIMING OF CLARITY CAUSED SIGNIFICANT PEANUT INJURY.
- D) GENERALLY WHEN HIGHER RATES OF DICAMBA ARE APPLIED, PEANUT LEAF ROLLING IS LESS EVIDENT BECAUSE OF THE SEVERE CROP INJURY. LOWER RATES OF DICAMBA CAUSE LESS INJURY BUT MAY CAUSE MORE LEAF ROLLING.

2) FOR PEANUT YIELD DATA:

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A) NO INTERACTION BETWEEN TIME OF APPLICATION AND CLARITY RATE.

B) WHEN AVERAGED OVER ALL CLARITY RATES, TIME OF APPLICATION HAD NO EFFECT ON YIELD (P=0.6191).

C) WHEN AVERAGED OVER TIME OF APPLICATION, ONLY THE 16 OZ/A RATE OF CLARITY CAUSED A SIGNIFICANT REDUCTION IN PEANUT YIELD (~81% YIELD REDUCTION).

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Trial ID: PE-03-17      Study Dir.: STANLEY ROYAL (US-17-136)  
 Location: PONDER FARM      Investigator: Eric P. Prostko

**Study Director:** STANLEY ROYAL (US-17-136)      **Title:** \_\_\_\_\_  
**Affiliation:** \_\_\_\_\_      **Postal Code:** \_\_\_\_\_

**Investigator:** Eric P. Prostko      **Title:** \_\_\_\_\_  
**Affiliation:** \_\_\_\_\_      **Postal Code:** \_\_\_\_\_

**Trial Status:** \_\_\_\_\_      **Initiation Date:** \_\_\_\_\_      **Country:** \_\_\_\_\_  
**City:** \_\_\_\_\_      **State/Prov.:** \_\_\_\_\_      **Postal Code:** \_\_\_\_\_  
**Conducted Under GLP (Y/N):** N      **Conducted Under GEP (Y/N):** N

**Objective:** \_\_\_\_\_

**Conclusions:** \_\_\_\_\_

### CROP AND PEST DESCRIPTION

**Weed 1.** \_\_\_\_\_      **2.** \_\_\_\_\_

**Crop 1:** ARAHY PEANUT      **Variety:** GA-06G      **Planting Date:** Apr-24-17  
**Planting Method:** MONOSEM TWIN ROW      **Rate:** 3.1      **SEED/FT**      **Depth:** 2 IN  
**Perennial Age:** \_\_\_\_\_      **Row Spacing:** \_\_\_\_\_      **Seed Bed:** \_\_\_\_\_  
**Soil Temperature:** \_\_\_\_\_      **Soil Moisture:** OPTIMUM      **Emergence Date:** \_\_\_\_\_

**Plot Width, Unit:** 6 FT      **Plot Length, Unit:** 25 FT      **Reps:** 4

**Site Type:** \_\_\_\_\_  
**Tillage Type:** CONVENTIONAL      **Study Design:** FACTOR  
**Trial Initiation Comments:** THIMET 20G INFR @ 3.5 LBS/A IN EACH TWIN; 36"-9" TWIN ROW SPACING; DYNASTY PD SEED TRT

<b>Previous: Crops</b>	<b>Pesticides</b>	<b>Year</b>
1. FIELD CORN	2016	_____

### MAINTENANCE

**Field Prep./Maintenance:** \_\_\_\_\_  

	<b>Form</b>	<b>Form</b>	<b>Form</b>	<b>Rate</b>
<b>No. Date</b>	<b>Treatment Name</b>	<b>Conc</b>	<b>Unit</b>	<b>Type Rate Unit</b>
1. _____	_____	_____	_____	_____

### SOIL DESCRIPTION

**Texture:** SAND      **% OM:** 0.53      **% Sand:** 94      **% Silt:** 4      **% Clay:** 2  
**pH:** 6.0      **CEC:** 3.5      **Soil Name:** FUQUAY      **Fertility Level:** GOOD

### MOISTURE CONDITIONS

<b>On: Date</b>	<b>Time</b>	<b>Amount</b>	<b>Unit</b>	<b>Type</b>	<b>Interval</b>	<b>Unit</b>
1. _____	_____	_____	_____	_____	_____	_____

