Chemical:
MRID:
PC Code:
Plot:
Guideline:

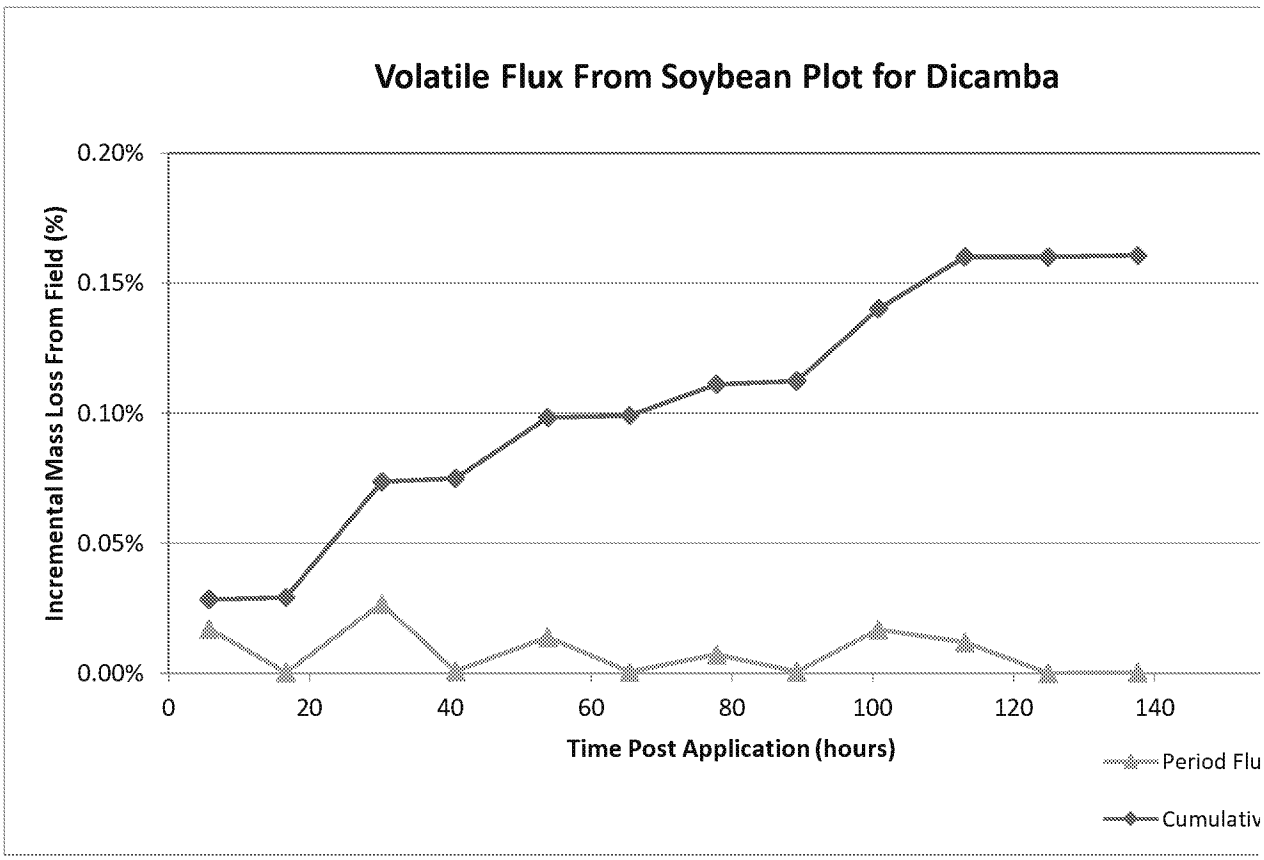
Application Rate (lbs. a.i./A)

Period
1
2
3
4
5
6
7
8
9
10
11
12
13
14

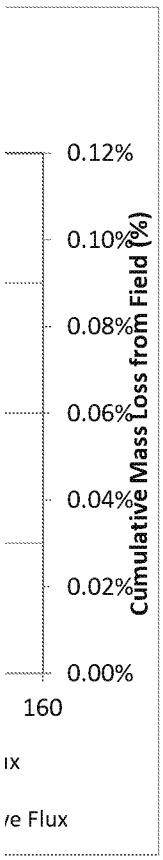
Dicamba
51049004
100094
Soybean
835.8100

