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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	_____	_____	_____	_____	_____	_____
Operating Pressure:	40	_____	_____	_____	_____	_____	_____
Nozzle Type:	FLAT FAN	_____	_____	_____	_____	_____	_____
Nozzle Size:	11002DG	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN	_____	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN	_____	_____	_____	_____	_____
Boom Height, Unit:	_____	_____	_____	_____	_____	_____	_____
Ground Speed, Unit:	_____	_____	_____	_____	_____	_____	_____
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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PECAN RESPONSE TO SIMULATED 2,4-D CHOLINE/DICAMBA-BAPMA DRIFT TEST 3 - YEAR 1 (WHITE FLAGS)												
Trial ID:		PECAN-04-17			Study Dir.:			LENNY WELLS				
Location:		PONDER FARM			Investigator:			Eric P. Prostko				
Weed Code	Crop Code	----- PECAN TREE -	----- PECAN LEAF -	----- PECAN LEAF -	----- PECAN	----- PECAN	----- PECAN	----- PECAN	----- PECAN	----- PECAN		
Part Rated	Rating Data Type	INJURY PERCENT	BURN PERCENT	BURN PERCENT	NUTS #N	NUTS #S	NUTS #E	NUTS #W	NUTS #/TREE	YIELD LBS/TREE		
Rating Unit	Rating Date	Jun-9-17	Jun-29-17	Aug-23-17	Oct-13-17	Oct-13-17	Oct-13-17	Oct-13-17	Oct-13-17	Oct-13-17		
Trt-Eval Interval	PRM Data Type	22 DA-A	42 DA-A	97 DA-A	148 DA-A	148 DA-A	148 DA-A	148 DA-A	148 DA-A	148 DA-A		
# Subsamples, Dec.									T1 - 1	- 1		
Trt No.	Treatment Name	Form Conc	Form Type	1	2	3	4	5	6	7	8	9
1	ENGENIA 1% V/V	5 SL		26.7 b	13.3 b	23.3 b	15.0 a	25.7 a	20.3 a	24.3 a	2133.3 a	49.6 a
2	ENGENIA 0.1% V/V	5 SL		5.0 cd	3.3 d	0.0 d	10.7 a	42.3 a	17.0 a	22.0 a	2300.0 a	49.9 a
3	ENGENIA 0.01% V/V	5 SL		1.7 d	1.7 d	0.0 d	18.0 a	31.7 a	15.7 a	18.0 a	2083.3 a	46.2 a
4	2,4-D CHOLINE 1% V/V	3.8 SL		40.0 a	28.3 a	40.0 a	12.0 a	27.0 a	20.0 a	27.3 a	2158.3 a	47.0 a
5	2,4-D CHOLINE 0.1% V/V	3.8 SL		11.7 c	8.3 c	5.0 c	15.0 a	23.7 a	14.7 a	26.3 a	1991.7 a	46.4 a
6	2,4-D CHOLINE 0.01% V/V	3.8 SL		3.3 d	3.3 d	0.0 d	15.0 a	27.0 a	20.3 a	26.0 a	2208.3 a	50.7 a
7	NTC			0.0 d	0.0 d	0.0 d	14.7 a	36.7 a	16.3 a	22.0 a	2241.7 a	51.2 a
LSD P=.10		6.74	4.15	4.49	10.69	18.90	15.02	9.70	1082.97	25.29		
Standard Deviation		4.63	2.85	3.09	7.34	12.99	10.32	6.67	744.19	17.38		
CV		36.68	34.23	31.61	51.24	42.49	58.1	28.11	34.46	35.69		
Grand Mean		12.62	8.33	9.76	14.33	30.57	17.76	23.71	2159.52	48.70		
Bartlett's X2		2.486	0.0	0.04	2.222	1.912	6.568	4.971	3.373	4.155		
P(Bartlett's X2)		0.647	.	0.842	0.898	0.928	0.363	0.548	0.761	0.656		
Replicate F		0.222	0.146	0.125	0.409	1.395	0.148	2.801	1.122	0.927		
Replicate Prob(F)		0.8040	0.8654	0.8836	0.6734	0.2852	0.8640	0.1004	0.3575	0.4222		
Treatment F		32.000	36.195	78.875	0.313	0.812	0.164	0.721	0.057	0.045		
Treatment Prob(F)		0.0001	0.0001	0.0001	0.9180	0.5805	0.9819	0.6407	0.9989	0.9995		