**Overall Moisture Conditions:** \_\_\_\_\_  
**Closest Weather Station:** \_\_\_\_\_      **Distance:** \_\_\_\_\_      **Unit:** \_\_\_\_\_

### APPLICATION DESCRIPTION

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
<b>Application Date:</b>	May-22-17	Jun-19-17	_____	_____	_____	_____
<b>Time of Day:</b>	7:30 AM	8:00 AM	_____	_____	_____	_____
<b>Application Method:</b>	BROADCAST	BROADCAST	_____	_____	_____	_____
<b>Application Timing:</b>	FOLIAGE	FOLIAGE	_____	_____	_____	_____
<b>Applic. Placement:</b>	28 DAP	56 DAP	_____	_____	_____	_____
<b>Air Temp., Unit:</b>	70 F	76 F	_____	_____	_____	_____
<b>% Relative Humidity:</b>	99	95	_____	_____	_____	_____
<b>Wind Velocity, Unit:</b>	1 MPH	0 MPH	_____	_____	_____	_____
<b>Dew Presence (Y/N):</b>	Y	Y	_____	_____	_____	_____
<b>Water Hardness:</b>	--	_____	_____	_____	_____	_____
<b>Soil Temp., Unit:</b>	75 F	79 F	_____	_____	_____	_____
<b>Soil Moisture:</b>	OPTIMUM	OPTIMUM	_____	_____	_____	_____
<b>% Cloud Cover:</b>	50	50	_____	_____	_____	_____

### CROP STAGE AT EACH APPLICATION

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
<b>Crop 1 Stage:</b>	ARAHY	_____	_____	_____	_____	_____
<b>Stage Scale:</b>	V2-V3	R2-R3	_____	_____	_____	_____
<b>Height, Unit:</b>	4 IN	7 IN	_____	_____	_____	_____

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		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1	Stage: _____	_____	_____	_____	_____	_____	_____
	Stage Scale: _____	_____	_____	_____	_____	_____	_____
	Density, Unit: _____	_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK SAME AS A	_____	_____	_____	_____	_____	_____
Operating Pressure:	39	_____	_____	_____	_____	_____	_____
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:	_____	_____	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	_____	_____	_____	_____	_____	_____	_____

Trt No	Treatment Application Comment
_____	_____

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Trial ID: PE-03-17      Study Dir.: STANLEY ROYAL (US-17-136)  
 Location: PONDER FARM      Investigator: Eric P. Prostko