0.5

Date/Time	Sampling Period (hrs.)	Time Post Application (hrs.)	Flux ($\mu g/m^2 \cdot s$)	Period % of Applied
8/7, 14:41 - 20:04	5.38	5.77	0.000492	0.00017
8/7-8, 19:23 - 7:00	11.62	16.70	0.000006	0.00000
8/8, 6:08 - 20:37	14.48	30.32	0.000288	0.00027
8/8-9, 19:33 - 7:02	11.48	40.73	0.000011	0.00001
8/9, 6:42 - 20:10	13.47	53.87	0.000162	0.00014
8/9-10, 19:19 - 7:45	12.43	65.45	0.000007	0.00001
8/10, 7:13 - 20:05	12.87	77.78	0.000087	0.00007
8/10-11, 19:14 - 7:28	12.23	89.17	0.000009	0.00001
8/11, 7:09 - 19:10	12.02	100.87	0.000217	0.00017
8/11-12, 18:34 - 7:24	12.83	113.10	0.000144	0.00012
8/12, 7:10 - 19:12	12.03	124.90	0.000000	0.00000
8/12-13, 18:40 - 7:56	13.27	137.63	0.000005	0.00000
8/13, 7:35 - 19:34	11.98	149.27	0.000000	0.00000
8/13-14, 18:59 - 7:17	12.30	172.98	0.000000	0.00000



Cumulative % of Applied	Reasoning
0.00017	Slope
0.00017	Slope
0.00044	Slope
0.00045	Slope
0.00059	Slope
0.00060	Slope
0.00067	Slope
0.00067	Slope
0.00084	Slope
0.00096	Slope
0.00096	Not estimated
0.00096	Ratio of averages
0.00096	Not estimated
0.00096	Not estimated



Date and time from Appendix D, Table 3, pp. 555-558 of the study report.
Reasoning from Appendix D, Table 6, p. 564 of the study report.
Sampling period and time post application calculated in accompanying spreadsheet 100094_51049004_DER-FATE_835.

8100_4-17-20_Calc.xlsx

Chemical:	Dicamba	Raw Air Conc.		
MRID:	51049004			Applicable for specific sampling methods
PC Code:	100094			
Plot:	Soybean			
Guideline:	835.8100			
	DICAMBA CONCENTRATION IN AIR TUBES (µg/m3)			

Time Period Following Application	Sample ID	Measured Concentration (ng)	Sample ID (Back-Half)	Measured Concentration (Back-Half) (µg)
0 - 6	A	0.00000	NA	0.000
	B	0.00000	NA	0.000
	C	0.00000	NA	0.000
	D	5.07180	NA	0.000
	E	3.11238	NA	0.000
	F	3.58196	NA	0.000
	G	0.00000	NA	0.000
	H	0.00000	NA	0.000
6-24	A	0.00000	NA	0.000
	B	0.76715	NA	0.000
	C	0.58027	NA	0.000
	D	0.98565	NA	0.000
	E	0.34405	NA	0.000
	F	0.00000	NA	0.000
	G	0.00000	NA	0.000
	H	0.00000	NA	0.000
24 - 36	A	0.00000	NA	0.000
	B	0.00000	NA	0.000
	C	0.00000	NA	0.000
	D	5.03067	NA	0.000
	E	4.84892	NA	0.000
	F	4.75841	NA	0.000
	G	0.29972	NA	0.000
	H	0.00000	NA	0.000
36-48	A	0.00000	NA	0.000
	B	0.32121	NA	0.000
	C	0.44528	NA	0.000
	D	0.85016	NA	0.000
	E	0.57389	NA	0.000
	F	0.63861	NA	0.000

