Chemical name
PC Code
MRID
Guideline No.
LOQ

Reviewer calculated flux and concentration:

Test
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Dicamba DGA and S-metolachlor
128931 and 108800
50958208
Nonguideline
1.0 ng/PUF

Desired Temperature °C	Desired RH %	Actual Average Temperature °C	Actual Average RH %	Test Substance	Measured Mass* (ng)
					1
				Tank Mix 1	1
				pH 5.09	1
					27
				Tank Mix 2	28
				pH 4.69	30
					1.3
				Tank Mix 3	1.1
				pH 5.35	1.2
					0
15	20	16.6	20.4	Tank Mix 4	0
		14.4-18.5	17.9-27.7	pH 5.04	0
				PUF Tube	0.63
				Blanks**	0.47
					0.98
				Dosed	3
				Soil Blank**	1.1
				pH 5.10	1.8
				Undosed	0.31
				Soil Blanks**	0.67
					0.52
				Duplicate	0.6
				PUF 1	0.74
				pH 5.09	0.66
				Duplicate	1.4
				PUF 2	1.1
				pH 5.09	2.9
					1
				Tank Mix 1	1.5
				pH 5.09	1
					64

Reviewer Blank Corrected Mass (ng)	Sample Duration (min)	Flow (SLPM)	Study Repot Calculated Concentration (ng/L) x 10^{-4}	Reviewer Calculated Concentration (ng/L) x 10^{-4}	Reviewer Calculated Flux (Col E) (ng/m^2-min) x 10^{-2}	Reviewer Calculated Flux (Col F) (ng/m^2-min) x 10^{-2}	Study Report Calculated Flux (ng/m^2-min) x 10^{-2}
1	1440	1.7457	4.1	4	0.54	0.54	0.55
1	1440	1.7732	4.0	4	0.54	0.54	0.55
1	1440	1.7733	4.0	4	0.54	0.54	0.55
27	1440	1.7810	106	105	14.53	14.53	14.4
28	1440	1.7627	111	110	15.07	15.07	15.2
30	1440	1.7500	120	119	16.15	16.15	16.2
1.3	1440	1.7650	5.0	5	0.70	0.70	0.68
1.1	1440	1.7727	4.2	4	0.59	0.59	0.58
1.2	1440	1.7669	4.9	5	0.65	0.65	0.67
1	1440	1.7902	0	0	0.00	0.54	0
1	1440	1.7471	0	0	0.00	0.54	0
1	1440	1.7630	0	0	0.00	0.54	0
1	1440				0.34	0.54	
1	1440				0.25	0.54	
1	1440				0.53	0.54	
3	1440				1.61	1.61	
1.1	1440				0.59	0.59	
1.8	1440				0.97	0.97	
1	1440	1.7752		1	0.17	0.54	
1	1440	1.7749		3	0.36	0.54	
1	1440	1.7886		2	0.28	0.54	
1	1440	1.1620	0	4	0.32	0.54	
1	1440	1.2500	0	4	0.40	0.54	
1	1440	1.0065	0	5	0.36	0.54	
1.4	1440	1.0161	9.4	10	0.75	0.75	
1.1	1440	1.0106	7.4	8	0.59	0.59	
2.9	1440	1.0198	20	20	1.56	1.56	
1	1440	1.8363	3.9	4	0.54	0.54	0.52
1.5	1440	1.8138	5.7	6	0.81	0.81	0.80
1	1440	1.8246	3.9	4	0.54	0.54	0.55
64	1440	1.8372	242	242	34.45	34.45	34

Conversion of data to µg and µg/m^2-s:

Measured Mass* (µg)	Study Repot Calculated Concentration (µg/m^3) x 10^{-4}	Reviewer Calculated Concentration (µg/m^3) x 10^{-4}	Sample Duration (hr)	Flux (Col K) (µg/m^2-s)
0.0010	4.1	4	24.00	8.97E-06
0.0010	4.0	4	24.00	8.97E-06
0.0010	4.0	4	24.00	8.97E-06
0.0270	106	105	24.00	2.42E-04
0.0280	111	110	24.00	2.51E-04
0.0300	120	119	24.00	2.69E-04
0.0013	5.0	5	24.00	1.17E-05
0.0011	4.2	4	24.00	9.87E-06
0.0012	4.9	5	24.00	1.08E-05
0.0000	0	0	24.00	0.00E+00
0.0000	0	0	24.00	0.00E+00
0.0000	0	0	24.00	0.00E+00
0.0006	0	0	24.00	5.65E-06
0.0005	0	0	24.00	4.22E-06
0.0010	0	0	24.00	8.79E-06
0.0030	0	0	24.00	2.69E-05
0.0011	0	0	24.00	9.87E-06
0.0018	0	0	24.00	1.61E-05
0.0003	0	1	24.00	2.78E-06
0.0007	0	3	24.00	6.01E-06
0.0005	0	2	24.00	4.67E-06
0.0006	0	4	24.00	5.38E-06
0.0007	0	4	24.00	6.64E-06
0.0007	0	5	24.00	5.92E-06
0.0014	9.4	10	24.00	1.26E-05
0.0011	7.4	8	24.00	9.87E-06
0.0029	20	20	24.00	2.60E-05
0.0010	3.9	4	24.00	8.97E-06
0.0015	5.7	6	24.00	1.35E-05
0.0010	3.9	4	24.00	8.97E-06
0.0640	242	242	24.00	5.74E-04

Corrected Flux (Col L) (µg/m^2-s)	Study Repot Flux (Col M) (µg/m^2-s)	Flow (m^3/s)	Concentration ng/m3	Flux ng/m2-s
8.97E-06	**9.17E-08**	**2.91E-05**	0.40	8.97E-05
8.97E-06	**9.17E-08**	**2.96E-05**	0.39	8.97E-05
8.97E-06	**9.17E-08**	**2.96E-05**	0.39	8.97E-05
2.42E-04	**2.40E-06**	**2.97E-05**	10.53	2.42E-03
2.51E-04	**2.53E-06**	**2.94E-05**	11.03	2.51E-03
2.69E-04	**2.70E-06**	**2.92E-05**	11.90	2.69E-03
1.17E-05	**1.13E-07**	**2.94E-05**	0.51	1.17E-04
9.87E-06	**9.67E-08**	**2.95E-05**	0.43	9.87E-05
1.08E-05	**1.12E-07**	**2.94E-05**	0.47	1.08E-04
8.97E-06	**0.00E+00**	**2.98E-05**	0.00	#######
8.97E-06	**0.00E+00**	**2.91E-05**	0.00	#######
8.97E-06	**0.00E+00**	**2.94E-05**	0.00	#######
8.97E-06				
8.97E-06				
8.97E-06				
2.69E-05				
9.87E-06				
1.61E-05				
8.97E-06		**2.96E-05**	0.12	2.78E-05
8.97E-06		**2.96E-05**	0.26	6.01E-05
8.97E-06		**2.98E-05**	0.20	4.67E-05
8.97E-06		**1.94E-05**	0.36	5.38E-05
8.97E-06		**2.08E-05**	0.41	6.64E-05
8.97E-06		**1.68E-05**	0.46	5.92E-05
1.26E-05		**1.69E-05**	0.96	1.26E-04
9.87E-06		**1.68E-05**	0.76	9.87E-05
2.60E-05		**1.70E-05**	1.97	2.60E-04
8.97E-06	**8.67E-08**	**3.06E-05**	0.38	8.97E-05
1.35E-05	**1.33E-07**	**3.02E-05**	0.57	1.35E-04
8.97E-06	**9.17E-08**	**3.04E-05**	0.38	8.97E-05
5.74E-04	**5.67E-06**	**3.06E-05**	24.19	5.74E-03