Means followed by same letter or symbol do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Weed Code		-----
Crop Code		PECAN
Part Rated		
Rating Data Type		KERNEL
Rating Unit		PERCENT
Rating Date		Oct-13-17
Trt-Eval Interval		148 DA-A
PRM Data Type		
# Subsamples, Dec.		- 1
Trt No.	Treatment Name	Form Conc Type
		10
1	ENGENIA 1% V/V	5 SL
2	ENGENIA 0.1% V/V	5 SL
3	ENGENIA 0.01% V/V	5 SL
4	2,4-D CHOLINE 1% V/V	3.8 SL
5	2,4-D CHOLINE 0.1% V/V	3.8 SL
6	2,4-D CHOLINE 0.01% V/V	3.8 SL
7	NTC	
LSD P=.10		1.48
Standard Deviation		1.02
CV		2.03
Grand Mean		50.16
Bartlett's X2		3.325
P(Bartlett's X2)		0.767
Replicate F		0.882
Replicate Prob(F)		0.4391
Treatment F		0.667
Treatment Prob(F)		0.6781

Means followed by same letter or symbol do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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PECAN RESPONSE TO SIMULATED 2,4-D CHOLINE/DICAMBA-BAPMA DRIFT

TEST 3 - YEAR 1 (WHITE FLAGS)

Trial ID:	PECAN-04-17	Study Dir.:	LENNY WELLS
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Part Rated