				Raw Air Conc.			
Sample Collection Start Time (Local Time)	**Sample Collection Stop Time (Local Time)**	**Start Flow Rate (L/min)**	**End Flow Rate (L/min)**	**Sampling Duration (Minutes)**	**Measured Air Concentration (µg/m^3)**	**Measured Air Concentration (Back-Half) (µg/m^3)**	**Percent of Front-Half Concentration**
14:41	19:22	3.004	2.935	281	0.0000	0.0000	0.00%
14:47	19:32	3.003	3.103	285	0.0000	0.0000	0.00%
14:51	19:42	2.998	3.099	291	0.0000	0.0000	0.00%
14:44	19:53	2.993	2.973	309	0.0055	0.0000	0.00%
14:51	19:24	3.007	3.088	273	0.0037	0.0000	0.00%
14:47	19:40	2.998	3.010	293	0.0041	0.0000	0.00%
14:44	19:51	2.997	2.985	307	0.0000	0.0000	0.00%
14:42	20:04	2.997	3.032	322	0.0000	0.0000	0.00%
19:23	6:06	2.995	2.985	643	0.0000	0.0000	0.00%
19:32	6:14	3.023	2.962	642	0.0004	0.0000	0.00%
19:46	6:20	2.996	2.925	634	0.0003	0.0000	0.00%
19:54	6:29	2.980	2.956	635	0.0005	0.0000	0.00%
19:29	6:40	3.007	2.892	671	0.0002	0.0000	0.00%
19:43	6:48	3.012	2.984	665	0.0000	0.0000	0.00%
19:53	6:54	3.010	2.995	661	0.0000	0.0000	0.00%
20:05	7:00	3.016	2.973	655	0.0000	0.0000	0.00%
6:08	19:32	2.986	2.963	804	0.0000	0.0000	0.00%
6:15	20:37	2.960	2.970	862	0.0000	0.0000	0.00%
6:21	20:27	3.001	3.031	846	0.0000	0.0000	0.00%
6:30	20:18	3.020	3.025	828	0.0020	0.0000	0.00%
6:42	20:08	2.996	3.043	806	0.0020	0.0000	0.00%
6:49	20:01	2.990	2.990	792	0.0020	0.0000	0.00%
6:55	19:53	3.000	2.989	778	0.0001	0.0000	0.00%
7:02	19:42	2.999	3.099	760	0.0000	0.0000	0.00%
19:33	6:41	3.002	3.026	668	0.0000	0.0000	0.00%
20:36	6:49	2.971	2.982	613	0.0002	0.0000	0.00%
20:29	6:55	2.994	3.017	626	0.0002	0.0000	0.00%
20:19	7:02	2.996	3.050	643	0.0004	0.0000	0.00%
20:09	7:02	2.997	2.960	653	0.0003	0.0000	0.00%
20:02	6:57	2.992	2.963	655	0.0003	0.0000	0.00%

Measured Air Concentration (Total) ($\mu g/m^3$)
0.00000
0.00000
0.00000
0.00550
0.00374
0.00407
0.00000
0.00000
0.00000
0.00040
0.00031
0.00052
0.00017
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00201
0.00199
0.00201
0.00013
0.00000
0.00000
0.00018
0.00024
0.00044
0.00030
0.00033

	G	0.43090	NA	0.000
	H	0.38333	NA	0.000
48-60	A	0.00000	NA	0.000
	B	0.00000	NA	0.000
	C	0.00000	NA	0.000
	D	0.26787	NA	0.000
	E	0.00000	NA	0.000
	F	2.16086	NA	0.000
	G	1.92676	NA	0.000
	H	2.21513	NA	0.000
60-72	A	0.00000	NA	0.000
	B	0.29771	NA	0.000
	C	0.00000	NA	0.000
	D	0.21856	NA	0.000
	E	0.00000	NA	0.000
	F	0.70304	NA	0.000
	G	0.61708	NA	0.000
	H	0.59482	NA	0.000
72-84	A	0.72869	NA	0.000
	B	0.83800	NA	0.000
	C	0.00000	NA	0.000
	D	0.26789	NA	0.000
	E	0.00000	NA	0.000
	F	0.48797	NA	0.000
	G	0.42794	NA	0.000
	H	1.48629	NA	0.000
84-96	A	1.36009	NA	0.000
	B	1.08310	NA	0.000
	C	0.00000	NA	0.000
	D	0.00000	NA	0.000
	E	0.00000	NA	0.000
	F	0.00000	NA	0.000
	G	0.00000	NA	0.000
	H	0.93265	NA	0.000
96-108	A	0.00000	NA	0.000
	B	2.47636	NA	0.000
	C	2.35065	NA	0.000
	D	1.96486	NA	0.000
	E	0.00000	NA	0.000
	F	0.00000	NA	0.000
	G	0.00000	NA	0.000
	H	0.00000	NA	0.000
	A	0.00000	NA	0.000

