APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses and Population Adjusted Doses
Scenario: Public Receptors - Routine Exposure
Pathway: Ingestion of Berries
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Fraction a.i. Retained on Berry	Deposition Rate (mg/cm2)	Exposure Factor (cm2/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Ground	Low Boom	Berry - child	2.00E-01	2.64E-05	4.60E+00	2.43E-05	4.50E-01	0.005397%
Typical	Ground	High Boom	Berry - child	2.00E-01	4.36E-05	4.60E+00	4.01E-05	4.50E-01	0.008914%
Max	Ground	Low Boom	Berry - child	2.00E-01	3.52E-05	4.60E+00	3.24E-05	4.50E-01	0.007196%
Max	Ground	High Boom	Berry - child	2.00E-01	5.82E-05	4.60E+00	5.35E-05	4.50E-01	0.011899%
Typical	Ground	Low Boom	Berry - adult	2.00E-01	2.64E-05	4.57E+00	2.41E-05	4.50E-01	0.005364%
Typical	Ground	High Boom	Berry - adult	2.00E-01	4.36E-05	4.57E+00	3.99E-05	4.50E-01	0.008858%
Max	Ground	Low Boom	Berry - adult	2.00E-01	3.52E-05	4.57E+00	3.22E-05	4.50E-01	0.007152%
Max	Ground	High Boom	Berry - adult	2.00E-01	5.82E-05	4.57E+00	5.32E-05	4.50E-01	0.011825%
Typical	Ground	Low Boom	Res-child	2.00E-01	2.64E-05	4.60E+00	2.43E-05	4.50E-01	0.005397%
Typical	Ground	High Boom	Res-child	2.00E-01	4.36E-05	4.60E+00	4.01E-05	4.50E-01	0.008914%
Max	Ground	Low Boom	Res-child	2.00E-01	3.52E-05	4.60E+00	3.24E-05	4.50E-01	0.007196%
Max	Ground	High Boom	Res-child	2.00E-01	5.82E-05	4.60E+00	5.35E-05	4.50E-01	0.011899%
Typical	Ground	Low Boom	Res-adult	2.00E-01	2.64E-05	4.57E+00	2.41E-05	4.50E-01	0.005364%
Typical	Ground	High Boom	Res-adult	2.00E-01	4.36E-05	4.57E+00	3.99E-05	4.50E-01	0.008858%
Max	Ground	Low Boom	Res-adult	2.00E-01	3.52E-05	4.57E+00	3.22E-05	4.50E-01	0.007152%
Max	Ground	High Boom	Res-adult	2.00E-01	5.82E-05	4.57E+00	5.32E-05	4.50E-01	0.011825%
Typical	Ground	Low Boom	N.American - child	2.00E-01	2.64E-05	4.60E+00	2.43E-05	4.50E-01	0.005397%
Typical	Ground	High Boom	N.American - child	2.00E-01	4.36E-05	4.60E+00	4.01E-05	4.50E-01	0.008914%
Max	Ground	Low Boom	N.American - child	2.00E-01	3.52E-05	4.60E+00	3.24E-05	4.50E-01	0.007196%
Max	Ground	High Boom	N.American - child	2.00E-01	5.82E-05	4.60E+00	5.35E-05	4.50E-01	0.011899%
Typical	Ground	Low Boom	N.American - adult	2.00E-01	2.64E-05	4.57E+00	2.41E-05	4.50E-01	0.005364%
Typical	Ground	High Boom	N.American - adult	2.00E-01	4.36E-05	4.57E+00	3.99E-05	4.50E-01	0.008858%
Max	Ground	Low Boom	N.American - adult	2.00E-01	3.52E-05	4.57E+00	3.22E-05	4.50E-01	0.007152%
Max	Ground	High Boom	N.American - adult	2.00E-01	5.82E-05	4.57E+00	5.32E-05	4.50E-01	0.011825%