Weed Code	----- ARAHY CROP - INJURY PERCENT May-30-17	----- ARAHY LEAF - ROLL 1-4 PERCENT May-30-17	----- ARAHY CROP - INJURY PERCENT Jun-8-17	----- ARAHY LEAF - ROLL 1-4 PERCENT Jun-8-17	----- ARAHY CROP - INJURY PERCENT Jul-31-17	----- ARAHY CROP - INJURY PERCENT Aug-28-17
Trt Treatment Form Form      Rate Grow Appl No. Name      Conc Type Rate Unit Stg      Code	1	2	3	4	5	6
<b>TABLE OF R MEANS</b>						
Replicate 1	2.1	1.08	11.7	1.38	11.7	12.5
Replicate 2	5.0	1.08	11.7	1.38	17.1	13.3
Replicate 3	6.7	1.08	11.7	1.46	13.8	10.4
Replicate 4	6.7	1.21	11.3	1.42	11.3	11.3
<b>TABLE OF A (TIME OF APPLICATION) MEANS</b>						
1 28 DAP	10.2 a	1.23 a	23.1 a	1.81 a	14.0 a	12.7 a
2 56 DAP	0.0 b	1.00 b	0.0 b	1.00 b	12.9 a	11.0 a
LSD P=.10	5.09	0.147	0.49	0.094	1.67	3.49
Standard Deviation	7.49	0.217	0.72	0.138	2.47	5.14
CV	146.71	19.425	6.24	9.827	18.34	43.26
<b>TABLE OF B (CLARITY RATE) MEANS</b>						
1 CLARITY      4 SL      16.0 oz/a POST A	19.4 a	1.00 c	33.1 a	1.25 c	66.9 a	61.3 a
2      1.6 oz/a POST A	8.8 b	1.31 a	25.0 b	2.44 a	10.6 b	4.4 b
3      0.16 oz/a POST A	2.5 bc	1.25 ab	6.3 c	1.56 b	0.6 c	0.0 c
4      0.016 oz/a POST A	0.0 c	1.13 bc	2.5 d	1.13 cd	0.0 c	2.5 bc
5      .0016 oz/a POST A	0.0 c	1.00 c	2.5 d	1.06 d	2.5 c	3.1 bc
6	0.0 c	1.00 c	0.0 e	1.00 d	0.0 c	0.0 c
LSD P=.10	6.32	0.130	2.48	0.134	4.79	4.21
Standard Deviation	7.20	0.148	2.83	0.153	5.46	4.80
CV	141.16	13.270	24.49	10.846	40.64	40.43
<b>TABLE OF A (TIME OF APPLICATION) B (CLARITY RATE) MEANS</b>						
1 28 DAP	38.8 a	1.00 c	66.3 a	1.50 c	73.8 a	62.5 a
1 CLARITY      4 SL      16.0 oz/a POST A						
2 56 DAP	0.0 c	1.00 c	0.0 e	1.00 e	60.0 b	60.0 a
1 CLARITY      4 SL      16.0 oz/a POST A						
1 28 DAP	17.5 b	1.63 a	50.0 b	3.88 a	3.8 d	2.5 a
2      1.6 oz/a POST A						
2 56 DAP	0.0 c	1.00 c	0.0 e	1.00 e	17.5 c	6.3 a
2      1.6 oz/a POST A						
1 28 DAP	5.0 c	1.50 a	12.5 c	2.13 b	1.3 d	0.0 a
3      0.16 oz/a POST A						
2 56 DAP	0.0 c	1.00 c	0.0 e	1.00 e	0.0 d	0.0 a
3      0.16 oz/a POST A						
1 28 DAP	0.0 c	1.25 b	5.0 d	1.25 d	0.0 d	5.0 a
4      0.016 oz/a POST A						
2 56 DAP	0.0 c	1.00 c	0.0 e	1.00 e	0.0 d	0.0 a
4      0.016 oz/a POST A						
1 28 DAP	0.0 c	1.00 c	5.0 d	1.13 de	5.0 d	6.3 a
5      .0016 oz/a POST A						
2 56 DAP	0.0 c	1.00 c	0.0 e	1.00 e	0.0 d	0.0 a
5      .0016 oz/a POST A						
1 28 DAP	0.0 c	1.00 c	0.0 e	1.00 e	0.0 d	0.0 a
6						
2 56 DAP	0.0 c	1.00 c	0.0 e	1.00 e	0.0 d	0.0 a
6						
LSD P=.10	8.93	0.183	3.51	0.189	6.86	6.01
Standard Deviation	7.20	0.148	2.83	0.153	5.54	4.84
CV	141.16	13.270	24.49	10.846	41.21	40.80

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.



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COMPLETE FACTORIAL AOV For ----- ARAHY CROP INJURY PERCENT May-30-17 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	7974.479167				
R	3	168.229167	56.076389	1.080	0.3874	
A	1	1250.520833	1250.520833	22.300	0.0180	5.1
RA	3	168.229167	56.076389			
B	5	2415.104167	483.020833	9.305	0.0003	6.3
RB	15	778.645833	51.909722			
AB	5	2415.104167	483.020833	9.305	0.0003	8.9
RAB	15	778.645833	51.909722			

  

COMPLETE FACTORIAL AOV For ----- ARAHY LEAF ROLL 1-4 May-30-17 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	3.119792				
R	3	0.140625	0.046875	2.143	0.1375	
A	1	0.630208	0.630208	13.444	0.0351	0.15
RA	3	0.140625	0.046875			
B	5	0.776042	0.155208	7.095	0.0014	0.13
RB	15	0.328125	0.021875			
AB	5	0.776042	0.155208	7.095	0.0014	0.18
RAB	15	0.328125	0.021875			

  

COMPLETE FACTORIAL AOV For ----- ARAHY CROP INJURY PERCENT Jun-8-17 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	22207.812500				
R	3	1.562500	0.520833	0.065	0.9776	
A	1	6417.187500	6417.187500	12321.001	0.0001	0.5
RA	3	1.562500	0.520833			
B	5	7773.437500	1554.687500	193.831	0.0001	2.5
RB	15	120.312500	8.020833			
AB	5	7773.437500	1554.687500	193.831	0.0001	3.5
RAB	15	120.312500	8.020833			