19:56	6:51	2.992	2.953	655	0.0002	0.0000	0.00%
19:47	6:45	3.007	2.969	658	0.0002	0.0000	0.00%
6:42	19:17	3.011	2.963	755	0.0000	0.0000	0.00%
6:50	19:24	3.002	3.015	754	0.0000	0.0000	0.00%
6:56	19:32	3.026	3.024	756	0.0000	0.0000	0.00%
7:04	19:39	2.996	2.936	755	0.0001	0.0000	0.00%
7:04	19:48	2.969	3.027	764	0.0000	0.0000	0.00%
6:58	19:57	2.969	2.991	779	0.0009	0.0000	0.00%
6:52	20:04	2.962	2.980	792	0.0008	0.0000	0.00%
6:46	20:10	2.971	3.028	804	0.0009	0.0000	0.00%
19:19	7:14	2.976	2.994	715	0.0000	0.0000	0.00%
19:26	7:24	3.011	3.000	718	0.0001	0.0000	0.00%
19:34	7:34	3.020	3.011	720	0.0000	0.0000	0.00%
19:41	7:45	2.986	3.030	724	0.0001	0.0000	0.00%
19:50	7:12	3.024	2.988	682	0.0000	0.0000	0.00%
19:58	7:16	2.994	3.047	678	0.0003	0.0000	0.00%
20:05	7:23	2.985	2.985	678	0.0003	0.0000	0.00%
20:12	7:29	3.027	3.077	677	0.0003	0.0000	0.00%
7:19	19:13	3.002	3.108	714	0.0003	0.0000	0.00%
7:28	19:22	3.004	3.145	714	0.0004	0.0000	0.00%
7:39	19:30	3.015	3.097	711	0.0000	0.0000	0.00%
7:48	19:36	3.005	3.035	708	0.0001	0.0000	0.00%
7:13	19:43	2.998	3.083	750	0.0000	0.0000	0.00%
7:17	19:52	2.992	2.970	755	0.0002	0.0000	0.00%
7:23	19:57	3.002	3.064	754	0.0002	0.0000	0.00%
7:30	20:05	3.008	3.061	755	0.0006	0.0000	0.00%
19:14	7:08	3.006	3.070	714	0.0006	0.0000	0.00%
19:23	7:13	3.009	2.945	710	0.0005	0.0000	0.00%
19:31	7:19	2.997	2.996	708	0.0000	0.0000	0.00%
19:38	7:24	3.010	3.027	706	0.0000	0.0000	0.00%
19:45	7:28	3.004	2.878	703	0.0000	0.0000	0.00%
19:53	7:23	3.001	3.018	690	0.0000	0.0000	0.00%
19:58	7:18	2.986	2.971	680	0.0000	0.0000	0.00%
20:06	7:12	2.996	2.878	666	0.0005	0.0000	0.00%
7:09	18:33	3.000	2.846	684	0.0000	0.0000	0.00%
7:14	18:40	2.993	2.967	686	0.0012	0.0000	0.00%
7:20	18:45	2.998	2.942	685	0.0012	0.0000	0.00%
7:25	18:50	3.002	2.958	685	0.0010	0.0000	0.00%
7:29	18:56	2.989	3.048	687	0.0000	0.0000	0.00%
7:24	19:01	2.994	2.935	697	0.0000	0.0000	0.00%
7:20	19:05	2.995	3.022	705	0.0000	0.0000	0.00%
7:13	19:10	2.997	3.055	717	0.0000	0.0000	0.00%
18:34	7:09	2.992	3.022	755	0.0000	0.0000	0.00%

Raw Air Conc.
0.00022
0.00019
0.00000
0.00000
0.00000
0.00012
0.00000
0.00093
0.00082
0.00092
0.00000
0.00014
0.00000
0.00010
0.00000
0.00034
0.00030
0.00029
0.00033
0.00038
0.00000
0.00013
0.00000
0.00022
0.00019
0.00065
0.00063
0.00051
0.00000
0.00000
0.00000
0.00000
0.00000
0.00048
0.00000
0.00121
0.00116
0.00096
0.00000
0.00000
0.00000
0.00000
0.00000

