

University of Georgia

'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)

Trial ID:PE-04-24

Study Dir.:RICHARD ROYAL

Location:PONDER FARM

Investigator:Eric P. Prostko

Reps: 4Plots: 6 by 25 feet

Appl. Amount: 15 GAL/ACMix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form	Form Conc	Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	TRICOR	4 F		0.0 oz/a	PRE	A			-	101	205	301	403
2	TRICOR	4 F		1.0 oz/a	PRE	A		0.7812 mL/mx	1499.2 mL	102	201	305	401
3	TRICOR	4 F		2.0 oz/a	PRE	A		1.562 mL/mx	1498.4 mL	103	202	303	404
4	TRICOR	4 F		4.0 oz/a	PRE	A		3.125 mL/mx	1496.9 mL	104	203	304	402
5	TRICOR	4 F		8.0 oz/a	PRE	A		6.25 mL/mx	1493.8 mL	105	204	302	405

Sort Order: Treatment

Trial Comments

MAINTAINED WEED-FREE

PROWL @ 32 OZ/A + STRONGARM @ 0.45 OZ/A + DUAL MAGNUM @ 16 OZ/A - PRE
CADRE @ 4 OZ/A + COBRA @ 12.5 OZ/A + DUAL MAGNUM @ 16 OZ/A - JUNE 4
SELECT MAX @ 24 OZ/A + DUAL MAGNUM @ 16 OZ/A - JUNE 26

DIGGING DATE: 09/19/24 (144 DAYS)
HARVEST DATE: 09/23/24
HARVEST MOISTURE: 13%
YIELDS ADJUSTED TO 10%
2% YIELD DEDUCTION FOR FM

SUMMARY:

1) TRICOR HAD NO EFFECT ON PEANUT STAND (P>0.74)

2) TRICOR CAUSED LITTLE IF ANY STUNTING (<5%).

3) TRICOR CAUSED SLIGHT PEANUT LEAF NECROSIS (5% OR LESS).

4) TRICOR HAD NO EFFECT ON PEANUT HEIGHT OR WIDTH (P>0.75).

5) TRICOR HAD NO EFFECT ON PEANUT YIELD (P=0.2278). TEST AVERAGE YIELD WAS 4048 LBS/A.

General Trial Information

Study Director: RICHARD ROYAL

Investigator: Eric P. Prostko

Title:

Title:

Discipline:

Status: E established

ARM Trial Created On: Jan-31-24

Meets All Objectives:

Reliability:

Initiation Date:

Planned Completion Date:

Interim Data Due:

Completion Date:

Last Possible Tour Visit:

Trial Location

City:

Country:

State/Prov.:

County:

Postal Code:

Climate Zone:

Latitude of LL Corner °:

Longitude of LL Corner °:

GPS Accuracy of LL Corner:

Altitude of LL Corner:

Angle y-axis to North °:

Directions:

Keywords:

'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)			
Trial ID:	PE-04-24	Study Dir.:	RICHARD ROYAL
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Objectives:
Materials and Methods
Results:
Conclusions:

Contacts		
Study Director: Role: STUDY DIR Organization: _____ Address 1: _____ Address 2: _____ Country: _____ City: _____	study director	Title: _____ Org. Type: _____ Phone No.: _____ E-mail: _____ State/Prov: _____
Investigator: Role: INVEST Organization: _____ Address 1: _____ Address 2: _____ Country: _____ City: _____	investigator	Title: _____ Org. Type: _____ Phone No.: _____ E-mail: _____ State/Prov: _____
Sponsor: Role: SPONSOR Organization: _____ Address 1: _____ Address 2: _____ Country: _____ City: _____	sponsor	Title: _____ Org. Type: _____ Phone No.: _____ E-mail: _____ State/Prov: _____
Cooperator: Role: COOPER Organization: _____ Address 1: _____ Address 2: _____ Country: _____ City: _____	cooperator	Title: _____ Org. Type: _____ Phone No.: _____ E-mail: _____ State/Prov: _____
Contact Name 5: Role: _____ Organization: _____ Address 1: _____ Address 2: _____ Country: _____ City: _____		Title: _____ Org. Type: _____ Phone No.: _____ E-mail: _____ State/Prov: _____

