Chemical:
MRID:
PC Code:
Plot:
Guideline:

Calculation of sampling period times
Application start time:
Area of field (acres):
Target application rate (lbs/A):
Actual application rate (lbs/A):

Indirect Method Sampling Periods

Period
1
2
3
4
5
6
7

Data from Table 13, p. 63 and Table 25, p. 79 of the study report.
Percent lost is based on duration from the start of each period to the start of the subsequent period to avoid double-cour
Percent lost is based on actual application rates for the indirect method (p. 46).

Central Mast (Integrated Horizontal Flux Method and Aerodynamic Method) Sampling Periods

Period
1
2
3
4
5
6
7

Data from Table 13, p. 63; Appendix H, p. 418; and Appendix I, p. 422 of the study report.
Percent lost is based on target application rates for the integrated horizontal flux and aerodynamic methods (p. 48).

Dicamba DGA
51134103
128931
Treatment 1
835.8100

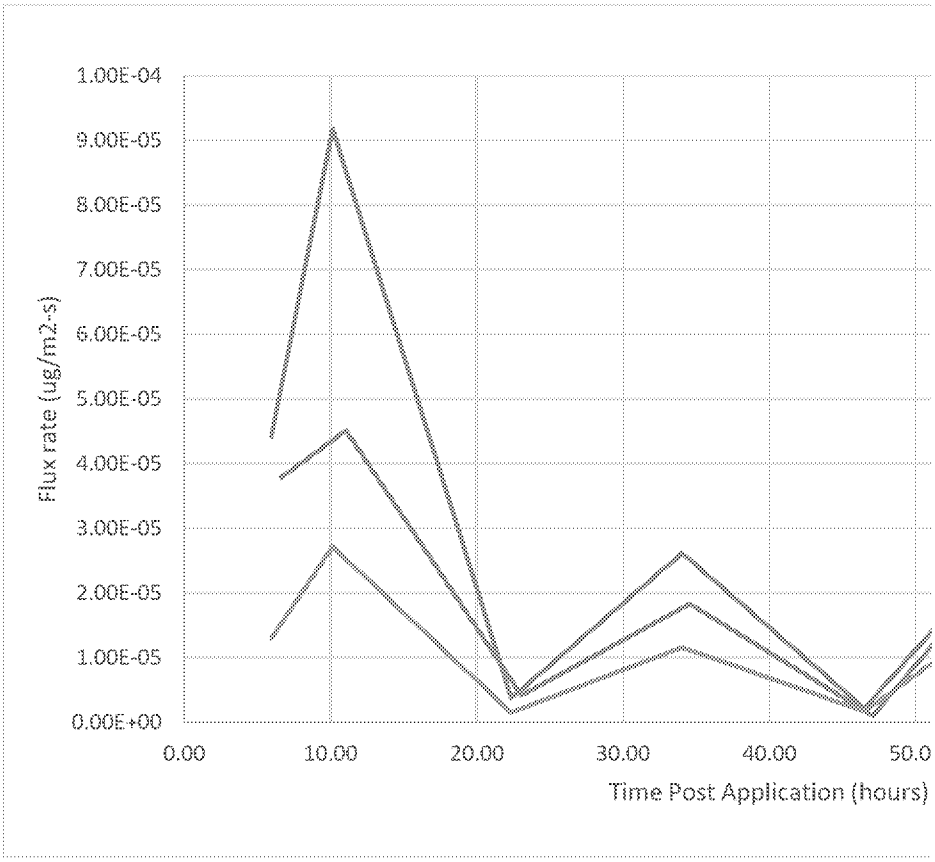
5/6/2018 8:46	(p. 41 of the study report)
9.00	(p. 21 of the study report)
0.5	(Table 11, p. 61 of the study report)
0.532	(Table 11, p. 61 of the study report)

Start Time	End Time	Duration (hours)	Start time after application (hours)	End time after application (hours)
5/6/2018 9:05	5/6/2018 15:23	6.30	0.32	6.62
5/6/2018 14:45	5/6/2018 19:51	5.10	5.98	11.08
5/6/2018 18:50	5/7/2018 7:49	12.98	10.07	23.05
5/7/2018 7:06	5/7/2018 19:20	12.23	22.33	34.57
5/7/2018 18:46	5/8/2018 7:49	13.05	34.00	47.05
5/8/2018 7:06	5/8/2018 19:38	12.53	46.33	58.87
5/8/2018 18:55	5/9/2018 7:36	12.68	58.15	70.83