108-120	B	0.75592	NA	0.000
	C	0.77060	NA	0.000
	D	0.18594	NA	0.000
	E	0.00000	NA	0.000
	F	0.00000	NA	0.000
	G	0.00000	NA	0.000
	H	0.00000	NA	0.000
120-132	A	0.00000	NA	0.000
	B	0.00000	NA	0.000
	C	0.00000	NA	0.000
	D	0.00000	NA	0.000
	E	0.00000	NA	0.000
	F	0.00000	NA	0.000
	G	0.00000	NA	0.000
	H	0.00000	NA	0.000
132-144	A	0.00000	NA	0.000
	B	0.00000	NA	0.000
	C	0.37940	NA	0.000
	D	0.00000	NA	0.000
	E	0.00000	NA	0.000
	F	0.00000	NA	0.000
	G	0.02314	NA	0.000
	H	0.00000	NA	0.000
144-156	A	0.00000	NA	0.000
	B	0.00000	NA	0.000
	C	0.00000	NA	0.000
	D	0.00000	NA	0.000
	E	0.00000	NA	0.000
	F	0.00000	NA	0.000
	G	0.00000	NA	0.000
	H	0.00000	NA	0.000
156-168	A	0.00000	NA	0.000
	B	0.00000	NA	0.000
	C	0.00000	NA	0.000
	D	0.00000	NA	0.000
	E	0.00000	NA	0.000
	F	0.00000	NA	0.000
	G	0.00000	NA	0.000
	H	0.00000	NA	0.000

Due to the afternoon application time, the study skipped the planned 6-12 hour sampling period and started with a single nominal 6 hour sampling peric

Measured concentrations from Appendix C, pp. 390-394 of the study report.

18:41	7:15	3.000	3.013	754	0.0003	0.0000	0.00%
18:46	7:20	2.998	2.994	754	0.0003	0.0000	0.00%
18:51	7:24	2.997	2.983	753	0.0001	0.0000	0.00%
18:57	7:23	2.991	2.923	746	0.0000	0.0000	0.00%
19:01	7:19	2.997	2.956	738	0.0000	0.0000	0.00%
19:06	7:15	3.018	2.956	729	0.0000	0.0000	0.00%
19:11	7:10	3.014	2.947	719	0.0000	0.0000	0.00%
7:10	19:12	3.007	3.023	722	0.0000	0.0000	0.00%
7:16	18:39	2.994	3.020	683	0.0000	0.0000	0.00%
7:21	18:44	2.998	3.066	683	0.0000	0.0000	0.00%
7:25	18:48	2.990	3.049	683	0.0000	0.0000	0.00%
7:23	18:52	2.993	3.108	689	0.0000	0.0000	0.00%
7:19	18:56	2.994	3.064	697	0.0000	0.0000	0.00%
7:16	19:02	2.992	3.086	706	0.0000	0.0000	0.00%
7:11	19:07	2.991	3.142	716	0.0000	0.0000	0.00%
19:12	7:38	3.010	2.982	746	0.0000	0.0000	0.00%
18:40	7:42	2.995	2.971	782	0.0000	0.0000	0.00%
18:44	7:50	2.993	2.862	786	0.0002	0.0000	0.00%
18:49	7:56	2.993	2.901	787	0.0000	0.0000	0.00%
18:53	7:53	2.993	2.922	780	0.0000	0.0000	0.00%
18:57	7:48	2.994	2.966	771	0.0000	0.0000	0.00%
19:02	7:42	2.998	2.917	760	0.0000	0.0000	0.00%
19:07	7:35	2.996	2.878	748	0.0000	0.0000	0.00%
7:39	18:58	3.005	2.974	679	0.0000	0.0000	0.00%
7:43	19:03	2.997	3.080	680	0.0000	0.0000	0.00%
7:53	19:08	3.004	3.076	675	0.0000	0.0000	0.00%
7:57	19:12	3.010	3.052	675	0.0000	0.0000	0.00%
7:54	19:19	2.993	3.123	685	0.0000	0.0000	0.00%
7:49	19:24	3.010	3.028	695	0.0000	0.0000	0.00%
7:43	19:29	3.007	3.137	706	0.0000	0.0000	0.00%
7:35	19:34	2.997	3.108	719	0.0000	0.0000	0.00%
18:59	7:08	3.007	3.174	729	0.0000	0.0000	0.00%
19:04	7:11	3.004	2.984	727	0.0000	0.0000	0.00%
19:08	7:14	3.013	2.956	726	0.0000	0.0000	0.00%
19:13	7:17	2.998	3.097	724	0.0000	0.0000	0.00%
19:20	7:17	3.000	2.892	717	0.0000	0.0000	0.00%
19:25	7:14	3.001	3.060	709	0.0000	0.0000	0.00%
19:30	7:12	2.998	2.902	702	0.0000	0.0000	0.00%
19:35	7:08	3.011	2.989	693	0.0000	0.0000	0.00%

Raw Air Conc.

d followed by a morning-evening schedule (Appendix B, p. 110 of the study report).