'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)			
Trial ID:	PE-04-24	Study Dir.:	RICHARD ROYAL
Location:	PONDER FARM	Investigator:	Eric P. Prostko
Field Prep./Maintenance: 36"9" TWIN ROWS RANCONA SEED TRT 400 LBS/A 5-15-30 - PREPLANT THIMET 20G INFR @ 7 LBS/A			

Soil Description

Description Name: _____

% Sand: 94	% OM: 0.8	Texture: SAND
% Silt: 4	% Carbon: _____	Soil Name: TIFTON
% Clay: 2	% Lime: _____	Fert. Level: G good
	pH: 6.7	CEC: 3.3

Soil Drainage: _

Comment:

Additional Measured Elements

Date	Element	Quantity	Unit	Depth	Unit	Comment

Weather Conditions

Overall Moisture Conditions: _____
Weather Station Name: _____

Irrigation Type: _____
Distance: _____

Code: _____

No.	Date	Time	Moisture Total	Unit	Min Temp	Max Temp	Avg Temp	Temp Unit	Min % Relative Humidity	Max % Relative Humidity	Avg % Relative Humidity	Min Wind	Max Wind	Avg Wind
1.														

Comment:

MAY 1: 0.5" IRRIGATION
MAY 4: 0.9" RAINFALL
MAY 9: 0.75" RAINFALL
MAY 10: 0.75" RAINFALL
MAY 13: 1.1" RAINFALL
MAY 17: 0.96" RAINFALL
MAY 18: 1.35" RAINFALL
MAY 19: 0.69" RAINFALL
MAY 25: 0.44" RAINFALL
MAY 27: 0.62" RAINFALL
JUNE 4: 0.5" IRRIGATION
JUNE 11: 0.45" IRRIGATION
JUNE 17: 0.4" IRRIGATION
JUNE 27: 0.9" RAINFALL
JUNE 29: 0.5" RAINFALL
JULY 2: 0.5" RAINFALL

[illegible]

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)

Trial ID: PE-04-24 Study Dir.: RICHARD ROYAL
Location: PONDER FARM Investigator: Eric P. Prostko

Application Description	
	A
Date	Apr-30-24
Start Time	
Stop Time	6:47 AM
Standard	
Method	BROADCAST
Timing	PRE
Placement	SOIL
Mixed/Prepared By	EP
Applied By	NS
Entry Date	Oct-7-24
Air Temperature Start, Stop	, 65 F
% Relative Humidity Start, Stop	93,
Wind Velocity+Dir. Start	0, MPH
Wind Velocity+Dir. Stop	
Wind Velocity+Dir. Max	
Wet Leaves (Y/N)	N, no
Soil Temperature	70 F
Soil Temperature Depth	
Soil Moisture	OPTIMUM
Soil Surface Condition	
% Ground Cover	
% Cloud Cover	50
First Moisture Occurred On	
Time to First Moisture	
Amount of First Moisture	
Moisture 1 Week Before Appl.	
Moisture 6 Hours After Appl.	
Moisture 24 Hours After Appl.	
Moisture 1 Week After Appl.	
Problems with Application?	

Comment:

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)			
Trial ID:	PE-04-24	Study Dir.:	RICHARD ROYAL
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Crop Stage At Each Application	
	A
Crop 1 Code, BBCH Scale	
Days after Emergence	
Stage Majority, Percent	
Stage Minimum, Percent	
Stage Maximum, Percent	
Diameter Average	
Diameter Minimum, Maximum	
Height Average	
Height Minimum, Maximum	
Density Average	
Density Minimum, Maximum	
Coverage	

Pest Stage At Each Application	
	A
Pest 1 Code, Type, Scale	
Establishment Interval	
Stage Majority, Percent	
Stage Minimum, Percent	
Stage Maximum, Percent	
Diameter Average	
Diameter Minimum, Maximum	
Height Average	
Height Minimum, Maximum	
Relative Density	
Density Average	
Density Minimum, Maximum	
Coverage	
Crop Part Attacked, Code	