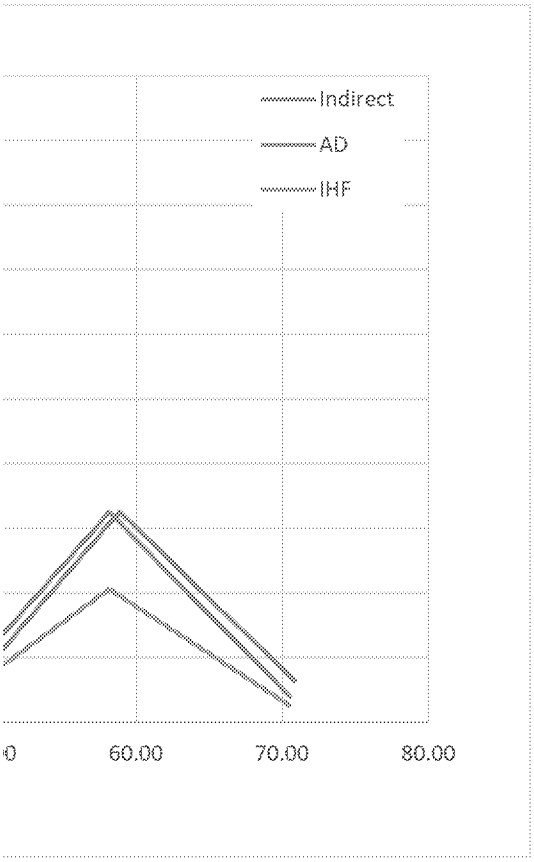
ıting the overlap between periods.

Start Time	End Time	Duration (hours)	Start time after application (hours)	End time after application (hours)
5/6/2018 9:12	5/6/2018 14:43	5.52	0.43	5.95
5/6/2018 14:45	5/6/2018 18:54	4.15	5.98	10.13
5/6/2018 18:56	5/7/2018 7:06	12.17	10.17	22.33
5/7/2018 7:07	5/7/2018 18:47	11.67	22.35	34.02
5/7/2018 18:48	5/8/2018 7:17	12.48	34.03	46.52
5/8/2018 7:18	5/8/2018 18:56	11.63	46.53	58.17
5/8/2018 18:57	5/9/2018 7:17	12.33	58.18	70.52

Calculated Flux (µg/m²-s)	Percent Lost
0.000038	0.0013%
0.000045	0.0011%
0.000004	0.0003%
0.000018	0.0013%
0.000001	0.0001%
0.000033	0.0023%
0.000006	0.0005%
Total	**0.0069%**



Calculated IHF Flux (µg/m²-s)	IHF Percent Lost	Calculated AD Flux (µg/m²-s)	AD Percent Lost
0.000013	0.0005%	0.000044	0.0016%
0.000027	0.0007%	0.000092	0.0024%
0.000002	0.0001%	0.000004	0.0003%
0.000012	0.0009%	0.000026	0.0020%
0.000002	0.0001%	0.000002	0.0002%
0.000021	0.0015%	0.000032	0.0024%
0.000003	0.0002%	0.000004	0.0003%
Total	**0.0041%**	**Total**	**0.0092%**


Indirect
AD
IHF
0
60.00
70.00
80.00

Chemical:
MRID:
PC Code:
Plot:
Guideline:

Calculation of sampling period times
Application start time:
Area of field (acres):
Target application rate (lbs/A):
Actual applied dicamba (kg):

Indirect Method Sampling Periods

Period
1
2
3
4
5
6
7

Data from Table 14, p. 64 and Table 28, p. 84 of the study report.
Percent lost is based on duration from the start of each period to the start of the subsequent period to avoid double-cour
Percent lost is based on actual application rates for the indirect method (p. 47).

Central Mast (Integrated Horizontal Flux Method and Aerodynamic Method) Sampling Periods

Period
1
2
3
4
5
6
7

Data from Table 14, p. 64; Appendix H, p. 419; and Appendix I, p. 424 of the study report.
Percent lost is based on target application rates for the integrated horizontal flux and aerodynamic methods (p. 48).