NA - Not Available.
NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses and Margins of Exposure
Scenario: Public Receptors - Routine Exposure
Pathway: Dermal Contact with Water While Swimming - Intermediate-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Skin Permeablilty Constant (cm/hr)	Intermediate-Term Water Concentration (mg/L)	Unit Correction Factor (L/cm3)	Exposure Factor (cm2-hr/kg-day)	Absorbed Dose (mg/kg-day)	Oral NOAEL (mg/kg-day) Short/Int	Intermediate-Term MOE (unitless) Short/Int
Typical	Ground	Low Boom	Swimmer-child	2.86E-05	2.74E-02	1.00E-03	4.40E+02	3.45E-07	4.50E+01	1.31E+08
Typical	Ground	High Boom	Swimmer-child	2.86E-05	2.75E-02	1.00E-03	4.40E+02	3.46E-07	4.50E+01	1.30E+08
Max	Ground	Low Boom	Swimmer-child	2.86E-05	4.57E-02	1.00E-03	4.40E+02	5.74E-07	4.50E+01	7.84E+07
Max	Ground	High Boom	Swimmer-child	2.86E-05	4.58E-02	1.00E-03	4.40E+02	5.75E-07	4.50E+01	7.82E+07
Typical	Ground	Low Boom	Swimmer-adult	2.86E-05	2.74E-02	1.00E-03	2.57E+02	2.02E-07	4.50E+01	2.23E+08
Typical	Ground	High Boom	Swimmer-adult	2.86E-05	2.75E-02	1.00E-03	2.57E+02	2.02E-07	4.50E+01	2.23E+08
Max	Ground	Low Boom	Swimmer-adult	2.86E-05	4.57E-02	1.00E-03	2.57E+02	3.36E-07	4.50E+01	1.34E+08
Max	Ground	High Boom	Swimmer-adult	2.86E-05	4.58E-02	1.00E-03	2.57E+02	3.36E-07	4.50E+01	1.34E+08
Typical	Ground	Low Boom	N.American-child	2.86E-05	2.74E-02	1.00E-03	1.14E+03	8.97E-07	4.50E+01	5.02E+07
Typical	Ground	High Boom	N.American-child	2.86E-05	2.75E-02	1.00E-03	1.14E+03	8.99E-07	4.50E+01	5.01E+07
Max	Ground	Low Boom	N.American-child	2.86E-05	4.57E-02	1.00E-03	1.14E+03	1.49E-06	4.50E+01	3.01E+07
Max	Ground	High Boom	N.American-child	2.86E-05	4.58E-02	1.00E-03	1.14E+03	1.50E-06	4.50E+01	3.01E+07
Typical	Ground	Low Boom	N.American-adult	2.86E-05	2.74E-02	1.00E-03	6.69E+02	5.24E-07	4.50E+01	8.59E+07
Typical	Ground	High Boom	N.American-adult	2.86E-05	2.75E-02	1.00E-03	6.69E+02	5.25E-07	4.50E+01	8.56E+07
Max	Ground	Low Boom	N.American-adult	2.86E-05	4.57E-02	1.00E-03	6.69E+02	8.72E-07	4.50E+01	5.16E+07
Max	Ground	High Boom	N.American-adult	2.86E-05	4.58E-02	1.00E-03	6.69E+02	8.74E-07	4.50E+01	5.15E+07

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses and Margins of Exposure
Scenario: Public Receptors - Routine Exposure
Pathway: Dermal Contact with Water While Swimming - Long-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Skin Permeablilty Constant (cm/hr)	Long-Term Water Concentration (mg/L)	Unit Correction Factor (L/cm3)	Exposure Factor (cm2-hr/kg-day)	Absorbed Dose (mg/kg-day)	Oral NOAEL (mg/kg-day) Short/Int	Long--Term MOE (unitless) Short/Int
Typical	Ground	Low Boom	Swimmer-child	2.86E-05	6.26E-03	1.00E-03	4.40E+02	7.88E-08	4.50E+01	5.71E+08
Typical	Ground	High Boom	Swimmer-child	2.86E-05	6.34E-03	1.00E-03	4.40E+02	7.97E-08	4.50E+01	5.64E+08
Max	Ground	Low Boom	Swimmer-child	2.86E-05	1.04E-02	1.00E-03	4.40E+02	1.31E-07	4.50E+01	3.44E+08
Max	Ground	High Boom	Swimmer-child	2.86E-05	1.05E-02	1.00E-03	4.40E+02	1.32E-07	4.50E+01	3.41E+08
Typical	Ground	Low Boom	Swimmer-adult	2.86E-05	6.26E-03	1.00E-03	2.57E+02	4.60E-08	4.50E+01	9.78E+08
Typical	Ground	High Boom	Swimmer-adult	2.86E-05	6.34E-03	1.00E-03	2.57E+02	4.66E-08	4.50E+01	9.66E+08
Max	Ground	Low Boom	Swimmer-adult	2.86E-05	1.04E-02	1.00E-03	2.57E+02	7.64E-08	4.50E+01	5.89E+08
Max	Ground	High Boom	Swimmer-adult	2.86E-05	1.05E-02	1.00E-03	2.57E+02	7.72E-08	4.50E+01	5.83E+08
Typical	Ground	Low Boom	N.American-child	2.86E-05	6.26E-03	1.00E-03	1.14E+03	2.05E-07	4.50E+01	2.20E+08
Typical	Ground	High Boom	N.American-child	2.86E-05	6.34E-03	1.00E-03	1.14E+03	2.07E-07	4.50E+01	2.17E+08
Max	Ground	Low Boom	N.American-child	2.86E-05	1.04E-02	1.00E-03	1.14E+03	3.40E-07	4.50E+01	1.32E+08
Max	Ground	High Boom	N.American-child	2.86E-05	1.05E-02	1.00E-03	1.14E+03	3.43E-07	4.50E+01	1.31E+08
Typical	Ground	Low Boom	N.American-adult	2.86E-05	6.26E-03	1.00E-03	6.69E+02	1.20E-07	4.50E+01	3.76E+08
Typical	Ground	High Boom	N.American-adult	2.86E-05	6.34E-03	1.00E-03	6.69E+02	1.21E-07	4.50E+01	3.71E+08
Max	Ground	Low Boom	N.American-adult	2.86E-05	1.04E-02	1.00E-03	6.69E+02	1.99E-07	4.50E+01	2.27E+08
Max	Ground	High Boom	N.American-adult	2.86E-05	1.05E-02	1.00E-03	6.69E+02	2.01E-07	4.50E+01	2.24E+08