0.00033
0.00034
0.00008
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00016
0.00000
0.00000
0.00000
0.00001
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000

Sample start times, end times, and flow rates from Appendix B, pp. 215-217 of the study report.	

				Raw Air Conc.		

Chemical:	Dicamba
MRID:	51049004
PC Code:	100094
Plot:	Soybean
Guideline:	835.8100

Plot Soybean	
Sample Periods	6
Day	
Hours	
DTG	
Fortification Level (µg)	**Percer**
0	NA
0.003	92%
0.01	81%
0.06	89%

NA indicate not applicable.
Data from Appendix C, Table 8, p. 274 of the study report.

PUF Sample Results (ng/PUF; Appendix C, Table 8, p. 274 of the study report).

0	ND
0.003	2.77
0.01	8.14
0.03	26.8

Reviewer calculated percent recoveries.

0	NA
0.003	92%
0.01	81%
0.03	89%

6	6	12	12	12
nt Recovery (%)				
NA	NA	NA	NA	NA
91%	89%	89%	77%	102%
101%	87%	88%	93%	89%
101%	92%	91%	94%	95%

ND	ND	ND	ND	ND
2.72	2.67	2.68	2.32	3.07
10.1	8.67	8.81	9.3	8.93
30.4	27.6	27.4	28.2	28.4

NA	NA	NA	NA	NA
91%	89%	89%	77%	102%
101%	87%	88%	93%	89%
101%	92%	91%	94%	95%

Chemical: Dicamba
MRID: 51049004
PC Code: 100094
Plot: Soybean
Guideline: 835.8100

Plot soybean					
Sample Periods	1	2	3	4	5
Day	1	1 & 2	3	3 & 4	4
Hours	0 - 6	6 - 24	24 - 36	36 - 48	48 - 60
DTG	8/7, 14:41 - 20:04	8/7-8, 19:23 - 7:00	8/8, 6:08 - 20:37	8/8-9, 19:33 - 7:02	8/9, 6:42 - 20:10
Sampler					
A	0	0	0	0	0
B	0	0.000399311	0	0.000176045	0
C	0	0.000309155	0	0.000236669	0
D	0.005502378	0.00052298	0.002010153	0.000437373	0.000119621
E	0.003740987	0.00017384	0.001992393	0.000295065	0
F	0.004069614	0	0.002009396	0.000327448	0.000930835
G	0	0	0.000128651	0.000221316	0.000818841
H	0	0	0	0.000194969	0.000918532

Air Concentrations ($\mu g/m^3$)				
6	7	8	9	10
4 & 5	5	5 & 6	6	6 & 7
60 - 72	72 - 84	84 - 96	96 - 108	108 - 120
8/9-10, 19:19 - 7:45	8/10, 7:13 - 20:05	8/10-11, 19:14 - 7:28	8/11, 7:09 - 19:10	8/11-12, 18:34 - 7:24
0	0.000334067	0.00062702	0	0
0.00013796	0.000381743	0.000512426	0.00121136	0.00033346
0	0	0	0.001155423	0.000341127
0.000100359	0.00012529	0	0.000962553	8.2586E-05
0	0	0	0	0
0.000343298	0.000216812	0	0	0
0.000304907	0.000187128	0	0	0
0.000287881	0.000648738	0.000476805	0	0

11	12	13	14
7	7 & 8	8	8 & 9
120 - 132	132 - 144	144 - 156	156 - 168
8/12, 7:10 - 19:12	8/12-13, 18:40 - 7:56	8/13, 7:35 - 19:34	8/13-14, 18:59 - 7:17
0	0	0	0
0	0	0	0
0	0.000164884	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	1.0295E-05	0	0
0	0	0	0

Note: Measured air concentrations should be corrected for low field spike recoveries <90 percent.