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)			
Trial ID:	PE-04-24	Study Dir.:	RICHARD ROYAL
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Application Equipment	
	A
Equipment Name	
Equipment Type	BACCAI
Operation Pressure	35 PSI
Nozzle Model	TEEJET
Nozzle Type	AIXR
Nozzle TradeName	
Nozzle Tip Size, Color	11002,
Nozzle Spacing	20.0 IN
Nozzles/Row	
Nozzle Count	
Band Width	
Spray Swath	
% Coverage	
Boom ID	
Boom Length	60.0 IN
Boom Height	20.0 IN
Ground Speed	3.5 MPH
Carrier	WATER
Water Hardness (ppm CaCO3)	
Application Amount	15 GAL/AC
Mix Overage	
Mix Size	1.5 L
Spray pH	
Propellant	COMCO2
Tank Mix (Y/N)	
Equipment Comment:	

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)			
Trial ID:	PE-04-24	Study Dir.:	RICHARD ROYAL
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Equipment	
	1.
Equipment Name	
Platform Type	
Platform Trade Name	
Platform Model	
Sensor Type	
Sensor Trade Name	
Sensor Model	
Resolution	
Sensor Height	
Sensor Speed	
Original Data Location	
Analysis Company	
Analysis Method	
Software Version	
Scale Trade Name	
Scale Model	

Treatment Appl. Comments	
Trt No	Treatment Application Comment

Notes					
No.	Context	Date	Time	By	Notes
1.	STATUS	May-15-24		Eric P. Prostko	Automatically added by ARM: Trial Status updated to 'E' when Rating Date was entered by (EGAPRE).
2.					

Deviations	
No. 1:	Date: _____ By: _____
Deviations:	
Reasons:	

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)			
Trial ID:	PE-04-24	Study Dir.:	RICHARD ROYAL
Location:	PONDER FARM	Investigator:	Eric P. Prostko

SE Definitions		
	1.	
Rating Timing		
SE Name		
SE Description		
Part Rated		
Rating Type		
Rating Unit		
Rating Min/Max/Interval		
Sample Size		
Collection Basis		
Reporting Basis		
Number of Subsamples		
Untreated Rating Type		
ARM Action Codes		
Pest Type, Code		
Crop Type, Code		
Required		
No.	Task	Comment
1.		

Instructions:
Yield Required: _
Geographic Area/Environmental Considerations:
Cropping Considerations:
Data to Collect:
Statistical Analysis:

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)

Trial ID: PE-04-24 Study Dir.: RICHARD ROYAL
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code	Arahy Stand #/5FT	Arahy Stunting %	Arahy Chlorosis %	Arahy Stand #/5 ft	Arahy Stunting %	Arahy Necrosis %	Arahy Stunt %
Rating Data Type	May-8-24	May-8-24	May-8-24	May-15-24	May-15-24	May-15-24	Jun-10-24
Rating Unit	8 DA-A	8 DA-A	8 DA-A	15 DA-A	15 DA-A	15 DA-A	41 DA-A
Rating Date							
Trt-Eval Interval							
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code
1	2	3	4	5	6	7	
1	TRICOR	4 F	0.0 oz/a	PRE	A	25.8 -	0.0 -
2	TRICOR	4 F	1.0 oz/a	PRE	A	25.8 -	1.3 -
3	TRICOR	4 F	2.0 oz/a	PRE	A	26.8 -	0.0 -
4	TRICOR	4 F	4.0 oz/a	PRE	A	28.8 -	0.0 -
5	TRICOR	4 F	8.0 oz/a	PRE	A	26.8 -	0.0 -
LSD P=.10	4.82	1.41	3.94	2.07	3.73	2.93	5.37
Standard Deviation	3.83	1.12	3.13	1.64	2.96	2.33	4.26
CV	14.3	447.21	178.81	5.22	169.03	84.63	121.64
Grand Mean	26.75	0.25	1.75	31.45	1.75	2.75	3.50
Bartlett's X2^	2.994	11.009*	2.16	3.556	4.866	11.234*	4.485
P(Bartlett's X2)	0.559	0.026*	0.706	0.469	0.301	0.024*	0.344
Replicate F	0.550	1.000	2.170	4.117	2.429	0.231	5.425
Replicate Prob(F)	0.6576	0.4262	0.1446	0.0319	0.1159	0.8732	0.0137
Treatment F	0.410	1.000	0.830	0.481	1.286	2.538	1.276
Treatment Prob(F)	0.7981	0.4449	0.5314	0.7491	0.3294	0.0947	0.3328

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.