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses
Scenario: Public Receptors - Routine Exposure
Pathway: Incidental Ingestion of Water while Swimming - Intermediate-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Intermediate-Term Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Incidental Ingestion	
							Oral NOAEL (mg/kg-day) Short/Int	Intermediate-Term MOE (unitless) Short/Int
Typical	Ground	Low Boom	Swimmer-child	2.74E-02	3.33E-03	9.14E-05	4.50E+01	4.92E+05
Typical	Ground	High Boom	Swimmer-child	2.75E-02	3.33E-03	9.17E-05	4.50E+01	4.91E+05
Max	Ground	Low Boom	Swimmer-child	4.57E-02	3.33E-03	1.52E-04	4.50E+01	2.96E+05
Max	Ground	High Boom	Swimmer-child	4.58E-02	3.33E-03	1.53E-04	4.50E+01	2.95E+05
Typical	Ground	Low Boom	Swimmer-adult	2.74E-02	7.14E-04	1.96E-05	4.50E+01	2.30E+06
Typical	Ground	High Boom	Swimmer-adult	2.75E-02	7.14E-04	1.96E-05	4.50E+01	2.29E+06
Max	Ground	Low Boom	Swimmer-adult	4.57E-02	7.14E-04	3.26E-05	4.50E+01	1.38E+06
Max	Ground	High Boom	Swimmer-adult	4.58E-02	7.14E-04	3.27E-05	4.50E+01	1.38E+06

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses
Scenario: Public Receptors - Routine Exposure
Pathway: Incidental Ingestion of Water while Swimming - Long-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Long-Term Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Incidental Ingestion	
							Oral NOAEL (mg/kg-day) Short/Int	Long-Term MOE (unitless) Short/Int
Typical	Ground	Low Boom	Swimmer-child	6.26E-03	3.33E-03	2.09E-05	4.50E+01	2.16E+06
Typical	Ground	High Boom	Swimmer-child	6.34E-03	3.33E-03	2.11E-05	4.50E+01	2.13E+06
Max	Ground	Low Boom	Swimmer-child	1.04E-02	3.33E-03	3.47E-05	4.50E+01	1.30E+06
Max	Ground	High Boom	Swimmer-child	1.05E-02	3.33E-03	3.50E-05	4.50E+01	1.29E+06
Typical	Ground	Low Boom	Swimmer-adult	6.26E-03	7.14E-04	4.47E-06	4.50E+01	1.01E+07
Typical	Ground	High Boom	Swimmer-adult	6.34E-03	7.14E-04	4.53E-06	4.50E+01	9.93E+06
Max	Ground	Low Boom	Swimmer-adult	1.04E-02	7.14E-04	7.43E-06	4.50E+01	6.06E+06
Max	Ground	High Boom	Swimmer-adult	1.05E-02	7.14E-04	7.50E-06	4.50E+01	6.00E+06

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses
Scenario: Public Receptors - Routine Exposure
Pathway: Drinking Water Ingestion - Intermediate-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Intermediate-Term Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Drinking Water	
							PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Ground	Low Boom	Hiker/Hunter	2.74E-02	2.86E-02	7.84E-04	4.50E-01	0.174143%
Typical	Ground	High Boom	Hiker/Hunter	2.75E-02	2.86E-02	7.86E-04	4.50E-01	0.174637%
Max	Ground	Low Boom	Hiker/Hunter	4.57E-02	2.86E-02	1.30E-03	4.50E-01	0.289969%
Max	Ground	High Boom	Hiker/Hunter	4.58E-02	2.86E-02	1.31E-03	4.50E-01	0.290627%
Typical	Ground	Low Boom	Berry - child	2.74E-02	6.67E-02	1.83E-03	4.50E-01	0.406335%
Typical	Ground	High Boom	Berry - child	2.75E-02	6.67E-02	1.83E-03	4.50E-01	0.407486%
Max	Ground	Low Boom	Berry - child	4.57E-02	6.67E-02	3.04E-03	4.50E-01	0.676594%
Max	Ground	High Boom	Berry - child	4.58E-02	6.67E-02	3.05E-03	4.50E-01	0.678130%
Typical	Ground	Low Boom	Berry - adult	2.74E-02	2.86E-02	7.84E-04	4.50E-01	0.174143%
Typical	Ground	High Boom	Berry - adult	2.75E-02	2.86E-02	7.86E-04	4.50E-01	0.174637%
Max	Ground	Low Boom	Berry - adult	4.57E-02	2.86E-02	1.30E-03	4.50E-01	0.289969%
Max	Ground	High Boom	Berry - adult	4.58E-02	2.86E-02	1.31E-03	4.50E-01	0.290627%
Typical	Ground	Low Boom	Angler	2.74E-02	2.86E-02	7.84E-04	4.50E-01	0.174143%
Typical	Ground	High Boom	Angler	2.75E-02	2.86E-02	7.86E-04	4.50E-01	0.174637%
Max	Ground	Low Boom	Angler	4.57E-02	2.86E-02	1.30E-03	4.50E-01	0.289969%
Max	Ground	High Boom	Angler	4.58E-02	2.86E-02	1.31E-03	4.50E-01	0.290627%
Typical	Ground	Low Boom	N.American - child	2.74E-02	3.33E-02	9.14E-04	4.50E-01	0.203167%
Typical	Ground	High Boom	N.American - child	2.75E-02	3.33E-02	9.17E-04	4.50E-01	0.203743%
Max	Ground	Low Boom	N.American - child	4.57E-02	3.33E-02	1.52E-03	4.50E-01	0.338297%
Max	Ground	High Boom	N.American - child	4.58E-02	3.33E-02	1.53E-03	4.50E-01	0.339065%
Typical	Ground	Low Boom	N.American - adult	2.74E-02	1.43E-02	3.92E-04	4.50E-01	0.087072%
Typical	Ground	High Boom	N.American - adult	2.75E-02	1.43E-02	3.93E-04	4.50E-01	0.087319%
Max	Ground	Low Boom	N.American - adult	4.57E-02	1.43E-02	6.52E-04	4.50E-01	0.144985%
Max	Ground	High Boom	N.American - adult	4.58E-02	1.43E-02	6.54E-04	4.50E-01	0.145314%