Dicamba DGA
51134103
128931
Treatment 2
835.8100

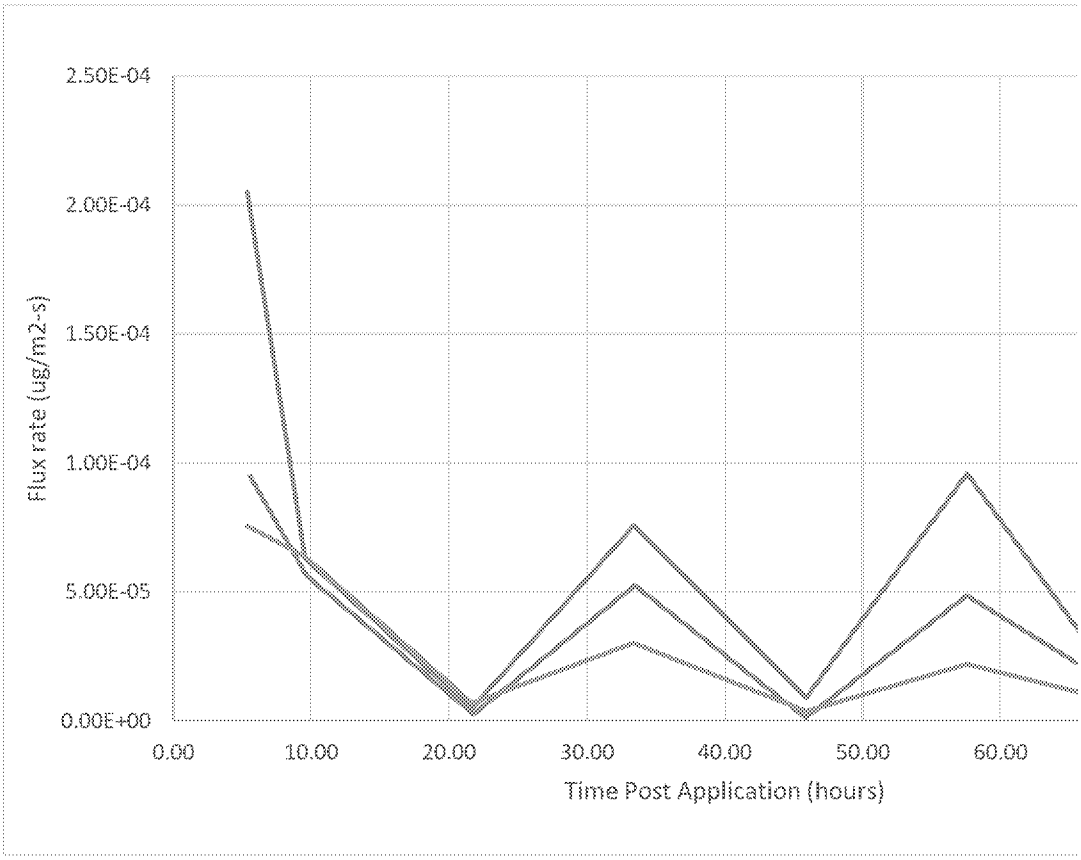
5/6/2018 9:49	(p. 42 of the study report)
9.00	(p. 21 of the study report)
0.5	(Table 12, p. 62 of the study report)
0.532	(Table 12, p. 62 of the study report)

Start Time	End Time	Duration (hours)	Start time after application (hours)	End time after application (hours)
5/6/2018 10:15	5/6/2018 15:22	5.12	0.43	5.55
5/6/2018 14:44	5/6/2018 19:30	4.77	4.92	9.68
5/6/2018 18:50	5/7/2018 7:34	12.73	9.02	21.75
5/7/2018 7:03	5/7/2018 19:17	12.23	21.23	33.47
5/7/2018 18:45	5/8/2018 7:40	12.92	32.93	45.85
5/8/2018 7:04	5/8/2018 19:22	12.30	45.25	57.55
5/8/2018 18:54	5/9/2018 7:31	12.62	57.08	69.70

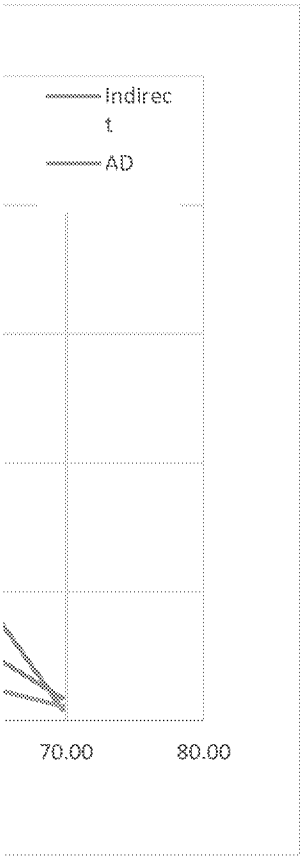
ıting the overlap between periods.