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				Tank Mix 2	142
				pH 4.7	193
					1.3
				Tank Mix 3	1.8
				pH 5.36	1.8
					1
				Tank Mix 4	1.3
				pH 5.04	2.7
				PUF Tube	0.67
25	20	26.5	18.8	Blanks**	0
		24.1-28.5	16.7-24.3		0
				Dosed	0.69
				Soil Blank**	0
				pH 5.10	0
				Undosed	0.94
				Soil Blanks**	2.1
					0.99
				Duplicate	2.2
				PUF 1	1.8
				pH 5.09	1.6
				Duplicate	2.3
				PUF 2	1.1
				pH 5.09	1.9
					3.3
				Tank Mix 1	7.6
				pH 5.09	15
					703
				Tank Mix 2	542
				pH 4.7	602
					9
				Tank Mix 3	28
				pH 5.35	18
					16
				Tank Mix 4	11
				pH 5.05	7.6
				PUF Tube	0
35	20	36.1	19.2	Blanks**	0
		34.3-37.9	16.9-21.5		0
				Dosed	0
				Soil Blank**	0
				pH 5.11	0
				Undosed	0
				Soil Blanks**	0

142	1440	1.8237	541	541	76.44	76.44	76
193	1440	1.8245	736	735	103.90	103.90	104
1.3	1440	1.8303	4.9	5	0.70	0.70	0.70
1.8	1440	1.8409	6.7	7	0.97	0.97	0.96
1.8	1440	1.8158	6.9	7	0.97	0.97	0.97
1	1440	1.8159	3.9	4	0.54	0.54	0.55
1.3	1440	1.8424	4.7	5	0.70	0.70	0.67
2.7	1440	1.8261	10	10	1.45	1.45	1.5
1	1440				0.36	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.37	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440	1.8378		4	0.51	0.54	
2.1	1440	1.8403		8	1.13	1.13	
1	1440	1.8303		4	0.53	0.54	
2.2	1440	1.0474	15	15	1.18	1.18	
1.8	1440	1.0409	12	12	0.97	0.97	
1.6	1440	1.0449	11	11	0.86	0.86	
2.3	1440	1.0443	16	15	1.24	1.24	
1.1	1440	1.0513	7.4	7	0.59	0.59	
1.9	1440	1.0437	13	13	1.02	1.02	
3.3	1440	1.8572	12	12	1.78	1.78	1.8
7.6	1440	1.8444	29	29	4.09	4.09	4.1
15	1440	1.8402	58	57	8.07	8.07	8.3
703	1440	1.8390	2650	2655	378.45	378.45	378
542	1440	1.8493	2040	2035	291.77	291.77	292
602	1440	1.8514	2260	2258	324.07	324.07	324
9	1440	1.8232	34	34	4.84	4.84	4.8
28	1440	1.8477	106	105	15.07	15.07	15
18	1440	1.8269	68	68	9.69	9.69	9.6
16	1440	1.8462	60	60	8.61	8.61	8.6
11	1440	1.8711	42	41	5.92	5.92	6.1
7.6	1440	1.8432	29	29	4.09	4.09	4.1
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440	1.8585		0	0.00	0.54	
1	1440	1.8503		0	0.00	0.54	

0.1420	**541**	541	24.00	1.27E-03
0.1930	**736**	735	24.00	1.73E-03
0.0013	**4.9**	5	24.00	1.17E-05
0.0018	**6.7**	7	24.00	1.61E-05
0.0018	**6.9**	7	24.00	1.61E-05
0.0010	**3.9**	4	24.00	8.97E-06
0.0013	**4.7**	5	24.00	1.17E-05
0.0027	**10**	10	24.00	2.42E-05
0.0007	**0**	0	24.00	6.01E-06
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0007	**0**	0	24.00	6.19E-06
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0009	**0**	4	24.00	8.43E-06
0.0021	**0**	8	24.00	1.88E-05
0.0010	**0**	4	24.00	8.88E-06
0.0022	**15**	15	24.00	1.97E-05
0.0018	**12**	12	24.00	1.61E-05
0.0016	**11**	11	24.00	1.44E-05
0.0023	**16**	15	24.00	2.06E-05
0.0011	**7.4**	7	24.00	9.87E-06
0.0019	**13**	13	24.00	1.70E-05
0.0033	**12**	12	24.00	2.96E-05
0.0076	**29**	29	24.00	6.82E-05
0.0150	**58**	57	24.00	1.35E-04
0.7030	**2650**	2655	24.00	6.31E-03
0.5420	**2040**	2035	24.00	4.86E-03
0.6020	**2260**	2258	24.00	5.40E-03
0.0090	**34**	34	24.00	8.07E-05
0.0280	**106**	105	24.00	2.51E-04
0.0180	**68**	68	24.00	1.61E-04
0.0160	**60**	60	24.00	1.44E-04
0.0110	**42**	41	24.00	9.87E-05
0.0076	**29**	29	24.00	6.82E-05
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00

1.27E-03	**1.27E-05**	**3.04E-05**	54.07	1.27E-02
1.73E-03	**1.73E-05**	**3.04E-05**	73.46	1.73E-02
1.17E-05	**1.17E-07**	**3.05E-05**	0.49	1.17E-04
1.61E-05	**1.60E-07**	**3.07E-05**	0.68	1.61E-04
1.61E-05	**1.62E-07**	**3.03E-05**	0.69	1.61E-04
8.97E-06	**9.17E-08**	**3.03E-05**	0.38	8.97E-05
1.17E-05	**1.12E-07**	**3.07E-05**	0.49	1.17E-04
2.42E-05	**2.50E-07**	**3.04E-05**	1.03	2.42E-04
8.97E-06				
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8.97E-06				
8.97E-06				
8.97E-06		**3.06E-05**	0.36	8.43E-05
1.88E-05		**3.07E-05**	0.79	1.88E-04
8.97E-06		**3.05E-05**	0.38	8.88E-05
1.97E-05		**1.75E-05**	1.46	1.97E-04
1.61E-05		**1.73E-05**	1.20	1.61E-04
1.44E-05		**1.74E-05**	1.06	1.44E-04
2.06E-05		**1.74E-05**	1.53	2.06E-04
9.87E-06		**1.75E-05**	0.73	9.87E-05
1.70E-05		**1.74E-05**	1.26	1.70E-04
2.96E-05	**3.00E-07**	**3.10E-05**	1.23	2.96E-04
6.82E-05	**6.83E-07**	**3.07E-05**	2.86	6.82E-04
1.35E-04	**1.38E-06**	**3.07E-05**	5.66	1.35E-03
6.31E-03	**6.30E-05**	**3.07E-05**	265.47	6.31E-02
4.86E-03	**4.87E-05**	**3.08E-05**	203.53	4.86E-02
5.40E-03	**5.40E-05**	**3.09E-05**	225.81	5.40E-02
8.07E-05	**8.00E-07**	**3.04E-05**	3.43	8.07E-04
2.51E-04	**2.50E-06**	**3.08E-05**	10.52	2.51E-03
1.61E-04	**1.60E-06**	**3.04E-05**	6.84	1.61E-03
1.44E-04	**1.43E-06**	**3.08E-05**	6.02	1.44E-03
9.87E-05	**1.02E-06**	**3.12E-05**	4.08	9.87E-04
6.82E-05	**6.83E-07**	**3.07E-05**	2.86	6.82E-04
8.97E-06				
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8.97E-06				
8.97E-06				
8.97E-06		**3.10E-05**	0.00	#######
8.97E-06		**3.08E-05**	0.00	#######

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					0
				Duplicate	6.7
				PUF 1	5.5
				pH 5.09	14
				Duplicate	7.4
				PUF 2	5.9
				pH 5.09	20
					1.2
				Tank Mix 1	1.6
				pH 5.08	1.9
					35
				Tank Mix 2	33
				pH 4.7	26
					2.7
				Tank Mix 3	5.1
				pH 5.35	2
					1.3
				Tank Mix 4	1
				pH 5.05	1.5
				PUF Tube	0
15	40	16.8	39.9	Blanks**	0.36
		14.5-19.1	34.5-47.0		0
				Dosed	0.33
				Soil Blank**	0
				pH 5.09	0
				Undosed	0
				Soil Blanks**	0.36
					0
				Duplicate	1.6
				PUF 1	2.2
				pH 5.09	1.5
				Duplicate	1.4
				PUF 2	1.9
				pH 5.09	1.9
					3.3
				Tank Mix 1	7.3
				pH 5.08	6.4
					1280
				Tank Mix 2	653
				pH 4.7	571
					7.6
				Tank Mix 3	6.4
				pH 5.34	5.4