LEAF = LEAF / FOLIAGE

PRM Data Type

T1 = ([4]+[5]+[6]+[7])*25

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PECAN RESPONSE TO SIMULATED 2,4-D CHOLINE/DICAMBA-BAPMA DRIFT																	
TEST 3 - YEAR 1 (WHITE FLAGS)																	
Trial ID:		PECAN-04-17		Study Dir.:		LENNY WELLS											
Location:		PONDER FARM		Investigator:		Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	PRM Data Type	# Subsamples, Dec.	----- PECAN TREE - INJURY PERCENT Jun-9-17 22 DA-A	----- PECAN LEAF - BURN PERCENT Jun-29-17 42 DA-A	----- PECAN LEAF - BURN PERCENT Aug-23-17 97 DA-A	----- PECAN NUTS #N Oct-13-17 148 DA-A	----- PECAN NUTS #S Oct-13-17 148 DA-A	----- PECAN NUTS #E Oct-13-17 148 DA-A	----- PECAN NUTS #W Oct-13-17 148 DA-A	----- PECAN NUTS #/TREE Oct-13-17 148 DA-A T1 - 1	----- PECAN YIELD LBS/TREE Oct-13-17 148 DA-A - 1
Trt	Treatment	Form	Form	No.	Name	Conc	Type	Plot	1	2	3	4	5	6	7	8	9
1	ENGENIA	5	SL	101					25.0	15.0	30.0	6.0	12.0	10.0	18.0	1150.0	27.6
	1% V/V			204					25.0	10.0	20.0	18.0	39.0	38.0	32.0	3175.0	73.3
				304					30.0	15.0	20.0	21.0	26.0	13.0	23.0	2075.0	47.8
				Mean =					26.7	13.3	23.3	15.0	25.7	20.3	24.3	2133.3	49.6
2	ENGENIA	5	SL	102					5.0	5.0	0.0	9.0	30.0	16.0	21.0	1900.0	44.3
	0.1% V/V			207					10.0	5.0	0.0	15.0	34.0	22.0	20.0	2275.0	48.1
				301					0.0	0.0	0.0	8.0	63.0	13.0	25.0	2725.0	57.4
				Mean =					5.0	3.3	0.0	10.7	42.3	17.0	22.0	2300.0	49.9
3	ENGENIA	5	SL	103					5.0	5.0	0.0	27.0	36.0	15.0	23.0	2525.0	57.2
	0.01% V/V			205					0.0	0.0	0.0	18.0	40.0	21.0	16.0	2375.0	53.4
				306					0.0	0.0	0.0	9.0	19.0	11.0	15.0	1350.0	27.9
				Mean =					1.7	1.7	0.0	18.0	31.7	15.7	18.0	2083.3	46.2
4	2,4-D CHOLINE	3.8	SL	104					40.0	25.0	40.0	3.0	29.0	19.0	17.0	1700.0	34.5
	1% V/V			203					40.0	30.0	40.0	12.0	11.0	7.0	23.0	1325.0	30.4
				302					40.0	30.0	40.0	21.0	41.0	34.0	42.0	3450.0	76.2
				Mean =					40.0	28.3	40.0	12.0	27.0	20.0	27.3	2158.3	47.0
5	2,4-D CHOLINE	3.8	SL	105					10.0	10.0	0.0	21.0	25.0	25.0	25.0	2400.0	59.0
	0.1% V/V			206					20.0	10.0	10.0	10.0	17.0	2.0	21.0	1250.0	27.2
				307					5.0	5.0	5.0	14.0	29.0	17.0	33.0	2325.0	52.9
				Mean =					11.7	8.3	5.0	15.0	23.7	14.7	26.3	1991.7	46.4
6	2,4-D CHOLINE	3.8	SL	106					0.0	0.0	0.0	13.0	25.0	19.0	23.0	2000.0	41.6
	0.01% V/V			202					0.0	5.0	0.0	12.0	16.0	18.0	19.0	1625.0	40.4
				303					10.0	5.0	0.0	20.0	40.0	24.0	36.0	3000.0	70.0
				Mean =					3.3	3.3	0.0	15.0	27.0	20.3	26.0	2208.3	50.7
7	NTC			107					0.0	0.0	0.0	7.0	49.0	10.0	24.0	2250.0	49.2
				201					0.0	0.0	0.0	22.0	21.0	16.0	16.0	1875.0	44.5
				305					0.0	0.0	0.0	15.0	40.0	23.0	26.0	2600.0	59.8
				Mean =					0.0	0.0	0.0	14.7	36.7	16.3	22.0	2241.7	51.2

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Weed Code				-----
Crop Code				PECAN
Part Rated				
Rating Data Type				KERNEL
Rating Unit				PERCENT
Rating Date				Oct-13-17
Trt-Eval Interval				148 DA-A
PRM Data Type				
# Subsamples, Dec.				- 1
Trt Treatment	Form	Form		
No. Name	Conc	Type	Plot	10
1 ENGENIA	5 SL		101	48.9
1% V/V			204	50.6
			304	48.7
			Mean =	49.4
2 ENGENIA	5 SL		102	50.8
0.1% V/V			207	50.3
			301	51.5
			Mean =	50.9
3 ENGENIA	5 SL		103	51.6
0.01% V/V			205	50.3
			306	48.8
			Mean =	50.2
4 2,4-D CHOLINE	3.8 SL		104	49.0
1% V/V			203	50.4
			302	51.0
			Mean =	50.1
5 2,4-D CHOLINE	3.8 SL		105	49.7
0.1% V/V			206	50.5
			307	50.0
			Mean =	50.1
6 2,4-D CHOLINE	3.8 SL		106	48.5
0.01% V/V			202	49.8
			303	51.2
			Mean =	49.8
7 NTC			107	49.9
			201	51.5
			305	50.4
			Mean =	50.6

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PECAN RESPONSE TO SIMULATED 2,4-D CHOLINE/DICAMBA-BAPMA DRIFT

TEST 3 - YEAR 1 (WHITE FLAGS)

Trial ID:	PECAN-04-17	Study Dir.:	LENNY WELLS
Location:	PONDER FARM	Investigator:	Eric P. Prostko

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LEAF = LEAF / FOLIAGE

PRM Data Type

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