  

COMPLETE FACTORIAL AOV For ----- ARAHY LEAF ROLL 1-4 Jun-8-17 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	32.328125				
R	3	0.057292	0.019097	0.821	0.5024	
A	1	7.921875	7.921875	414.818	0.0003	0.09
RA	3	0.057292	0.019097			
B	5	11.796875	2.359375	101.418	0.0001	0.13
RB	15	0.348958	0.023264			
AB	5	11.796875	2.359375	101.418	0.0001	0.19
RAB	15	0.348958	0.023264			

  

COMPLETE FACTORIAL AOV For ----- ARAHY CROP INJURY PERCENT Jul-31-17 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	30057.812500				
R	3	255.729167	85.243056	2.780	0.0772	
A	1	13.020833	13.020833	2.143	0.2394	1.7
RA	3	18.229167	6.076389			
B	5	28067.187500	5613.437500	188.204	0.0001	4.8
RB	15	447.395833	29.826389			
AB	5	796.354167	159.270833	5.195	0.0058	6.9
RAB	15	459.895833	30.659722			

  

COMPLETE FACTORIAL AOV For ----- ARAHY CROP INJURY PERCENT Aug-28-17 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	24531.250000				
R	3	60.416667	20.138889	0.858	0.4841	
A	1	33.333333	33.333333	1.263	0.3429	3.5
RA	3	79.166667	26.388889			
B	5	23525.000000	4705.000000	204.072	0.0001	4.2
RB	15	345.833333	23.055556			
AB	5	135.416667	27.083333	1.154	0.3759	6.0
RAB	15	352.083333	23.472222			

Means followed by same letter or symbol do not significantly differ (P=.10, LSD)  
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COMPLETE FACTORIAL AOV For ----- ARAHY PLOT YIELD LBS Sep-18-17 2 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	2430.318125				
R	3	593.626042	197.875347	65.482	0.0001	
A	1	6.600833	6.600833	0.305	0.6191	3.16
RA	3	64.862083	21.620694			
B	5	1518.192500	303.638500	25.625	0.0001	3.02
RB	15	177.742083	11.849472			
AB	5	23.967292	4.793458	1.586	0.2237	2.15
RAB	15	45.327292	3.021819			

COMPLETE FACTORIAL AOV For ----- ARAHY PLOT YIELD LBS/A Sep-18-17 TY1 1 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	174732374.431204				
R	3	42679880.760307	14226626.920102	65.482	0.0001	
A	1	474579.549769	474579.549769	0.305	0.6191	847.0
RA	3	4663383.659449	1554461.219816			
B	5	109153356.360968	21830671.272194	25.625	0.0001	809.0
RB	15	12779107.367758	851940.491184			
AB	5	1723174.319659	344634.863932	1.586	0.2237	577.8
RAB	15	3258892.413294	217259.494220			

Part Rated  
 LEAF = LEAF / FOLIAGE  
 PRM Data Type  
 TY1 = 268.136\*[7]

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.



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Trial ID: PE-03-17      Study Dir.: STANLEY ROYAL (US-17-136)  
 Location: PONDER FARM      Investigator: Eric P. Prostko