Chemical:	Dicamba
MRID:	51049004
PC Code:	100094
Plot:	Soybean
Guideline:	835.8100

Plot Soybean

Sampler	1		Sampler	2		Sampler	3
	Model	Measured		Model	Measured		Model
A	0	0	A	0.004611	0	A	0
B	0.000025	0	B	0.054436	0.000399311	B	0.000007
C	0.000049	0	C	0.077912	0.000309155	C	0.000013
D	0.010665	0.005502378	D	0.057577	0.00052298	D	0.007253
E	0.009077	0.003740987	E	0.005813	0.00017384	E	0.007457
F	0.007112	0.004069614	F	0.001283	0	F	0.005732
G	0	0	G	0	0	H	0
H	0	0	H	0.001771	0		

	0.491878219	8.46025E-06	0.005695248	3.08569E-05	0.287746574
	0.031280291	0.00017371	0.001333091	5.25018E-05	0.019649366
	0.976309983	0.000390788	0.752595823	0.000113406	0.977215623
	247.2712449	6	18.25181364	6	214.4486147

	0.492801613	0	0.006201062	0	0.290317505
	0.023038489	#N/A	0.000969299	#N/A	0.013668323
	0.984931575	0.000361871	0.853946429	0.000107974	0.986875056
	457.5475695	7	40.92761967	7	451.1448203

slope	0.491878219	0.005695248	0.287746574
intercept	8.46025E-06	3.08569E-05	1.77245E-05
stderr (slope)	0.031280291	0.001333091	0.019649366
stderr (intercept)	0.00017371	5.25018E-05	8.82095E-05
DOF (slope w/ intercept)	6	6	5
slope w/ intercept sig?	Yes	Yes	Yes
intercept sig?	No	No	No
intercept < 25th %?	No	No	No
slope no intercept	0.492801613	0.006201062	0.290317505
stderr (slope no intercept)	0.023038489	0.000969299	0.013668323
DOF (slope no intercept)	7	7	6
slope no intercept sig?	Yes	Yes	Yes
flux	491.88	5.70	287.75
reasoning	Slope	Slope	Slope
ratio method	494.39	6.91	293.81

Modeled air concentrations from Appendix D, Table 5, pp. 560-563 of the study report.

Air Concentrations During Samp

3		4		5			6	
Measured		Model	Measured		Model	Measured		Model	Measured
0	A	0	0	A	0.000003	0	A	0.015501	0
0	B	0.009668	0.000176045	B	0	0	C	0.010572	0
0	C	0.019566	0.000236669	C	0	0	E	0.018389	0
0.002010153	D	0.037012	0.000437373	E	0.000005	0	F	0.056982	0.000343298
0.001992393	E	0.021907	0.000295065	F	0.004571	0.000930835	G	0.061107	0.000304907
0.002009396	F	0.028061	0.000327448	G	0.005582	0.000818841	H	0.063644	0.000287881
0	G	0.016885	0.000221316	H	0.005958	0.000918532			
	H	0.00941	0.000194969						

LINEST Excel Function Output

1.77245E-05	0.010644321	4.64967E-05	0.161681728	8.86587E-06	0.006644723	-9.44862E-05
8.82095E-05	0.001036775	2.16459E-05	0.013393888	4.73682E-05	0.000719438	3.17991E-05
0.000177123	0.946143076	3.19315E-05	0.966825121	9.51184E-05	0.95520895	4.0662E-05
5	105.4062877	6	145.7164514	5	85.30355442	4

LINEST Excel Function Output (

0	0.012544486	0	0.16331403	0	0.004821423	0
#N/A	0.000665851	#N/A	0.009312377	#N/A	0.000601592	#N/A
0.000162342	0.980659655	3.932E-05	0.980864734	8.71345E-05	0.927778199	6.51327E-05
6	354.9377029	7	307.5571761	6	64.23117256	5

CALDPR Flux Back-Calcul

0.010644321	0.161681728	0.006644723
4.64967E-05	8.86587E-06	-9.44862E-05
0.001036775	0.013393888	0.000719438
2.16459E-05	4.73682E-05	3.17991E-05
6	5	4
Yes	Yes	Yes
Yes	No	Yes
Yes	No	Yes
0.012544486	0.16331403	0.004821423
0.000665851	0.009312377	0.000601592
7	6	5
Yes	Yes	Yes
10.64	161.68	6.64
Slope	Slope	Slope
13.25	165.53	4.14

ling Periods (μg/m^3)