1	1440	1.8438		0	0.00	0.54	
6.7	1440	1.0617	44	44	3.61	3.61	
5.5	1440	1.0584	36	36	2.96	2.96	
14	1440	1.0528	93	92	7.54	7.54	
7.4	1440	1.0587	48	49	3.98	3.98	
5.9	1440	1.0669	39	38	3.18	3.18	
20	1440	1.0503	134	132	10.77	10.77	
1.2	1440	1.8020	4.8	5	0.65	0.65	0.67
1.6	1440	1.8177	6.0	6	0.86	0.86	0.84
1.9	1440	1.7979	7.5	7	1.02	1.02	1.0
35	1440	1.7758	136	137	18.84	18.84	19
33	1440	1.7628	129	130	17.76	17.76	18
26	1440	1.7944	102	101	14.00	14.00	14
2.7	1440	1.7734	11	11	1.45	1.45	1.4
5.1	1440	1.7655	20	20	2.75	2.75	2.8
2	1440	1.7611	4.9	8	1.08	1.08	1.1
1.3	1440	1.7675	5.1	5	0.70	0.70	0.70
1	1440	1.7932	4.0	4	0.54	0.54	0.56
1.5	1440	1.7689	5.9	6	0.81	0.81	0.80
1	1440				0.00	0.54	
1	1440				0.19	0.54	
1	1440				0.00	0.54	
1	1440				0.18	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440	1.7874		0	0.00	0.54	
1	1440	1.7645		1	0.19	0.54	
1	1440	1.7854		0	0.00	0.54	
1.6	1440	1.0252	11	11	0.86	0.86	
2.2	1440	1.0274	15	15	1.18	1.18	
1.5	1440	1.0160	11	10	0.81	0.81	
1.4	1440	1.0150	9.6	10	0.75	0.75	
1.9	1440	1.0189	13	13	1.02	1.02	
1.9	1440	1.0189	13	13	1.02	1.02	
3.3	1440	1.8076	13	13	1.78	1.78	1.8
7.3	1440	1.8072	28	28	3.93	3.93	3.9
6.4	1440	1.8063	25	25	3.45	3.45	3.4
1280	1440	1.8051	4940	4924	689.06	689.06	691
653	1440	1.8261	2480	2483	351.53	351.53	352
571	1440	1.7887	2220	2217	307.39	307.39	307
7.6	1440	1.7807	29	30	4.09	4.09	4.1
6.4	1440	1.7979	25	25	3.45	3.45	3.4
5.4	1440	1.8331	20	20	2.91	2.91	2.9

0.0000	**0**	0	24.00	0.00E+00
0.0067	**44**	44	24.00	6.01E-05
0.0055	**36**	36	24.00	4.93E-05
0.0140	**93**	92	24.00	1.26E-04
0.0074	**48**	49	24.00	6.64E-05
0.0059	**39**	38	24.00	5.29E-05
0.0200	**134**	132	24.00	1.79E-04
0.0012	**4.8**	5	24.00	1.08E-05
0.0016	**6.0**	6	24.00	1.44E-05
0.0019	**7.5**	7	24.00	1.70E-05
0.0350	**136**	137	24.00	3.14E-04
0.0330	**129**	130	24.00	2.96E-04
0.0260	**102**	101	24.00	2.33E-04
0.0027	**11**	11	24.00	2.42E-05
0.0051	**20**	20	24.00	4.58E-05
0.0020	**4.9**	8	24.00	1.79E-05
0.0013	**5.1**	5	24.00	1.17E-05
0.0010	**4.0**	4	24.00	8.97E-06
0.0015	**5.9**	6	24.00	1.35E-05
0.0000	**0**	0	24.00	0.00E+00
0.0004	**0**	0	24.00	3.23E-06
0.0000	**0**	0	24.00	0.00E+00
0.0003	**0**	0	24.00	2.96E-06
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0004	**0**	1	24.00	3.23E-06
0.0000	**0**	0	24.00	0.00E+00
0.0016	**11**	11	24.00	1.44E-05
0.0022	**15**	15	24.00	1.97E-05
0.0015	**11**	10	24.00	1.35E-05
0.0014	**9.6**	10	24.00	1.26E-05
0.0019	**13**	13	24.00	1.70E-05
0.0019	**13**	13	24.00	1.70E-05
0.0033	**13**	13	24.00	2.96E-05
0.0073	**28**	28	24.00	6.55E-05
0.0064	**25**	25	24.00	5.74E-05
1.2800	**4940**	4924	24.00	1.15E-02
0.6530	**2480**	2483	24.00	5.86E-03
0.5710	**2220**	2217	24.00	5.12E-03
0.0076	**29**	30	24.00	6.82E-05
0.0064	**25**	25	24.00	5.74E-05
0.0054	**20**	20	24.00	4.84E-05

8.97E-06		3.07E-05	0.00	#######
6.01E-05		1.77E-05	4.38	6.01E-04
4.93E-05		1.76E-05	3.61	4.93E-04
1.26E-04		1.75E-05	9.23	1.26E-03
6.64E-05		1.76E-05	4.85	6.64E-04
5.29E-05		1.78E-05	3.84	5.29E-04
1.79E-04		1.75E-05	13.22	1.79E-03
1.08E-05	1.12E-07	3.00E-05	0.46	1.08E-04
1.44E-05	1.40E-07	3.03E-05	0.61	1.44E-04
1.70E-05	1.67E-07	3.00E-05	0.73	1.70E-04
3.14E-04	3.17E-06	2.96E-05	13.69	3.14E-03
2.96E-04	3.00E-06	2.94E-05	13.00	2.96E-03
2.33E-04	2.33E-06	2.99E-05	10.06	2.33E-03
2.42E-05	2.33E-07	2.96E-05	1.06	2.42E-04
4.58E-05	4.67E-07	2.94E-05	2.01	4.58E-04
1.79E-05	1.83E-07	2.94E-05	0.79	1.79E-04
1.17E-05	1.17E-07	2.95E-05	0.51	1.17E-04
8.97E-06	9.33E-08	2.99E-05	0.39	8.97E-05
1.35E-05	1.33E-07	2.95E-05	0.59	1.35E-04
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06		2.98E-05	0.00	#######
8.97E-06		2.94E-05	0.14	3.23E-05
8.97E-06		2.98E-05	0.00	#######
1.44E-05		1.71E-05	1.08	1.44E-04
1.97E-05		1.71E-05	1.49	1.97E-04
1.35E-05		1.69E-05	1.03	1.35E-04
1.26E-05		1.69E-05	0.96	1.26E-04
1.70E-05		1.70E-05	1.29	1.70E-04
1.70E-05		1.70E-05	1.29	1.70E-04
2.96E-05	3.00E-07	3.01E-05	1.27	2.96E-04
6.55E-05	6.50E-07	3.01E-05	2.81	6.55E-04
5.74E-05	5.67E-07	3.01E-05	2.46	5.74E-04
1.15E-02	1.15E-04	3.01E-05	492.43	1.15E-01
5.86E-03	5.87E-05	3.04E-05	248.33	5.86E-02
5.12E-03	5.12E-05	2.98E-05	221.68	5.12E-02
6.82E-05	6.83E-07	2.97E-05	2.96	6.82E-04
5.74E-05	5.67E-07	3.00E-05	2.47	5.74E-04
4.84E-05	4.83E-07	3.06E-05	2.05	4.84E-04