Weed Code							-----	-----	-----	-----	-----	-----	-----	
Crop Code							ARAHY	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY	
Part Rated							CROP -	LEAF -	CROP -	LEAF -	CROP -	CROP -	PLOT -	
Rating Data Type							INJURY	ROLL	INJURY	ROLL	INJURY	INJURY	YIELD	
Rating Unit							PERCENT	1-4	PERCENT	1-4	PERCENT	PERCENT	LBS	
Rating Date							May-30-17	May-30-17	Jun-8-17	Jun-8-17	Jul-31-17	Aug-28-17	Sep-18-17	
PRM Data Type														
# Subsamples, Dec.													- 2	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	1	2	3	4	5	6	7	
1	28 DAP CLARITY	4 SL		16.0 oz/a	POST	A	101	5.0	1.00	65.0	1.50	70.0	60.0	4.55
							208	50.0	1.00	70.0	1.50	85.0	75.0	0.00
							302	50.0	1.00	65.0	1.50	75.0	55.0	5.55
							410	50.0	1.00	65.0	1.50	65.0	60.0	5.90
							Mean =	38.8	1.00	66.3	1.50	73.8	62.5	4.00
2	28 DAP CLARITY	4 SL		1.6 oz/a	POST	A	102	10.0	1.50	50.0	4.00	5.0	0.0	16.00
							201	10.0	1.50	50.0	3.50	5.0	0.0	19.60
							309	20.0	1.50	50.0	4.00	5.0	0.0	19.55
							406	30.0	2.00	50.0	4.00	0.0	10.0	21.00
							Mean =	17.5	1.63	50.0	3.88	3.8	2.5	19.04
3	28 DAP CLARITY	4 SL		0.16 oz/a	POST	A	103	10.0	1.50	15.0	2.00	0.0	0.0	16.10
							206	0.0	1.50	10.0	2.50	0.0	0.0	20.35
							311	10.0	1.50	15.0	2.00	5.0	0.0	21.85
							412	0.0	1.50	10.0	2.00	0.0	0.0	17.65
							Mean =	5.0	1.50	12.5	2.13	1.3	0.0	18.99
4	28 DAP CLARITY	4 SL		0.016 oz/a	POST	A	104	0.0	1.00	0.0	1.00	0.0	10.0	13.50
							210	0.0	1.00	0.0	1.00	0.0	0.0	21.65
							307	0.0	1.00	10.0	1.50	0.0	0.0	23.00
							409	0.0	2.00	10.0	1.50	0.0	10.0	18.85
							Mean =	0.0	1.25	5.0	1.25	0.0	5.0	19.25
5	28 DAP CLARITY	4 SL		.0016 oz/a	POST	A	105	0.0	1.00	10.0	1.00	0.0	10.0	13.25
							204	0.0	1.00	10.0	1.00	20.0	15.0	16.40
							306	0.0	1.00	0.0	1.50	0.0	0.0	23.35
							402	0.0	1.00	0.0	1.00	0.0	0.0	25.00
							Mean =	0.0	1.00	5.0	1.13	5.0	6.3	19.50
6	56 DAP CLARITY	4 SL		16.0 oz/a	POST	A	106	0.0	1.00	0.0	1.00	65.0	70.0	0.00
							207	0.0	1.00	0.0	1.00	65.0	60.0	0.00
							305	0.0	1.00	0.0	1.00	60.0	60.0	3.05
							401	0.0	1.00	0.0	1.00	50.0	50.0	10.25
							Mean =	0.0	1.00	0.0	1.00	60.0	60.0	3.33
7	56 DAP CLARITY	4 SL		1.6 oz/a	POST	A	107	0.0	1.00	0.0	1.00	0.0	0.0	10.10
							205	0.0	1.00	0.0	1.00	30.0	10.0	15.55
							310	0.0	1.00	0.0	1.00	20.0	10.0	16.85
							408	0.0	1.00	0.0	1.00	20.0	5.0	18.40
							Mean =	0.0	1.00	0.0	1.00	17.5	6.3	15.23
8	56 DAP CLARITY	4 SL		0.16 oz/a	POST	A	108	0.0	1.00	0.0	1.00	0.0	0.0	9.25
							209	0.0	1.00	0.0	1.00	0.0	0.0	21.40
							301	0.0	1.00	0.0	1.00	0.0	0.0	21.00
							405	0.0	1.00	0.0	1.00	0.0	0.0	23.70
							Mean =	0.0	1.00	0.0	1.00	0.0	0.0	18.84
9	56 DAP CLARITY	4 SL		0.016 oz/a	POST	A	109	0.0	1.00	0.0	1.00	0.0	0.0	11.20
							212	0.0	1.00	0.0	1.00	0.0	0.0	22.10
							304	0.0	1.00	0.0	1.00	0.0	0.0	21.10
							407	0.0	1.00	0.0	1.00	0.0	0.0	21.20
							Mean =	0.0	1.00	0.0	1.00	0.0	0.0	18.90
10	56 DAP CLARITY	4 SL		.0016 oz/a	POST	A	110	0.0	1.00	0.0	1.00	0.0	0.0	9.25
							203	0.0	1.00	0.0	1.00	0.0	0.0	22.85
							308	0.0	1.00	0.0	1.00	0.0	0.0	22.15
							403	0.0	1.00	0.0	1.00	0.0	0.0	24.65
							Mean =	0.0	1.00	0.0	1.00	0.0	0.0	19.73
11	28 DAP CLARITY	4 SL		0.0 oz/a	POST	A	111	0.0	1.00	0.0	1.00	0.0	0.0	9.95
							202	0.0	1.00	0.0	1.00	0.0	0.0	21.50
							303	0.0	1.00	0.0	1.00	0.0	0.0	22.00
							411	0.0	1.00	0.0	1.00	0.0	0.0	19.20
							Mean =	0.0	1.00	0.0	1.00	0.0	0.0	18.16
12	56 DAP CLARITY	4 SL		0.0 oz/a	POST	A	112	0.0	1.00	0.0	1.00	0.0	0.0	9.10
							211	0.0	1.00	0.0	1.00	0.0	0.0	20.55
							312	0.0	1.00	0.0	1.00	0.0	0.0	21.95
							404	0.0	1.00	0.0	1.00	0.0	0.0	22.30
							Mean =	0.0	1.00	0.0	1.00	0.0	0.0	18.48