	7			8			9		
	Model	Measured		Model	Measured		Model	Measured	
A	0.003865	0.000334067	A	0.065195	0.00062702	A	0.000002	0	A
B	0.004588	0.000381743	B	0.073358	0.000512426	B	0.005112	0.00121136	B
C	0.000977	0	C	0.017285	0	C	0.005712	0.001155423	C
E	0.000306	0	D	0.005276	0	D	0.004416	0.000962553	E
F	0.001538	0.000216812	E	0	0	E	0	0	F
G	0.00134	0.000187128	F	0	0	F	0	0	G
H	0.007405	0.000648738	G	0	0	G	0	0	H
			H	0.034909	0.000476805	H	0.000002	0	

(Slope w/ Intercept)

0.086980928	3.88823E-06	0.008709127	-1.13672E-05	0.217398055	1.91508E-06
0.010162728	3.76415E-05	0.001382462	5.16739E-05	0.007684992	2.40364E-05
0.936104973	6.32867E-05	0.868670116	0.000110371	0.99255812	5.39118E-05
73.2533518	5	39.68647906	6	800.2478637	6

(Slope No Intercept)

0.087791483	0	0.008509768	0	0.217771085	0
0.005901722	#N/A	0.000970429	#N/A	0.00564506	#N/A
0.973601149	5.78342E-05	0.916564098	0.000102595	0.995318373	4.9939E-05
221.2826167	6	76.89673803	7	1488.206817	7

ation Summary

0.086980928	0.008709127	0.217398055
3.88823E-06	-1.13672E-05	1.91508E-06
0.010162728	0.001382462	0.007684992
3.76415E-05	5.16739E-05	2.40364E-05
5	6	6
Yes	Yes	Yes
No	Yes	No
Yes	Yes	No
0.087791483	0.008509768	0.217771085
0.005901722	0.000970429	0.00564506
6	7	7
Yes	Yes	Yes
86.98	8.71	217.40
Slope	Slope	Slope
88.34	8.25	218.40

10		11			12		13		
Model	Measured		Model	Measured		Model	Measured		Model	Measured
0.000001	0	A	0	0	A	0.000664	0	A	0	0
0.002304	0.00033346	B	0.003485	0	B	0.003163	0	B	0	0
0.002377	0.000341127	C	0.00444	0	C	0.00326	0.000164884	C	0	0
0	0	D	0.006283	0	D	0.008964	0	D	0.000604	0
0	0	E	0.000835	0	E	0.009956	0	E	0.000778	0
0	0	F	0.000213	0	F	0.009437	0	F	0.004954	0
0.000001	0	G	0	0	H	0.000936	0	G	0.004035	0
		H	0	0				H	0.002228	0

0.144122907	-4.87319E-08	0	0	-0.003149646	3.9924E-05	0	0
0.000323642	4.04941E-07	0	0	0.006631286	4.27177E-05	0	0
0.999974787	9.05365E-07	1	0	0.043171017	6.67785E-05	1	0
198306.695	5	#NUM!	6	0.225594219	5	#NUM!	6

0.144102082	0	0	0	0.001850449	0	0	0
0.000250026	#N/A	0	#N/A	0.003876587	#N/A	0	#N/A
0.999981938	8.27677E-07	1	0	0.036586168	6.60707E-05	1	0
332178.2666	6	#NUM!	7	0.227853289	6	#NUM!	7

0.144122907	0	-0.003149646	0
-4.87319E-08	0	3.9924E-05	0
0.000323642	0	0.006631286	0
4.04941E-07	0	4.27177E-05	0
5	6	5	6
Yes	Yes	No	Yes
Yes	Yes	No	Yes
Yes	No	No	No
0.144102082	0	0.001850449	0
0.000250026	0	0.003876587	0
6	7	6	7
Yes	Yes	No	Yes
144.12	0.00	4.53	0.00
Slope	Slope	Ratio of averages	Slope
144.05	0.00	4.53	0.00

	14	
	Model	Measured
A	0	0
B	0	0
C	0	0
D	0.01523	0
E	0.026148	0
F	0.033287	0
G	0.002486	0
H	0.000718	0

0	0
0	0
1	0
#NUM!	6

0	0
0	#N/A
1	0
#NUM!	7

0
0
0
0
6
Yes
Yes
No
0
0
7
Yes

0.00
Slope

0.00