Could not calculate LSD (% mean diff) or mean separation letters for columns 8 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)

Trial ID: PE-04-24 Study Dir.: RICHARD ROYAL
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY
Rating Data Type	Necrosis	Hgt1	Hgt2	Hgt3	Hgt4	Hgt5	AVG-HGT
Rating Unit	%	In	In	In	In	In	INCHES
Rating Date	Jun-10-24	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24
Trt-Eval Interval	41 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A
Trt Treatment Form Form Rate Grow Appl	8	9	10	11	12	13	14
No. Name Conc Type Rate Unit Stg Code							
1 TRICOR 4 F 0.0 oz/a PRE A	0.0 na	6.8 -	6.3 -	6.8 -	7.3 -	6.5 -	6.7 -
2 TRICOR 4 F 1.0 oz/a PRE A	0.0 na	6.5 -	6.3 -	6.3 -	6.3 -	6.3 -	6.3 -
3 TRICOR 4 F 2.0 oz/a PRE A	0.0 na	6.5 -	6.3 -	6.3 -	7.0 -	6.5 -	6.5 -
4 TRICOR 4 F 4.0 oz/a PRE A	0.0 na	6.0 -	6.8 -	5.8 -	6.3 -	6.0 -	6.2 -
5 TRICOR 4 F 8.0 oz/a PRE A	0.0 na	6.0 -	6.0 -	6.3 -	6.8 -	7.0 -	6.4 -
LSD P=.10	.	1.18	1.15	0.98	1.46	0.75	0.76
Standard Deviation	0.00	0.94	0.91	0.77	1.15	0.59	0.60
CV	0.0	14.8	14.49	12.39	17.23	9.17	9.38
Grand Mean	0.00	6.35	6.30	6.25	6.70	6.45	6.41
Bartlett's X2^	.	1.182	3.635	5.04	0.126	4.717	8.067
P(Bartlett's X2)	.	0.881	0.458	0.283	0.998	0.318	0.089
Replicate F	NaN	3.830	0.400	0.306	0.250	0.524	0.566
Replicate Prob(F)	NaN	0.0390	0.7555	0.8209	0.8598	0.6741	0.6475
Treatment F	NaN	0.509	0.360	0.833	0.600	1.571	0.476
Treatment Prob(F)	NaN	0.7301	0.8323	0.5294	0.6698	0.2446	0.7528

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)

Trial ID: PE-04-24 Study Dir.: RICHARD ROYAL
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	ARAHY	Arahy
Rating Data Type	Wt1	Wt2	Wt3	Wt4	Wt5	AVG-WIDTH	Stunt
Rating Unit	In	In	In	In	In	INCHES	%
Rating Date	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24	Jul-3-24
Trt-Eval Interval	49 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A	64 DA-A
Trt Treatment Form Form Rate Grow Appl	15	16	17	18	19	20	21
No. Name Conc Type Rate Unit Stg Code							
1 TRICOR 4 F 0.0 oz/a PRE A	23.5 -	21.8 -	22.0 -	23.3 -	23.0 -	22.7 -	0.0 -
2 TRICOR 4 F 1.0 oz/a PRE A	22.0 -	22.8 -	22.3 -	22.8 -	23.0 -	22.6 -	3.8 -
3 TRICOR 4 F 2.0 oz/a PRE A	22.0 -	21.5 -	21.5 -	22.8 -	23.5 -	22.3 -	2.5 -
4 TRICOR 4 F 4.0 oz/a PRE A	23.8 -	21.3 -	24.3 -	22.0 -	23.5 -	23.0 -	3.8 -
5 TRICOR 4 F 8.0 oz/a PRE A	22.5 -	20.5 -	22.3 -	21.5 -	23.5 -	22.1 -	2.5 -
LSD P=.10	1.67	2.89	2.20	2.51	2.98	1.52	4.19
Standard Deviation	1.32	2.29	1.75	1.99	2.37	1.20	3.32
CV	5.81	10.62	7.79	8.86	10.16	5.35	132.92
Grand Mean	22.75	21.55	22.45	22.45	23.30	22.50	2.50
Bartlett's X2^	1.994	4.664	4.658	1.809	5.147	9.999*	1.731
P(Bartlett's X2)	0.737	0.324	0.324	0.771	0.273	0.04*	0.785
Replicate F	1.857	0.467	0.496	0.316	0.345	0.318	1.660
Replicate Prob(F)	0.1907	0.7104	0.6919	0.8138	0.7932	0.8123	0.2280
Treatment F	1.571	0.510	1.447	0.486	0.054	0.351	0.849
Treatment Prob(F)	0.2446	0.7295	0.2783	0.7458	0.9939	0.8381	0.5209