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Appl Code	Plot	
Weed Code									-----
Crop Code									ARAHY
Part Rated									PLOT -
Rating Data Type									YIELD
Rating Unit									LBS/A
Rating Date									Sep-18-17
PRM Data Type									TY1
# Subsamples, Dec.									- 1
Trt Treatment Form Form Rate Grow Appl									
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	8
1	28 DAP CLARITY	4	SL	16.0 oz/a	POST	A	101	1220.0	
							208	0.0	
							302	1488.2	
							410	1582.0	
							Mean =	1072.5	
2	28 DAP CLARITY	4	SL	1.6 oz/a	POST	A	102	4290.2	
							201	5255.5	
							309	5242.1	
							406	5630.9	
							Mean =	5104.6	
3	28 DAP CLARITY	4	SL	0.16 oz/a	POST	A	103	4317.0	
							206	5456.6	
							311	5858.8	
							412	4732.6	
							Mean =	5091.2	
4	28 DAP CLARITY	4	SL	0.016 oz/a	POST	A	104	3619.8	
							210	5805.1	
							307	6167.1	
							409	5054.4	
							Mean =	5161.6	
5	28 DAP CLARITY	4	SL	.0016 oz/a	POST	A	105	3552.8	
							204	4397.4	
							306	6261.0	
							402	6703.4	
							Mean =	5228.7	
6	56 DAP CLARITY	4	SL	16.0 oz/a	POST	A	106	0.0	
							207	0.0	
							305	817.8	
							401	2748.4	
							Mean =	891.6	
7	56 DAP CLARITY	4	SL	1.6 oz/a	POST	A	107	2708.2	
							205	4169.5	
							310	4518.1	
							408	4933.7	
							Mean =	4082.4	
8	56 DAP CLARITY	4	SL	0.16 oz/a	POST	A	108	2480.3	
							209	5738.1	
							301	5630.9	
							405	6354.8	
							Mean =	5051.0	
9	56 DAP CLARITY	4	SL	0.016 oz/a	POST	A	109	3003.1	
							212	5925.8	
							304	5657.7	
							407	5684.5	
							Mean =	5067.8	
10	56 DAP CLARITY	4	SL	.0016 oz/a	POST	A	110	2480.3	
							203	6126.9	
							308	5939.2	
							403	6609.6	
							Mean =	5289.0	
11	28 DAP CLARITY	4	SL	0.0 oz/a	POST	A	111	2668.0	
							202	5764.9	
							303	5899.0	
							411	5148.2	
							Mean =	4870.0	
12	56 DAP CLARITY	4	SL	0.0 oz/a	POST	A	112	2440.0	
							211	5510.2	
							312	5885.6	
							404	5979.4	
							Mean =	4953.8	

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PEANUT RESPONSE TO LOW RATES OF CLARITY

Trial ID: PE-03-17      Study Dir.: STANLEY ROYAL (US-17-136)  
Location: PONDER FARM      Investigator: Eric P. Prostko

Part Rated

LEAF = LEAF / FOLIAGE

PRM Data Type

TY1 = 268.136\*[7]