NA - Not Available.
NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses
Scenario: Public Receptors - Routine Exposure
Pathway: Drinking Water Ingestion - Long-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Long-Term Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Drinking Water	
							PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Ground	Low Boom	Hiker/Hunter	6.26E-03	2.86E-02	1.79E-04	4.50E-01	0.039774%
Typical	Ground	High Boom	Hiker/Hunter	6.34E-03	2.86E-02	1.81E-04	4.50E-01	0.040268%
Max	Ground	Low Boom	Hiker/Hunter	1.04E-02	2.86E-02	2.97E-04	4.50E-01	0.066021%
Max	Ground	High Boom	Hiker/Hunter	1.05E-02	2.86E-02	3.00E-04	4.50E-01	0.066679%
Typical	Ground	Low Boom	Berry - child	6.26E-03	6.67E-02	4.18E-04	4.50E-01	0.092807%
Typical	Ground	High Boom	Berry - child	6.34E-03	6.67E-02	4.23E-04	4.50E-01	0.093959%
Max	Ground	Low Boom	Berry - child	1.04E-02	6.67E-02	6.93E-04	4.50E-01	0.154048%
Max	Ground	High Boom	Berry - child	1.05E-02	6.67E-02	7.00E-04	4.50E-01	0.155584%
Typical	Ground	Low Boom	Berry - adult	6.26E-03	2.86E-02	1.79E-04	4.50E-01	0.039774%
Typical	Ground	High Boom	Berry - adult	6.34E-03	2.86E-02	1.81E-04	4.50E-01	0.040268%
Max	Ground	Low Boom	Berry - adult	1.04E-02	2.86E-02	2.97E-04	4.50E-01	0.066021%
Max	Ground	High Boom	Berry - adult	1.05E-02	2.86E-02	3.00E-04	4.50E-01	0.066679%
Typical	Ground	Low Boom	Angler	6.26E-03	2.86E-02	1.79E-04	4.50E-01	0.039774%
Typical	Ground	High Boom	Angler	6.34E-03	2.86E-02	1.81E-04	4.50E-01	0.040268%
Max	Ground	Low Boom	Angler	1.04E-02	2.86E-02	2.97E-04	4.50E-01	0.066021%
Max	Ground	High Boom	Angler	1.05E-02	2.86E-02	3.00E-04	4.50E-01	0.066679%
Typical	Ground	Low Boom	N.American - child	6.26E-03	3.33E-02	2.09E-04	4.50E-01	0.046403%
Typical	Ground	High Boom	N.American - child	6.34E-03	3.33E-02	2.11E-04	4.50E-01	0.046979%
Max	Ground	Low Boom	N.American - child	1.04E-02	3.33E-02	3.47E-04	4.50E-01	0.077024%
Max	Ground	High Boom	N.American - child	1.05E-02	3.33E-02	3.50E-04	4.50E-01	0.077792%
Typical	Ground	Low Boom	N.American - adult	6.26E-03	1.43E-02	8.95E-05	4.50E-01	0.019887%
Typical	Ground	High Boom	N.American - adult	6.34E-03	1.43E-02	9.06E-05	4.50E-01	0.020134%
Max	Ground	Low Boom	N.American - adult	1.04E-02	1.43E-02	1.49E-04	4.50E-01	0.033010%
Max	Ground	High Boom	N.American - adult	1.05E-02	1.43E-02	1.50E-04	4.50E-01	0.033339%