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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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)

Trial ID: PE-04-24 Study Dir.: RICHARD ROYAL
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code							ARAHY	ARAHY	ARAHY
Rating Data Type							YIELD-D	YIELD-C	YIELD
Rating Unit							LBS/PLOT	LBS/PLOT	LBS/A
Rating Date							Sep-23-24	Sep-23-24	Sep-23-24
Trt-Eval Interval							146 DA-A	146 DA-A	146 DA-A
Trt Treatment Form Form							22	23	24
No. Name Conc Type Rate Unit Stg Code									
1 TRICOR 4 F 0.0 oz/a PRE A							14.850 -	14.6 -	4085.3 -
2 TRICOR 4 F 1.0 oz/a PRE A							15.038 -	14.7 -	4136.9 -
3 TRICOR 4 F 2.0 oz/a PRE A							14.438 -	14.1 -	3971.8 -
4 TRICOR 4 F 4.0 oz/a PRE A							15.075 -	14.8 -	4147.2 -
5 TRICOR 4 F 8.0 oz/a PRE A							14.175 -	13.9 -	3899.6 -
LSD P=.10							0.7750	0.76	213.21
Standard Deviation							0.6150	0.60	169.18
CV							4.18	4.18	4.18
Grand Mean							14.7150	14.42	4048.18
Bartlett's X2^							2.862	2.862	2.862
P(Bartlett's X2)							0.581	0.581	0.581
Replicate F							0.512	0.512	0.512
Replicate Prob(F)							0.6818	0.6818	0.6818
Treatment F							1.641	1.641	1.641
Treatment Prob(F)							0.2278	0.2278	0.2278

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)			
Trial ID:	PE-04-24	Study Dir.:	RICHARD ROYAL
Location:	PONDER FARM	Investigator:	Eric P. Prostko
<u>ARM Action Codes</u> T1 = ([C9]+[C10]+[C11]+[C12]+[C13])/5 T2 = ([C15]+[C16]+[C17]+[C18]+[C19])/5 T3 = [22]*0.98 TY4 = 280.72*[23]			

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BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)														
Trial ID:		PE-04-24		Study Dir.:		RICHARD ROYAL								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Crop Code							Arahy	Arahy	Arahy	Arahy	Arahy	Arahy		
Rating Data Type							Stand	Stunting	Chlorosis	Stand	Stunting	Necrosis		
Rating Unit							#/5FT	%	%	#/5 ft	%	%		
Rating Date							May-8-24	May-8-24	May-8-24	May-15-24	May-15-24	May-15-24		
Trt-Eval Interval							8 DA-A	8 DA-A	8 DA-A	15 DA-A	15 DA-A	15 DA-A		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
1	TRICOR	4 F		0.0 oz/a	PRE	A	101		18.0	0.0	0.0	34.0	0.0	0.0
							205		31.0	0.0	0.0	28.0	0.0	0.0
							301		26.0	0.0	0.0	30.0	0.0	0.0
							403		28.0	0.0	0.0	31.0	0.0	0.0
							Mean =		25.8	0.0	0.0	30.8	0.0	0.0
2	TRICOR	4 F		1.0 oz/a	PRE	A	102		25.0	0.0	0.0	31.0	0.0	5.0
							201		24.0	0.0	0.0	32.0	5.0	5.0
							305		28.0	5.0	10.0	31.0	0.0	5.0
							401		26.0	0.0	0.0	30.0	10.0	5.0
							Mean =		25.8	1.3	2.5	31.0	3.8	5.0
3	TRICOR	4 F		2.0 oz/a	PRE	A	103		31.0	0.0	0.0	36.0	0.0	0.0
							202		28.0	0.0	10.0	30.0	5.0	5.0
							303		27.0	0.0	5.0	32.0	0.0	5.0
							404		21.0	0.0	0.0	28.0	5.0	5.0
							Mean =		26.8	0.0	3.8	31.5	2.5	3.8
4	TRICOR	4 F		4.0 oz/a	PRE	A	104		29.0	0.0	0.0	33.0	0.0	5.0
							203		31.0	0.0	5.0	32.0	0.0	0.0
							304		26.0	0.0	0.0	31.0	0.0	5.0
							402		29.0	0.0	0.0	32.0	0.0	0.0
							Mean =		28.8	0.0	1.3	32.0	0.0	2.5
5	TRICOR	4 F		8.0 oz/a	PRE	A	105		29.0	0.0	0.0	34.0	0.0	5.0
							204		27.0	0.0	0.0	32.0	10.0	5.0
							302		29.0	0.0	5.0	32.0	0.0	0.0
							405		22.0	0.0	0.0	30.0	0.0	0.0
							Mean =		26.8	0.0	1.3	32.0	2.5	2.5