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					8.5
				Tank Mix 4	6.8
				pH 5.04	3.2
				PUF Tube	0
25	40	26.4	37.5	Blanks**	0
		24.6-27.7	34.9-40.7		0
				Dosed	0.87
				Soil Blank**	0.58
				pH 5.1	0.89
				Undosed	0
				Soil Blanks**	0
					0
				Duplicate	9.7
				PUF 1	4.9
				pH 5.09	4.2
				Duplicate	4.3
				PUF 2	4
				pH 5.09	2.7
					20
				Tank Mix 1	15
				pH 5.07	6
					947
				Tank Mix 2	1370
				pH 4.7	955
					6.5
				Tank Mix 3	6.1
				pH 5.36	5.3
					9.8
				Tank Mix 4	9
				pH 5.04	8.4
				PUF Tube	0
35	40	36.8	37.9	Blanks**	0
		34.9-38.2	35.5-42.2		0
				Dosed	0
				Soil Blank**	0.95
				pH 5.08	0
				Undosed	0.41
				Soil Blanks**	0.6
					0.45
				Duplicate	4
				PUF 1	5.5
				pH 5.08	2.7
				Duplicate	4.6

8.5	1440	1.8169	32	32	4.58	4.58	4.6
6.8	1440	1.8083	26	26	3.66	3.66	3.7
3.2	1440	1.8126	12	12	1.72	1.72	1.7
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.47	0.54	
1	1440				0.31	0.54	
1	1440				0.48	0.54	
1	1440	1.8186		0	0.00	0.54	
1	1440	1.8031		0	0.00	0.54	
1	1440	1.8108		0	0.00	0.54	
9.7	1440	1.0303	65	65	5.22	5.22	
4.9	1440	1.0344	33	33	2.64	2.64	
4.2	1440	1.0367	28	28	2.26	2.26	
4.3	1440	1.0303	29	29	2.31	2.31	
4	1440	1.0319	27	27	2.15	2.15	
2.7	1440	1.0453	18	18	1.45	1.45	
20	1440	1.8427	74	75	10.77	10.77	11
15	1440	1.8411	57	57	8.07	8.07	8.1
6	1440	1.8569	22	22	3.23	3.23	3.2
947	1440	1.8690	3520	3519	509.80	509.80	509
1370	1440	1.8523	5130	5136	737.51	737.51	736
955	1440	1.8332	3620	3618	514.10	514.10	514
6.5	1440	1.8556	25	24	3.50	3.50	3.5
6.1	1440	1.8387	23	23	3.28	3.28	3.3
5.3	1440	1.8482	20	20	2.85	2.85	2.9
9.8	1440	1.8453	37	37	5.28	5.28	5.3
9	1440	1.8588	33	34	4.84	4.84	4.8
8.4	1440	1.8496	32	32	4.52	4.52	4.5
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.51	0.54	
1	1440				0.00	0.54	
1	1440	1.8313		2	0.22	0.54	
1	1440	1.8636		2	0.32	0.54	
1	1440	1.8336		2	0.24	0.54	
4	1440	1.0515	26	26	2.15	2.15	
5.5	1440	1.0562	36	36	2.96	2.96	
2.7	1440	1.0596	18	18	1.45	1.45	
4.6	1440	1.0617	30	30	2.48	2.48	

0.0085	**32**	32	24.00	7.63E-05
0.0068	**26**	26	24.00	6.10E-05
0.0032	**12**	12	24.00	2.87E-05
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0009	**0**	0	24.00	7.81E-06
0.0006	**0**	0	24.00	5.20E-06
0.0009	**0**	0	24.00	7.99E-06
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0097	**65**	65	24.00	8.70E-05
0.0049	**33**	33	24.00	4.40E-05
0.0042	**28**	28	24.00	3.77E-05
0.0043	**29**	29	24.00	3.86E-05
0.0040	**27**	27	24.00	3.59E-05
0.0027	**18**	18	24.00	2.42E-05
0.0200	**74**	75	24.00	1.79E-04
0.0150	**57**	57	24.00	1.35E-04
0.0060	**22**	22	24.00	5.38E-05
0.9470	**3520**	3519	24.00	8.50E-03
1.3700	**5130**	5136	24.00	1.23E-02
0.9550	**3620**	3618	24.00	8.57E-03
0.0065	**25**	24	24.00	5.83E-05
0.0061	**23**	23	24.00	5.47E-05
0.0053	**20**	20	24.00	4.76E-05
0.0098	**37**	37	24.00	8.79E-05
0.0090	**33**	34	24.00	8.07E-05
0.0084	**32**	32	24.00	7.54E-05
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0010	**0**	0	24.00	8.52E-06
0.0000	**0**	0	24.00	0.00E+00
0.0004	**0**	2	24.00	3.68E-06
0.0006	**0**	2	24.00	5.38E-06
0.0005	**0**	2	24.00	4.04E-06
0.0040	**26**	26	24.00	3.59E-05
0.0055	**36**	36	24.00	4.93E-05
0.0027	**18**	18	24.00	2.42E-05
0.0046	**30**	30	24.00	4.13E-05

7.63E-05	**7.67E-07**	**3.03E-05**	3.25	7.63E-04
6.10E-05	**6.17E-07**	**3.01E-05**	2.61	6.10E-04
2.87E-05	**2.83E-07**	**3.02E-05**	1.23	2.87E-04
8.97E-06				
8.97E-06				
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8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06		**3.03E-05**	0.00	#######
8.97E-06		**3.01E-05**	0.00	#######
8.97E-06		**3.02E-05**	0.00	#######
8.70E-05		**1.72E-05**	6.54	8.70E-04
4.40E-05		**1.72E-05**	3.29	4.40E-04
3.77E-05		**1.73E-05**	2.81	3.77E-04
3.86E-05		**1.72E-05**	2.90	3.86E-04
3.59E-05		**1.72E-05**	2.69	3.59E-04
2.42E-05		**1.74E-05**	1.79	2.42E-04
1.79E-04	**1.83E-06**	**3.07E-05**	7.54	1.79E-03
1.35E-04	**1.35E-06**	**3.07E-05**	5.66	1.35E-03
5.38E-05	**5.33E-07**	**3.09E-05**	2.24	5.38E-04
8.50E-03	**8.48E-05**	**3.12E-05**	351.87	8.50E-02
1.23E-02	**1.23E-04**	**3.09E-05**	513.63	1.23E-01
8.57E-03	**8.57E-05**	**3.06E-05**	361.77	8.57E-02
5.83E-05	**5.83E-07**	**3.09E-05**	2.43	5.83E-04
5.47E-05	**5.50E-07**	**3.06E-05**	2.30	5.47E-04
4.76E-05	**4.83E-07**	**3.08E-05**	1.99	4.76E-04
8.79E-05	**8.83E-07**	**3.08E-05**	3.69	8.79E-04
8.07E-05	**8.00E-07**	**3.10E-05**	3.36	8.07E-04
7.54E-05	**7.50E-07**	**3.08E-05**	3.15	7.54E-04
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06		**3.05E-05**	0.16	3.68E-05
8.97E-06		**3.11E-05**	0.22	5.38E-05
8.97E-06		**3.06E-05**	0.17	4.04E-05
3.59E-05		**1.75E-05**	2.64	3.59E-04
4.93E-05		**1.76E-05**	3.62	4.93E-04
2.42E-05		**1.77E-05**	1.77	2.42E-04
4.13E-05		**1.77E-05**	3.01	4.13E-04