NA - Not Available.
NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses and Population Adjusted Doses
Scenario: Public Receptors - Routine Exposure
Pathway: Ingestion of Fish - Intermediate-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Intermediate-Term Water Concentration (mg/L)	Bioconcentration Factor (L/kg)	Unit Correction Factor (kg/mg)	Exposure Factor (mg/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Ground	Low Boom	Angler	2.74E-02	2.88E+01	1.00E-06	9.00E+02	7.10E-04	4.50E-01	0.157873%
Typical	Ground	High Boom	Angler	2.75E-02	2.88E+01	1.00E-06	9.00E+02	7.12E-04	4.50E-01	0.158321%
Max	Ground	Low Boom	Angler	4.57E-02	2.88E+01	1.00E-06	9.00E+02	1.18E-03	4.50E-01	0.262877%
Max	Ground	High Boom	Angler	4.58E-02	2.88E+01	1.00E-06	9.00E+02	1.19E-03	4.50E-01	0.263474%
Typical	Ground	Low Boom	N.American - child	2.74E-02	2.88E+01	1.00E-06	1.27E+04	1.00E-02	4.50E-01	2.221919%
Typical	Ground	High Boom	N.American - child	2.75E-02	2.88E+01	1.00E-06	1.27E+04	1.00E-02	4.50E-01	2.228217%
Max	Ground	Low Boom	N.American - child	4.57E-02	2.88E+01	1.00E-06	1.27E+04	1.66E-02	4.50E-01	3.699753%
Max	Ground	High Boom	N.American - child	4.58E-02	2.88E+01	1.00E-06	1.27E+04	1.67E-02	4.50E-01	3.708151%
Typical	Ground	Low Boom	N.American - adult	2.74E-02	2.88E+01	1.00E-06	1.26E+04	9.98E-03	4.50E-01	2.217743%
Typical	Ground	High Boom	N.American - adult	2.75E-02	2.88E+01	1.00E-06	1.26E+04	1.00E-02	4.50E-01	2.224029%
Max	Ground	Low Boom	N.American - adult	4.57E-02	2.88E+01	1.00E-06	1.26E+04	1.66E-02	4.50E-01	3.692799%
Max	Ground	High Boom	N.American - adult	4.58E-02	2.88E+01	1.00E-06	1.26E+04	1.67E-02	4.50E-01	3.701181%

NA - Not Available.
NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses and Population Adjusted Doses
Scenario: Public Receptors - Routine Exposure
Pathway: Ingestion of Fish - Long-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Long-Term Water Concentration (mg/L)	Bioconcentration Factor (L/kg)	Unit Correction Factor (kg/mg)	Exposure Factor (mg/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Ground	Low Boom	Angler	6.26E-03	2.88E+01	1.00E-06	9.00E+02	1.62E-04	4.50E-01	0.036058%
Typical	Ground	High Boom	Angler	6.34E-03	2.88E+01	1.00E-06	9.00E+02	1.64E-04	4.50E-01	0.036506%
Max	Ground	Low Boom	Angler	1.04E-02	2.88E+01	1.00E-06	9.00E+02	2.69E-04	4.50E-01	0.059852%
Max	Ground	High Boom	Angler	1.05E-02	2.88E+01	1.00E-06	9.00E+02	2.72E-04	4.50E-01	0.060449%
Typical	Ground	Low Boom	N.American - child	6.26E-03	2.88E+01	1.00E-06	1.27E+04	2.28E-03	4.50E-01	0.507487%
Typical	Ground	High Boom	N.American - child	6.34E-03	2.88E+01	1.00E-06	1.27E+04	2.31E-03	4.50E-01	0.513785%
Max	Ground	Low Boom	N.American - child	1.04E-02	2.88E+01	1.00E-06	1.27E+04	3.79E-03	4.50E-01	0.842366%
Max	Ground	High Boom	N.American - child	1.05E-02	2.88E+01	1.00E-06	1.27E+04	3.83E-03	4.50E-01	0.850763%
Typical	Ground	Low Boom	N.American - adult	6.26E-03	2.88E+01	1.00E-06	1.26E+04	2.28E-03	4.50E-01	0.506533%
Typical	Ground	High Boom	N.American - adult	6.34E-03	2.88E+01	1.00E-06	1.26E+04	2.31E-03	4.50E-01	0.512819%
Max	Ground	Low Boom	N.American - adult	1.04E-02	2.88E+01	1.00E-06	1.26E+04	3.78E-03	4.50E-01	0.840782%
Max	Ground	High Boom	N.American - adult	1.05E-02	2.88E+01	1.00E-06	1.26E+04	3.82E-03	4.50E-01	0.849164%

NA - Not Available.
NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculatio Aggregrate Risk Index - Intermediate Term Exposure Scenario
Scenario: Public Receptors - Routine Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