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)												
Trial ID:		PE-04-24			Study Dir.:		RICHARD ROYAL					
Location:		PONDER FARM			Investigator:		Eric P. Prostko					
Crop Code							Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type							Stunt	Necrosis	Hgt1	Hgt2	Hgt3	Hgt4
Rating Unit							%	%	In	In	In	In
Rating Date							Jun-10-24	Jun-10-24	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24
Trt-Eval Interval							41 DA-A	41 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Unit	Stg	Code	Plot	7	8	9	10	11
1	TRICOR	4 F	0.0 oz/a	PRE	A	101		0.0	0.0	5.0	5.0	6.0
						205		0.0	0.0	9.0	7.0	8.0
						301		0.0	0.0	6.0	7.0	7.0
						403		0.0	0.0	7.0	6.0	8.0
						Mean =		0.0	0.0	6.8	6.3	7.3
2	TRICOR	4 F	1.0 oz/a	PRE	A	102		0.0	0.0	6.0	6.0	6.0
						201		10.0	0.0	8.0	7.0	5.0
						305		0.0	0.0	6.0	5.0	7.0
						401		10.0	0.0	6.0	7.0	6.0
						Mean =		5.0	0.0	6.5	6.3	6.3
3	TRICOR	4 F	2.0 oz/a	PRE	A	103		0.0	0.0	6.0	7.0	7.0
						202		15.0	0.0	6.0	5.0	6.0
						303		0.0	0.0	7.0	7.0	6.0
						404		0.0	0.0	7.0	6.0	8.0
						Mean =		3.8	0.0	6.5	6.3	7.0
4	TRICOR	4 F	4.0 oz/a	PRE	A	104		0.0	0.0	5.0	6.0	6.0
						203		10.0	0.0	6.0	7.0	6.0
						304		0.0	0.0	6.0	7.0	6.0
						402		0.0	0.0	7.0	7.0	5.0
						Mean =		2.5	0.0	6.0	6.8	5.8
5	TRICOR	4 F	8.0 oz/a	PRE	A	105		0.0	0.0	5.0	6.0	7.0
						204		15.0	0.0	8.0	7.0	6.0
						302		10.0	0.0	6.0	5.0	6.0
						405		0.0	0.0	5.0	6.0	7.0
						Mean =		6.3	0.0	6.0	6.0	6.3

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BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)												
Trial ID:		PE-04-24		Study Dir.:		RICHARD ROYAL						
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Crop Code							Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy
Rating Data Type							Hgt5	AVG-HGT	Wt1	Wt2	Wt3	Wt4
Rating Unit							In	INCHES	In	In	In	In
Rating Date							Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24	Jun-18-24
Trt-Eval Interval							49 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	16
1	TRICOR	4 F		0.0 oz/a	PRE	A	101		6.0	5.6	24.0	19.0
							205		7.0	7.8	25.0	26.0
							301		6.0	6.6	23.0	21.0
							403		7.0	6.8	22.0	20.0
							Mean =		6.5	6.7	23.5	21.8
2	TRICOR	4 F		1.0 oz/a	PRE	A	102		6.0	6.0	24.0	22.0
							201		7.0	6.6	22.0	20.0
							305		6.0	6.4	20.0	24.0
							401		6.0	6.2	22.0	25.0
							Mean =		6.3	6.3	22.0	22.8
3	TRICOR	4 F		2.0 oz/a	PRE	A	103		6.0	6.8	20.0	24.0
							202		6.0	5.6	24.0	23.0
							303		7.0	6.6	21.0	20.0
							404		7.0	7.0	23.0	19.0
							Mean =		6.5	6.5	22.0	21.5
4	TRICOR	4 F		4.0 oz/a	PRE	A	104		6.0	5.6	24.0	22.0
							203		6.0	6.4	23.0	23.0
							304		6.0	6.4	23.0	20.0
							402		6.0	6.2	25.0	20.0
							Mean =		6.0	6.2	23.8	21.3
5	TRICOR	4 F		8.0 oz/a	PRE	A	105		8.0	6.8	24.0	22.0
							204		7.0	6.8	23.0	20.0
							302		6.0	5.8	21.0	19.0
							405		7.0	6.2	22.0	21.0
							Mean =		7.0	6.4	22.5	20.5