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				PUF 2	5.5
				pH 5.08	3.5
					2.9
				Tank Mix 1	2.5
				pH 5.08	2.5
					63
				Tank Mix 2	29
				pH 4.7	49
					1.6
				Tank Mix 3	1.6
				pH 5.35	1.4
					2.2
				Tank Mix 4	2
				pH 5.05	1.8
				PUF Tube	0.36
15	60	16.8	61	Blanks**	0
		14.8-18.6	52.9-69.7		0
				Dosed	0.68
				Soil Blank**	0.3
				pH 5.08	0.52
				Undosed	0.62
				Soil Blanks**	0
					0.46
				Duplicate	0.65
				PUF 1	0
				pH 5.08	0
				Duplicate	0
				PUF 2	0.43
				pH 5.08	0
					1
				Tank Mix 1	1.9
				pH 5.08	4.7
					153
				Tank Mix 2	161
				pH 4.69	161
					2.8
				Tank Mix 3	4
				pH 5.35	2.3
					1.6
				Tank Mix 4	2.5
				pH 5.02	3
				PUF Tube	0.41
25	60	26.4	59.2	Blanks**	1.6

5.5	1440	1.0568	36	36	2.96	2.96	
3.5	1440	1.0573	23	23	1.88	1.88	
2.9	1440	1.7585	11	11	1.56	1.56	1.5
2.5	1440	1.7602	9.7	10	1.35	1.35	1.3
2.5	1440	1.7576	9.9	10	1.35	1.35	1.3
63	1440	1.7512	250	250	33.91	33.91	34
29	1440	1.7678	115	114	15.61	15.61	16
49	1440	1.7508	496	194	26.38	26.38	27
1.6	1440	1.7556	6.1	6	0.86	0.86	0.83
1.6	1440	1.7416	6.5	6	0.86	0.86	0.87
1.4	1440	1.7424	5.7	6	0.75	0.75	0.77
2.2	1440	1.7470	8.9	9	1.18	1.18	1.2
2	1440	1.7479	8.0	8	1.08	1.08	1.1
1.8	1440	1.7396	7.4	7	0.97	0.97	0.99
1	1440				0.19	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.37	0.54	
1	1440				0.16	0.54	
1	1440				0.28	0.54	
1	1440	1.7430		2	0.33	0.54	
1	1440	1.7678		0	0.00	0.54	
1	1440	1.7443		2	0.25	0.54	
1	1440	0.9977	0	5	0.35	0.54	
1	1440	1.0025	0	0	0.00	0.54	
1	1440	0.9964	0	0	0.00	0.54	
1	1440	1.0017	0	0	0.00	0.54	
1	1440	1.0085	0	3	0.23	0.54	
1	1440	0.9970	0	0	0.00	0.54	
1	1440	1.7977	3.9	4	0.54	0.54	0.55
1.9	1440	1.8087	7.5	7	1.02	1.02	1.0
4.7	1440	1.7897	18	18	2.53	2.53	2.5
153	1440	1.8062	587	588	82.36	82.36	82
161	1440	1.7796	627	628	86.67	86.67	86
161	1440	1.8036	619	620	86.67	86.67	87
2.8	1440	1.7889	11	11	1.51	1.51	1.5
4	1440	1.8056	16	15	2.15	2.15	2.2
2.3	1440	1.8241	8.9	9	1.24	1.24	1.3
1.6	1440	1.8015	6.1	6	0.86	0.86	0.86
2.5	1440	1.7905	9.7	10	1.35	1.35	1.3
3	1440	1.7963	11	12	1.61	1.61	1.6
1	1440				0.22	0.54	
1.6	1440				0.86	0.86	

0.0055	36	36	24.00	4.93E-05
0.0035	23	23	24.00	3.14E-05
0.0029	11	11	24.00	2.60E-05
0.0025	9.7	10	24.00	2.24E-05
0.0025	9.9	10	24.00	2.24E-05
0.0630	250	250	24.00	5.65E-04
0.0290	115	114	24.00	2.60E-04
0.0490	496	194	24.00	4.40E-04
0.0016	6.1	6	24.00	1.44E-05
0.0016	6.5	6	24.00	1.44E-05
0.0014	5.7	6	24.00	1.26E-05
0.0022	8.9	9	24.00	1.97E-05
0.0020	8.0	8	24.00	1.79E-05
0.0018	7.4	7	24.00	1.61E-05
0.0004	0	0	24.00	3.23E-06
0.0000	0	0	24.00	0.00E+00
0.0000	0	0	24.00	0.00E+00
0.0007	0	0	24.00	6.10E-06
0.0003	0	0	24.00	2.69E-06
0.0005	0	0	24.00	4.67E-06
0.0006	0	2	24.00	5.56E-06
0.0000	0	0	24.00	0.00E+00
0.0005	0	2	24.00	4.13E-06
0.0007	0	5	24.00	5.83E-06
0.0000	0	0	24.00	0.00E+00
0.0000	0	0	24.00	0.00E+00
0.0000	0	0	24.00	0.00E+00
0.0004	0	3	24.00	3.86E-06
0.0000	0	0	24.00	0.00E+00
0.0010	3.9	4	24.00	8.97E-06
0.0019	7.5	7	24.00	1.70E-05
0.0047	18	18	24.00	4.22E-05
0.1530	587	588	24.00	1.37E-03
0.1610	627	628	24.00	1.44E-03
0.1610	619	620	24.00	1.44E-03
0.0028	11	11	24.00	2.51E-05
0.0040	16	15	24.00	3.59E-05
0.0023	8.9	9	24.00	2.06E-05
0.0016	6.1	6	24.00	1.44E-05
0.0025	9.7	10	24.00	2.24E-05
0.0030	11	12	24.00	2.69E-05
0.0004	0	0	24.00	3.68E-06
0.0016	0	0	24.00	1.44E-05

4.93E-05		**1.76E-05**	3.61	4.93E-04
3.14E-05		**1.76E-05**	2.30	3.14E-04
2.60E-05	**2.50E-07**	**2.93E-05**	1.15	2.60E-04
2.24E-05	**2.17E-07**	**2.93E-05**	0.99	2.24E-04
2.24E-05	**2.17E-07**	**2.93E-05**	0.99	2.24E-04
5.65E-04	**5.67E-06**	**2.92E-05**	24.98	5.65E-03
2.60E-04	**2.67E-06**	**2.95E-05**	11.39	2.60E-03
4.40E-04	**4.50E-06**	**2.92E-05**	19.44	4.40E-03
1.44E-05	**1.38E-07**	**2.93E-05**	0.63	1.44E-04
1.44E-05	**1.45E-07**	**2.90E-05**	0.64	1.44E-04
1.26E-05	**1.28E-07**	**2.90E-05**	0.56	1.26E-04
1.97E-05	**2.00E-07**	**2.91E-05**	0.87	1.97E-04
1.79E-05	**1.83E-07**	**2.91E-05**	0.79	1.79E-04
1.61E-05	**1.65E-07**	**2.90E-05**	0.72	1.61E-04
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06				
8.97E-06		**2.91E-05**	0.25	5.56E-05
8.97E-06		**2.95E-05**	0.00	#######
8.97E-06		**2.91E-05**	0.18	4.13E-05
8.97E-06		**1.66E-05**	0.45	5.83E-05
8.97E-06		**1.67E-05**	0.00	#######
8.97E-06		**1.66E-05**	0.00	#######
8.97E-06		**1.67E-05**	0.00	#######
8.97E-06		**1.68E-05**	0.30	3.86E-05
8.97E-06		**1.66E-05**	0.00	#######
8.97E-06	**9.17E-08**	**3.00E-05**	0.39	8.97E-05
1.70E-05	**1.67E-07**	**3.01E-05**	0.73	1.70E-04
4.22E-05	**4.17E-07**	**2.98E-05**	1.82	4.22E-04
1.37E-03	**1.37E-05**	**3.01E-05**	58.83	1.37E-02
1.44E-03	**1.43E-05**	**2.97E-05**	62.83	1.44E-02
1.44E-03	**1.45E-05**	**3.01E-05**	61.99	1.44E-02
2.51E-05	**2.50E-07**	**2.98E-05**	1.09	2.51E-04
3.59E-05	**3.67E-07**	**3.01E-05**	1.54	3.59E-04
2.06E-05	**2.17E-07**	**3.04E-05**	0.88	2.06E-04
1.44E-05	**1.43E-07**	**3.00E-05**	0.62	1.44E-04
2.24E-05	**2.17E-07**	**2.98E-05**	0.97	2.24E-04
2.69E-05	**2.67E-07**	**2.99E-05**	1.16	2.69E-04
8.97E-06				
1.44E-05				