						Dermal Exposure Pathways			Incidental Ingestion	Dietary Exposure Pathways			Intermediate-Term
						Intermediate-Term Dermal		Short/Int Term Oral	Short/Int Term Oral	Chronic	Chronic	Chronic	Aggregate
Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Target MOE	Drift MOE	Foliage MOE	Water MOE	Water MOE	Water %PAD	Berries %PAD	Fish %PAD	Risk Index
Typical	Ground	Both	Low Boom	Hiker/Hunter	1.00E+02	1.77E+05	1.99E+06	--	--	0.174143%	--	--	4.24E+02
Typical	Ground	Both	High Boom	Hiker/Hunter	1.00E+02	1.07E+05	1.20E+06	--	--	0.174637%	--	--	3.62E+02
Max	Ground	Both	Low Boom	Hiker/Hunter	1.00E+02	1.32E+05	1.49E+06	--	--	0.289969%	--	--	2.69E+02
Max	Ground	Both	High Boom	Hiker/Hunter	1.00E+02	8.01E+04	9.02E+05	--	--	0.290627%	--	--	2.34E+02
Typical	Ground	Both	Low Boom	Berry - child	1.00E+02	1.06E+05	1.42E+06	--	--	0.406335%	0.005397%	--	1.95E+02
Typical	Ground	Both	High Boom	Berry - child	1.00E+02	6.42E+04	8.60E+05	--	--	0.407486%	0.008914%	--	1.71E+02
Max	Ground	Both	Low Boom	Berry - child	1.00E+02	7.96E+04	1.07E+06	--	--	0.676594%	0.007196%	--	1.22E+02
Max	Ground	Both	High Boom	Berry - child	1.00E+02	4.81E+04	6.44E+05	--	--	0.678130%	0.011899%	--	1.09E+02
Typical	Ground	Both	Low Boom	Berry - adult	1.00E+02	1.77E+05	1.33E+06	--	--	0.174143%	0.005364%	--	4.10E+02
Typical	Ground	Both	High Boom	Berry - adult	1.00E+02	1.07E+05	8.03E+05	--	--	0.174637%	0.008858%	--	3.45E+02
Max	Ground	Both	Low Boom	Berry - adult	1.00E+02	1.32E+05	9.94E+05	--	--	0.289969%	0.007152%	--	2.61E+02
Max	Ground	Both	High Boom	Berry - adult	1.00E+02	8.01E+04	6.01E+05	--	--	0.290627%	0.011825%	--	2.25E+02
Typical	Ground	Both	Low Boom	Angler	1.00E+02	1.77E+05	1.99E+06	--	--	0.174143%	--	0.157873%	2.54E+02
Typical	Ground	Both	High Boom	Angler	1.00E+02	1.07E+05	1.20E+06	--	--	0.174637%	--	0.158321%	2.30E+02
Max	Ground	Both	Low Boom	Angler	1.00E+02	1.32E+05	1.49E+06	--	--	0.289969%	--	0.262877%	1.57E+02
Max	Ground	Both	High Boom	Angler	1.00E+02	8.01E+04	9.02E+05	--	--	0.290627%	--	0.263474%	1.45E+02
Typical	Ground	Both	Low Boom	Res-child	1.00E+02	1.06E+05	8.19E+04	--	--	--	0.005397%	--	4.51E+02
Typical	Ground	Both	High Boom	Res-child	1.00E+02	6.42E+04	4.96E+04	--	--	--	0.008914%	--	2.73E+02
Max	Ground	Both	Low Boom	Res-child	1.00E+02	7.96E+04	6.15E+04	--	--	--	0.007196%	--	3.38E+02
Max	Ground	Both	High Boom	Res-child	1.00E+02	4.81E+04	3.72E+04	--	--	--	0.011899%	--	2.05E+02
Typical	Ground	Both	Low Boom	Res-adult	1.00E+02	1.77E+05	1.37E+05	--	--	--	0.005364%	--	7.41E+02
Typical	Ground	Both	High Boom	Res-adult	1.00E+02	1.07E+05	8.30E+04	--	--	--	0.008858%	--	4.49E+02
Max	Ground	Both	Low Boom	Res-adult	1.00E+02	1.32E+05	1.03E+05	--	--	--	0.007152%	--	5.56E+02
Max	Ground	Both	High Boom	Res-adult	1.00E+02	8.01E+04	6.22E+04	--	--	--	0.011825%	--	3.36E+02
Typical	Ground	Both	Low Boom	N.A.-child	1.00E+02	1.06E+05	9.47E+05	5.02E+07	--	0.203167%	0.005397%	2.221919%	3.94E+01
Typical	Ground	Both	High Boom	N.A.-child	1.00E+02	6.42E+04	5.73E+05	5.01E+07	--	0.203743%	0.008914%	2.228217%	3.83E+01
Max	Ground	Both	Low Boom	N.A.-child	1.00E+02	7.96E+04	7.10E+05	3.01E+07	--	0.338297%	0.007196%	3.699753%	2.39E+01
Max	Ground	Both	High Boom	N.A.-child	1.00E+02	4.81E+04	4.30E+05	3.01E+07	--	0.339065%	0.011899%	3.708151%	2.33E+01
Typical	Ground	Both	Low Boom	N.A.-adult	1.00E+02	1.77E+05	8.84E+05	8.59E+07	--	0.087072%	0.005364%	2.217743%	4.20E+01
Typical	Ground	Both	High Boom	N.A.-adult	1.00E+02	1.07E+05	5.35E+05	8.56E+07	--	0.087319%	0.008858%	2.224029%	4.11E+01
Max	Ground	Both	Low Boom	N.A.-adult	1.00E+02	1.32E+05	6.63E+05	5.16E+07	--	0.144985%	0.007152%	3.692799%	2.54E+01
Max	Ground	Both	High Boom	N.A.-adult	1.00E+02	8.01E+04	4.01E+05	5.15E+07	--	0.145314%	0.011825%	3.701181%	2.49E+01
Typical	Ground	Both	Low Boom	Swimmer-child	1.00E+02	--	--	1.31E+08	4.92E+05	--	--	--	4.90E+03
Typical	Ground	Both	High Boom	Swimmer-child	1.00E+02	--	--	1.30E+08	4.91E+05	--	--	--	4.89E+03
Max	Ground	Both	Low Boom	Swimmer-child	1.00E+02	--	--	7.84E+07	2.96E+05	--	--	--	2.94E+03
Max	Ground	Both	High Boom	Swimmer-child	1.00E+02	--	--	7.82E+07	2.95E+05	--	--	--	2.94E+03

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculatio Aggregrate Risk Index - Intermediate Term Exposure Scenario
Scenario: Public Receptors - Routine Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