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)

Trial ID: PE-04-24 Study Dir.: RICHARD ROYAL
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code Rating Data Type Rating Unit Rating Date Trt-Eval Interval							Arahy Wt5 In Jun-18-24 49 DA-A	ARAHY AVG-WIDTH INCHES Jun-18-24 49 DA-A	Arahy Stunt % Jul-3-24 64 DA-A	ARAHY YIELD-D LBS/PLOT Sep-23-24 146 DA-A	ARAHY YIELD-C LBS/PLOT Sep-23-24 146 DA-A	ARAHY YIELD LBS/A Sep-23-24 146 DA-A		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	19	20	21	22	23	24
1	TRICOR	4 F	0.0 oz/a	PRE	A		101	25.0	22.0	0.0	14.550	14.3	4002.8	
							205	26.0	25.6	0.0	15.300	15.0	4209.1	
							301	19.0	21.8	0.0	15.150	14.8	4167.8	
							403	22.0	21.4	0.0	14.400	14.1	3961.5	
							Mean =	23.0	22.7	0.0	14.850	14.6	4085.3	
2	TRICOR	4 F	1.0 oz/a	PRE	A		102	24.0	23.0	5.0	14.700	14.4	4044.1	
							201	23.0	21.4	5.0	15.000	14.7	4126.6	
							305	24.0	23.6	0.0	15.600	15.3	4291.6	
							401	21.0	22.2	5.0	14.850	14.6	4085.3	
							Mean =	23.0	22.6	3.8	15.038	14.7	4136.9	
3	TRICOR	4 F	2.0 oz/a	PRE	A		103	25.0	23.0	0.0	14.100	13.8	3879.0	
							202	24.0	22.2	10.0	13.950	13.7	3837.7	
							303	22.0	21.4	0.0	14.700	14.4	4044.1	
							404	23.0	22.4	0.0	15.000	14.7	4126.6	
							Mean =	23.5	22.3	2.5	14.438	14.1	3971.8	
4	TRICOR	4 F	4.0 oz/a	PRE	A		104	24.0	23.8	0.0	14.850	14.6	4085.3	
							203	21.0	22.0	5.0	16.500	16.2	4539.2	
							304	22.0	22.2	0.0	14.250	14.0	3920.3	
							402	27.0	23.8	10.0	14.700	14.4	4044.1	
							Mean =	23.5	23.0	3.8	15.075	14.8	4147.2	
5	TRICOR	4 F	8.0 oz/a	PRE	A		105	22.0	22.6	0.0	14.550	14.3	4002.8	
							204	24.0	21.8	5.0	14.250	14.0	3920.3	
							302	26.0	22.0	5.0	13.650	13.4	3755.2	
							405	22.0	21.8	0.0	14.250	14.0	3920.3	
							Mean =	23.5	22.1	2.5	14.175	13.9	3899.6	

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'BAILEY II' PEANUT TOLERANCE TO LOW RATES OF TRICOR 4F (METRIBUZIN)			
Trial ID:	PE-04-24	Study Dir.:	RICHARD ROYAL
Location:	PONDER FARM	Investigator:	Eric P. Prostko
<u>ARM Action Codes</u> T1 = ([C9]+[C10]+[C11]+[C12]+[C13])/5 T2 = ([C15]+[C16]+[C17]+[C18]+[C19])/5 T3 = [22]*0.98 TY4 = 280.72*[23]			