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*Blank corrected mass not reported in the study report. Corrections for blanks incorporated into study report air concent
** Reviewer Blank Corrected Mass set to detection limit since reported mass was below the limit of detection. Corrected

		24.7-27.5	54.9-64.1		0
				Dosed	1
				Soil Blank**	1.2
				pH 5.07	3.5
				Undosed	1.3
				Soil Blanks**	0.65
					0.50
				Duplicate	2.1
				PUF 2	5.5
				pH 5.08	1.3
				Duplicate	1.8
				PUF 2	1.6
				pH 5.08	1.7
					2.8
				Tank Mix 1	2.4
				pH 5.08	2
					1360
				Tank Mix 2	562
				pH 4.7	1770
					3.9
				Tank Mix 3	3.1
				pH 5.35	2.8
					2
				Tank Mix 4	4.5
				pH 5.03	3.6
				PUF Tube	0
35	60	36.5	57.9	Blanks**	0
		34.8-38.1	54.9-62.2		0
				Dosed	3.1
				Soil Blank**	0
				pH 5.09	0.64
				Undosed	0
				Soil Blanks**	0
					0
				Duplicate	2
				PUF 2	2.1
				pH 5.08	1.8
				Duplicate	2.5
				PUF 2	1.12
				pH 5.08	2.8

:ration and volatility calculations.
Flux reported in Table 5 of DER.

1	1440				0.00	0.54	
1	1440				0.54	0.54	
1.2	1440				0.65	0.65	
3.5	1440				1.88	1.88	
1.3	1440	1.8089		5	0.70	0.70	
1	1440	1.7973		3	0.35	0.54	
1	1440	1.8065		2	0.27	0.54	
2.1	1440	1.0414	14	14	1.13	1.13	
5.5	1440	1.0274	37	37	2.96	2.96	
1.3	1440	1.0335	8.4	9	0.70	0.70	
1.8	1440	1.0305	12	12	0.97	0.97	
1.6	1440	1.0258	11	11	0.86	0.86	
1.7	1440	1.0297	11	11	0.92	0.92	
2.8	1440	1.8144	11	11	1.51	1.51	1.5
2.4	1440	1.8165	9.1	9	1.29	1.29	1.3
2	1440	1.7794	7.6	8	1.08	1.08	1.1
1360	1440	1.7918	5260	5271	732.13	732.13	731
562	1440	1.8079	2160	2159	302.54	302.54	302
1770	1440	1.8456	6660	6660	952.84	952.84	952
3.9	1440	1.8588	15	15	2.10	2.10	2.1
3.1	1440	1.8197	12	12	1.67	1.67	1.7
2.8	1440	1.8312	11	11	1.51	1.51	1.5
2	1440	1.8349	7.7	8	1.08	1.08	1.1
4.5	1440	1.8254	17	17	2.42	2.42	2.4
3.6	1440	1.8167	14	14	1.94	1.94	1.9
1	1440				0.00	0.54	
1	1440				0.00	0.54	
1	1440				0.00	0.54	
3.1	1440				1.67	1.67	
1	1440				0.00	0.54	
1	1440				0.34	0.54	
1	1440	1.8180		0	0.00	0.54	
1	1440	1.8211		0	0.00	0.54	
1	1440	1.7972		0	0.00	0.54	
2	1440	1.0325	14	13	1.08	1.08	
2.1	1440	1.0312	14	14	1.13	1.13	
1.8	1440	1.0307	12	12	0.97	0.97	
2.5	1440	1.0469	17	17	1.35	1.35	
1.12	1440	1.0272	8.4	8	0.60	0.60	
2.8	1440	1.0376	19	19	1.51	1.51	

0.0000	**0**	0	24.00	0.00E+00
0.0010	**0**	0	24.00	8.97E-06
0.0012	**0**	0	24.00	1.08E-05
0.0035	**0**	0	24.00	3.14E-05
0.0013	**0**	5	24.00	1.17E-05
0.0007	**0**	3	24.00	5.83E-06
0.0005	**0**	2	24.00	4.49E-06
0.0021	**14**	14	24.00	1.88E-05
0.0055	**37**	37	24.00	4.93E-05
0.0013	**8.4**	9	24.00	1.17E-05
0.0018	**12**	12	24.00	1.61E-05
0.0016	**11**	11	24.00	1.44E-05
0.0017	**11**	11	24.00	1.53E-05
0.0028	**11**	11	24.00	2.51E-05
0.0024	**9.1**	9	24.00	2.15E-05
0.0020	**7.6**	8	24.00	1.79E-05
1.3600	**5260**	5271	24.00	1.22E-02
0.5620	**2160**	2159	24.00	5.04E-03
1.7700	**6660**	6660	24.00	1.59E-02
0.0039	**15**	15	24.00	3.50E-05
0.0031	**12**	12	24.00	2.78E-05
0.0028	**11**	11	24.00	2.51E-05
0.0020	**7.7**	8	24.00	1.79E-05
0.0045	**17**	17	24.00	4.04E-05
0.0036	**14**	14	24.00	3.23E-05
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0031	**0**	0	24.00	2.78E-05
0.0000	**0**	0	24.00	0.00E+00
0.0006	**0**	0	24.00	5.74E-06
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0000	**0**	0	24.00	0.00E+00
0.0020	**14**	13	24.00	1.79E-05
0.0021	**14**	14	24.00	1.88E-05
0.0018	**12**	12	24.00	1.61E-05
0.0025	**17**	17	24.00	2.24E-05
0.0011	**8.4**	8	24.00	1.00E-05
0.0028	**19**	19	24.00	2.51E-05

8.97E-06				
8.97E-06				
1.08E-05				
3.14E-05				
1.17E-05		**3.01E-05**	0.50	1.17E-04
8.97E-06		**3.00E-05**	0.25	5.83E-05
8.97E-06		**3.01E-05**	0.19	4.49E-05
1.88E-05		**1.74E-05**	1.40	1.88E-04
4.93E-05		**1.71E-05**	3.72	4.93E-04
1.17E-05		**1.72E-05**	0.87	1.17E-04
1.61E-05		**1.72E-05**	1.21	1.61E-04
1.44E-05		**1.71E-05**	1.08	1.44E-04
1.53E-05		**1.72E-05**	1.15	1.53E-04
2.51E-05	**2.50E-07**	**3.02E-05**	1.07	2.51E-04
2.15E-05	**2.17E-07**	**3.03E-05**	0.92	2.15E-04
1.79E-05	**1.83E-07**	**2.97E-05**	0.78	1.79E-04
1.22E-02	**1.22E-04**	**2.99E-05**	527.09	1.22E-01
5.04E-03	**5.03E-05**	**3.01E-05**	215.87	5.04E-02
1.59E-02	**1.59E-04**	**3.08E-05**	666.00	1.59E-01
3.50E-05	**3.50E-07**	**3.10E-05**	1.46	3.50E-04
2.78E-05	**2.83E-07**	**3.03E-05**	1.18	2.78E-04
2.51E-05	**2.50E-07**	**3.05E-05**	1.06	2.51E-04
1.79E-05	**1.83E-07**	**3.06E-05**	0.76	1.79E-04
4.04E-05	**4.00E-07**	**3.04E-05**	1.71	4.04E-04
3.23E-05	**3.17E-07**	**3.03E-05**	1.38	3.23E-04
8.97E-06				
8.97E-06				
8.97E-06				
2.78E-05				
8.97E-06				
8.97E-06				
8.97E-06		**3.03E-05**	0.00	#######
8.97E-06		**3.04E-05**	0.00	#######
8.97E-06		**3.00E-05**	0.00	#######
1.79E-05		**1.72E-05**	1.35	1.79E-04
1.88E-05		**1.72E-05**	1.41	1.88E-04
1.61E-05		**1.72E-05**	1.21	1.61E-04
2.24E-05		**1.74E-05**	1.66	2.24E-04
1.00E-05		**1.71E-05**	0.76	1.00E-04
2.51E-05		**1.73E-05**	1.87	2.51E-04

Bolded values correspond to those reported in Table 5 of the DER.