Start Time	End Time	Duration (hours)	Start time after application (hours)	End time after application (hours)
5/6/2018 10:18	5/6/2018 15:11	4.88	0.48	5.37
5/6/2018 15:15	5/6/2018 19:23	4.13	5.43	9.57
5/6/2018 19:24	5/7/2018 7:29	12.08	9.58	21.67
5/7/2018 7:31	5/7/2018 19:11	11.67	21.70	33.37
5/7/2018 19:13	5/8/2018 7:43	12.50	33.40	45.90
5/8/2018 7:44	5/8/2018 19:22	11.63	45.92	57.55
5/8/2018 19:25	5/9/2018 7:35	12.17	57.60	69.77

Calculated Flux (µg/m²-s)	Percent Lost
0.000095	0.0026%
0.000056	0.0014%
0.000003	0.0002%
0.000053	0.0037%
0.000001	0.0001%
0.000049	0.0035%
0.000009	0.0007%
Total	**0.0121%**



Calculated IHF Flux (µg/m²-s)	IHF Percent Lost	Calculated AD Flux (µg/m²-s)	AD Percent Lost
0.000076	0.0024%	0.000205	0.0064%
0.000064	0.0017%	0.000063	0.0017%
0.000007	0.0005%	0.000005	0.0004%
0.000030	0.0023%	0.000076	0.0057%
0.000004	0.0003%	0.000009	0.0007%
0.000022	0.0017%	0.000096	0.0072%
0.000006	0.0004%	0.000004	0.0003%
Total	**0.0093%**	**Total**	**0.0224%**


Indirect
AD
70.00
80.00

Chemical:	Dicamba DGA
MRID:	51134103
PC Code:	128931
Plot:	Treatments 1 & 2
Guideline:	835.8100

Field Exposed PUF Sample Results

Sample ID	Sample Time	Spike Level (ng/PUF)	Dicamba (ng/PUF)	Recovery (%)
18-047-OTT-PFS-S000-6HR--1	6 hours	0	0.2	NA
18-047-OTT-PFS-S000-6HR--2	6 hours	0	ND	NA
18-047-OTT-PFS-S000-6HR--3	6 hours	0	ND	NA
18-047-OTT-PFS-S003-6HR--1	6 hours	3	2.62	87%
18-047-OTT-PFS-S003-6HR--2	6 hours	3	2.64	88%
18-047-OTT-PFS-S003-6HR--3	6 hours	3	2.57	86%
18-047-OTT-PFS-S010-6HR--1	6 hours	10	9.86	99%
18-047-OTT-PFS-S010-6HR--2	6 hours	10	9.25	93%
18-047-OTT-PFS-S010-6HR--3	6 hours	10	9.29	93%
18-047-OTT-PFS-S060-6HR--1	6 hours	60	54.9	92%
18-047-OTT-PFS-S060-6HR--2	6 hours	60	58	97%
18-047-OTT-PFS-S060-6HR--3	6 hours	60	56.7	95%
18-047-OTT-PFS-S000-12HR--1	12 hours	0	ND	NA
18-047-OTT-PFS-S000-12HR--2	12 hours	0	ND	NA
18-047-OTT-PFS-S000-12HR--3	12 hours	0	ND	NA
18-047-OTT-PFS-S003-12HR--1	12 hours	3	2.66	89%
18-047-OTT-PFS-S003-12HR--2	12 hours	3	2.62	87%
18-047-OTT-PFS-S003-12HR--3	12 hours	3	2.6	87%
18-047-OTT-PFS-S010-12HR--1	12 hours	10	9.57	96%
18-047-OTT-PFS-S010-12HR--2	12 hours	10	9.28	93%
18-047-OTT-PFS-S010-12HR--3	12 hours	10	9.51	95%
18-047-OTT-PFS-S060-12HR--1	12 hours	60	61.3	102%
18-047-OTT-PFS-S060-12HR--2	12 hours	60	59.9	100%
18-047-OTT-PFS-S060-12HR--3	12 hours	60	60.2	100%

Data from Appendix A, Table 10, p. 138 of the study report.