						Dermal Exposure Pathways			Incidental Ingestion	Dietary Exposure Pathways			Intermediate-Term
						Intermediate-Term Dermal		Short/Int Term Oral	Short/Int Term Oral	Chronic	Chronic	Chronic	Aggregate
Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Target MOE	Drift MOE	Foliage MOE	Water MOE	Water MOE	Water %PAD	Berries %PAD	Fish %PAD	Risk Index
Typical	Ground	Both	Low Boom	Swimmer-adult	1.00E+02	--	--	2.23E+08	2.30E+06	--	--	--	2.27E+04
Typical	Ground	Both	High Boom	Swimmer-adult	1.00E+02	--	--	2.23E+08	2.29E+06	--	--	--	2.27E+04
Max	Ground	Both	Low Boom	Swimmer-adult	1.00E+02	--	--	1.34E+08	1.38E+06	--	--	--	1.37E+04
Max	Ground	Both	High Boom	Swimmer-adult	1.00E+02	--	--	1.34E+08	1.38E+06	--	--	--	1.36E+04

--Receptor not exposed via this pathway.
NA - Not Available.
NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculatic Aggregrate Risk Index - Long Term Exposure Scenario
Scenario: Public Receptors - Routine Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

						Dermal Exposure Pathways			Incidental Ingestion	Dietary Exposure Pathways			Long-Term
						Long-Term Dermal		Short/Int Term Oral	Short/Int Term Oral	Chronic	Chronic	Chronic	Aggregate
Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Target MOE	Drift MOE	Foliage MOE	Water MOE	Water MOE	Water %PAD	Berries %PAD	Fish %PAD	Risk Index
Typical	Ground	Both	Low Boom	Hiker/Hunter	1.00E+02	1.77E+05	1.99E+06	--	--	0.039774%	--	--	9.86E+02
Typical	Ground	Both	High Boom	Hiker/Hunter	1.00E+02	1.07E+05	1.20E+06	--	--	0.040268%	--	--	7.04E+02
Max	Ground	Both	Low Boom	Hiker/Hunter	1.00E+02	1.32E+05	1.49E+06	--	--	0.066021%	--	--	6.75E+02
Max	Ground	Both	High Boom	Hiker/Hunter	1.00E+02	8.01E+04	9.02E+05	--	--	0.066679%	--	--	4.94E+02
Typical	Ground	Both	Low Boom	Berry - child	1.00E+02	1.06E+05	1.42E+06	--	--	0.092807%	0.005397%	--	5.01E+02
Typical	Ground	Both	High Boom	Berry - child	1.00E+02	6.42E+04	8.60E+05	--	--	0.093959%	0.008914%	--	3.70E+02
Max	Ground	Both	Low Boom	Berry - child	1.00E+02	7.96E+04	1.07E+06	--	--	0.154048%	0.007196%	--	3.37E+02
Max	Ground	Both	High Boom	Berry - child	1.00E+02	4.81E+04	6.44E+05	--	--	0.155584%	0.011899%	--	2.56E+02
Typical	Ground	Both	Low Boom	Berry - adult	1.00E+02	1.77E+05	1.33E+06	--	--	0.039774%	0.005364%	--	9.15E+02
Typical	Ground	Both	High Boom	Berry - adult	1.00E+02	1.07E+05	8.03E+05	--	--	0.040268%	0.008858%	--	6.45E+02
Max	Ground	Both	Low Boom	Berry - adult	1.00E+02	1.32E+05	9.94E+05	--	--	0.066021%	0.007152%	--	6.30E+02
Max	Ground	Both	High Boom	Berry - adult	1.00E+02	8.01E+04	6.01E+05	--	--	0.066679%	0.011825%	--	4.55E+02
Typical	Ground	Both	Low Boom	Angler	1.00E+02	1.77E+05	1.99E+06	--	--	0.039774%	--	0.036058%	7.27E+02
Typical	Ground	Both	High Boom	Angler	1.00E+02	1.07E+05	1.20E+06	--	--	0.040268%	--	0.036506%	5.60E+02
Max	Ground	Both	Low Boom	Angler	1.00E+02	1.32E+05	1.49E+06	--	--	0.066021%	--	0.059852%	4.81E+02
Max	Ground	Both	High Boom	Angler	1.00E+02	8.01E+04	9.02E+05	--	--	0.066679%	--	0.060449%	3.80E+02
Typical	Ground	Both	Low Boom	Res-child	1.00E+02	1.06E+05	8.19E+04	--	--	--	0.005397%	--	4.51E+02
Typical	Ground	Both	High Boom	Res-child	1.00E+02	6.42E+04	4.96E+04	--	--	--	0.008914%	--	2.73E+02
Max	Ground	Both	Low Boom	Res-child	1.00E+02	7.96E+04	6.15E+04	--	--	--	0.007196%	--	3.38E+02
Max	Ground	Both	High Boom	Res-child	1.00E+02	4.81E+04	3.72E+04	--	--	--	0.011899%	--	2.05E+02
Typical	Ground	Both	Low Boom	Res-adult	1.00E+02	1.77E+05	1.37E+05	--	--	--	0.005364%	--	7.41E+02
Typical	Ground	Both	High Boom	Res-adult	1.00E+02	1.07E+05	8.30E+04	--	--	--	0.008858%	--	4.49E+02
Max	Ground	Both	Low Boom	Res-adult	1.00E+02	1.32E+05	1.03E+05	--	--	--	0.007152%	--	5.56E+02
Max	Ground	Both	High Boom	Res-adult	1.00E+02	8.01E+04	6.22E+04	--	--	--	0.011825%	--	3.36E+02
Typical	Ground	Both	Low Boom	N.A.-child	1.00E+02	1.06E+05	9.47E+05	2.20E+08	--	0.046403%	0.005397%	0.507487%	1.51E+02
Typical	Ground	Both	High Boom	N.A.-child	1.00E+02	6.42E+04	5.73E+05	2.17E+08	--	0.046979%	0.008914%	0.513785%	1.35E+02
Max	Ground	Both	Low Boom	N.A.-child	1.00E+02	7.96E+04	7.10E+05	1.32E+08	--	0.077024%	0.007196%	0.842366%	9.38E+01
Max	Ground	Both	High Boom	N.A.-child	1.00E+02	4.81E+04	4.30E+05	1.31E+08	--	0.077792%	0.011899%	0.850763%	8.53E+01
Typical	Ground	Both	Low Boom	N.A.-adult	1.00E+02	1.77E+05	8.84E+05	3.76E+08	--	0.019887%	0.005364%	0.506533%	1.67E+02
Typical	Ground	Both	High Boom	N.A.-adult	1.00E+02	1.07E+05	5.35E+05	3.71E+08	--	0.020134%	0.008858%	0.512819%	1.53E+02
Max	Ground	Both	Low Boom	N.A.-adult	1.00E+02	1.32E+05	6.63E+05	2.27E+08	--	0.033010%	0.007152%	0.840782%	1.03E+02
Max	Ground	Both	High Boom	N.A.-adult	1.00E+02	8.01E+04	4.01E+05	2.24E+08	--	0.033339%	0.011825%	0.849164%	9.58E+01
Typical	Ground	Both	Low Boom	Swimmer-child	1.00E+02	--	--	5.71E+08	2.16E+06	--	--	--	2.15E+04
Typical	Ground	Both	High Boom	Swimmer-child	1.00E+02	--	--	5.64E+08	2.13E+06	--	--	--	2.12E+04
Max	Ground	Both	Low Boom	Swimmer-child	1.00E+02	--	--	3.44E+08	1.30E+06	--	--	--	1.29E+04
Max	Ground	Both	High Boom	Swimmer-child	1.00E+02	--	--	3.41E+08	1.29E+06	--	--	--	1.28E+04