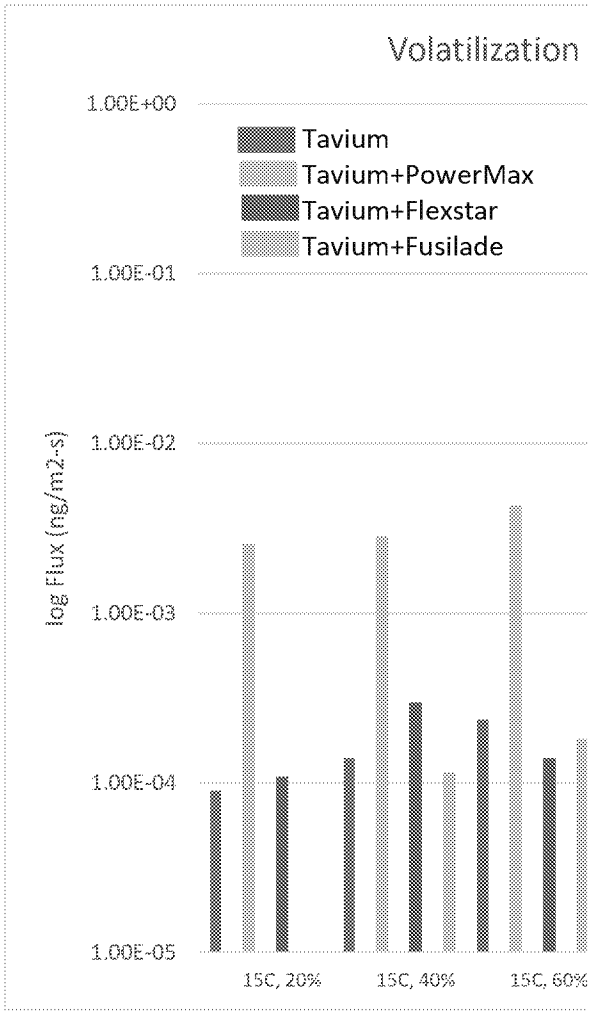
Tank Mix 1 Tavium and Intact

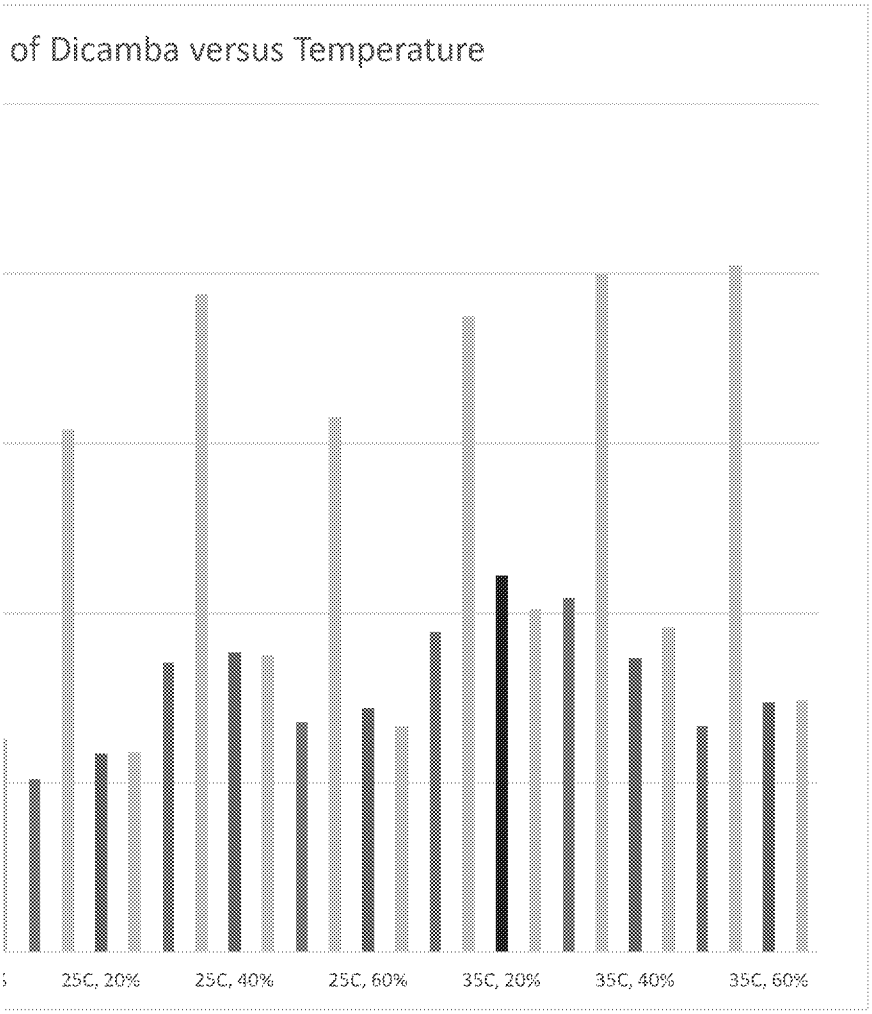
Measured mass obtained from Table 9, pp. 37-39, and Tables 11-14, p. 42-46, of the study report.
Flow obtained from Table 5, pp. 24-33, and Table 12, p. 43, of the study report.
Sample duration and LOQ are obtained from p. 8 of the study report.
Area of dosed soil (0.129 m^2) obtained from p. 16 of the study report.
Tank Mix pHs obtained from Table 5, pp. 24-33, of the study report.
Humidome environmental conditions obtained from Table 4, p. 23, of the study report.

Air concentration and volatillation flux are reported in Table 9, pp. 37-39, and Table 14, p. 45, of the study report.

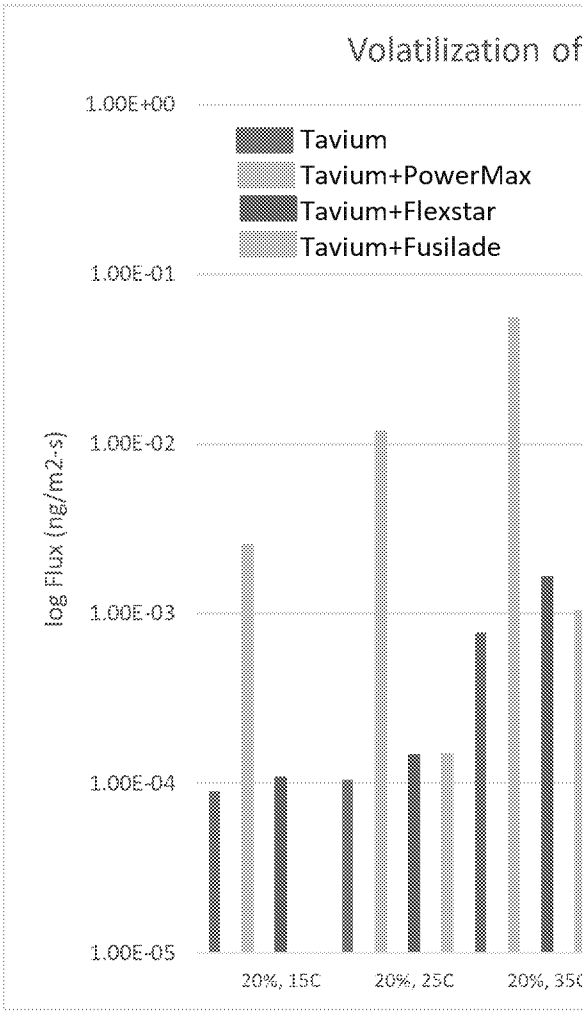
Tank Mix 2	Tank Mix 3	Tank Mix 4
Tavium, Round Up Power Max, and Intact	Tavium, Flexstar, and Intact	Tavium, Fusilade, and Intact

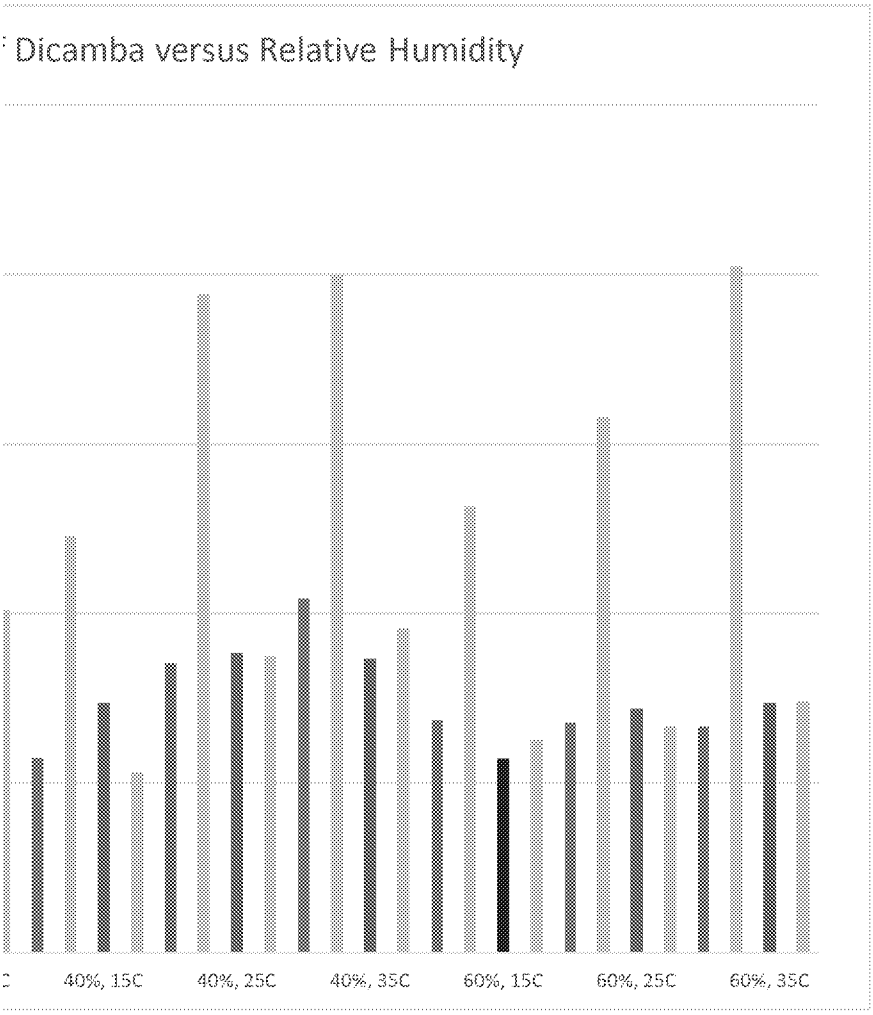
Temp	Flux (ng/m2-s)	Minus	Plus
	8.97E-05	0.00E+00	0.00E+00
	2.54E-03	1.20E-04	1.50E-04
15C, 20%	1.08E-04	8.97E-06	8.97E-06
	0.00E+00	0.00E+00	0.00E+00
	1.41E-04	3.29E-05	2.99E-05
	2.81E-03	4.79E-04	3.29E-04
15C, 40%	2.93E-04	1.14E-04	1.64E-04
	1.14E-04	2.39E-05	2.09E-05
	2.36E-04	1.20E-05	2.39E-05
	4.22E-03	1.61E-03	1.44E-03
15C, 60%	1.38E-04	1.20E-05	5.98E-06
	1.79E-04	1.79E-05	1.79E-05
	1.05E-04	1.50E-05	2.99E-05
	1.19E-02	6.19E-03	5.38E-03
25C, 20%	1.47E-04	2.99E-05	1.50E-05
	1.50E-04	5.98E-05	9.27E-05
	5.08E-04	2.12E-04	1.47E-04
	7.49E-02	2.37E-02	4.00E-02
25C, 40%	5.80E-04	9.57E-05	1.02E-04
	5.53E-04	2.66E-04	2.09E-04
	2.27E-04	1.38E-04	1.94E-04
	1.42E-02	4.79E-04	2.39E-04
25C, 60%	2.72E-04	6.58E-05	8.67E-05
	2.12E-04	6.88E-05	5.68E-05
	7.75E-04	4.79E-04	5.71E-04
	5.52E-02	6.61E-03	7.84E-03
35C, 20%	1.64E-03	8.37E-04	8.67E-04
	1.03E-03	3.53E-04	4.01E-04
	1.23E-03	6.88E-04	5.68E-04
	9.79E-02	1.29E-02	2.51E-02
35C, 40%	5.35E-04	5.98E-05	4.79E-05
	8.13E-04	5.98E-05	6.58E-05
	2.15E-04	3.59E-05	3.59E-05
	1.10E-01	6.00E-02	4.84E-02
35C, 60%	2.93E-04	4.19E-05	5.68E-05
	3.02E-04	1.23E-04	1.02E-04




of Dicamba versus Temperature
25C, 20%
25C, 40%
25C, 60%
35C, 20%
35C, 40%
35C, 60%

Temp	Flux (ng/m2-s)	Minus	Plus
	8.97E-05	0.00E+00	0.00E+00
	2.54E-03	1.20E-04	1.50E-04
20%, 15C	1.08E-04	8.97E-06	8.97E-06
	0.00E+00	0.00E+00	0.00E+00
	1.05E-04	1.50E-05	2.99E-05
	1.19E-02	6.19E-03	5.38E-03
20%, 25C	1.47E-04	2.99E-05	1.50E-05
	1.50E-04	5.98E-05	9.27E-05
	7.75E-04	4.79E-04	5.71E-04
	5.52E-02	6.61E-03	7.84E-03
20%, 35C	1.64E-03	8.37E-04	8.67E-04
	1.03E-03	3.53E-04	4.01E-04
	1.41E-04	3.29E-05	2.99E-05
	2.81E-03	4.79E-04	3.29E-04
40%, 15C	2.93E-04	1.14E-04	1.64E-04
	1.14E-04	2.39E-05	2.09E-05
	5.08E-04	2.12E-04	1.47E-04
	7.49E-02	2.37E-02	4.00E-02
40%, 25C	5.80E-04	9.57E-05	1.02E-04
	5.53E-04	2.66E-04	2.09E-04
	1.23E-03	6.88E-04	5.68E-04
	9.79E-02	1.29E-02	2.51E-02
40%, 35C	5.35E-04	5.98E-05	4.79E-05
	8.13E-04	5.98E-05	6.58E-05
	2.36E-04	1.20E-05	2.39E-05
	4.22E-03	1.61E-03	1.44E-03
60%, 15C	1.38E-04	1.20E-05	5.98E-06
	1.79E-04	1.79E-05	1.79E-05
	2.27E-04	1.38E-04	1.94E-04
	1.42E-02	4.79E-04	2.39E-04
60%, 25C	2.72E-04	6.58E-05	8.67E-05
	2.12E-04	6.88E-05	5.68E-05
	2.15E-04	3.59E-05	3.59E-05
	1.10E-01	6.00E-02	4.84E-02
60%, 35C	2.93E-04	4.19E-05	5.68E-05
	3.02E-04	1.23E-04	1.02E-04




Dicamba versus Relative Humidity
40%, 15C
40%, 25C
40%, 35C
60%, 15C
60%, 25C
60%, 35C