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculatic Aggregrate Risk Index - Long Term Exposure Scenario
Scenario: Public Receptors - Routine Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

						Dermal Exposure Pathways			Incidental Ingestion	Dietary Exposure Pathways			Long-Term
						Long-Term Dermal		Short/Int Term Oral	Short/Int Term Oral	Chronic	Chronic	Chronic	Aggregate
Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Target MOE	Drift MOE	Foliage MOE	Water MOE	Water MOE	Water %PAD	Berries %PAD	Fish %PAD	Risk Index
Typical	Ground	Both	Low Boom	Swimmer-adult	1.00E+02	--	--	9.78E+08	1.01E+07	--	--	--	9.95E+04
Typical	Ground	Both	High Boom	Swimmer-adult	1.00E+02	--	--	9.66E+08	9.93E+06	--	--	--	9.83E+04
Max	Ground	Both	Low Boom	Swimmer-adult	1.00E+02	--	--	5.89E+08	6.06E+06	--	--	--	6.00E+04
Max	Ground	Both	High Boom	Swimmer-adult	1.00E+02	--	--	5.83E+08	6.00E+06	--	--	--	5.94E+04

--Receptor not exposed via this pathway.
NA - Not Available.
NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Aggregrate Risk Indices - Routine Exposure Scenarios for Public Receptors

Herbicide: Dicamba

Programs: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

EIS HHRA

BLM

	Typical Application Rate Scenario ARIs (a) (b)		Maximum Application Rate Scenario ARIs (a) (b)	
AgDrift Scenario:	**Ground**	**Ground**	**Ground**	**Ground (Truck or ATV)**
Land Type:	**NA**	**NA**	**NA**	**NA**
Equipment (c):	**Low Boom**	**High Boom**	**Low Boom**	**High Boom**
Intermediate-Term Exposure				
Hiker/Hunter (Adult)	424	362	269	234
Berry Picker (Child)	195	171	122	109
Berry Picker (Adult)	410	345	261	225
Angler (Adult)	254	230	157	145
Residential (Child)	451	273	338	205
Residential (Adult)	741	449	556	336
Native American (Child)	39	38	24	23
Native American (Adult)	42	41	25	25
Swimmer (Child)	4,904	4,890	2,945	2,938
Swmmer (Adult)	22,736	22,671	13,654	13,623
Long-Term Exposure				
Hiker/Hunter (Adult)	986	704	675	494
Berry Picker (Child)	501	370	337	256
Berry Picker (Adult)	915	645	630	455
Angler (Adult)	727	560	481	380
Residential (Child)	451	273	338	205
Residential (Adult)	741	449	556	336
Native American (Child)	151	135	94	85
Native American (Adult)	167	153	103	96
Swimmer (Child)	21,469	21,206	12,934	12,807
Swmmer (Adult)	99,543	98,323	59,970	59,378

Notes:

ARI - Aggregrate Risk Index. Values less than one represent a level of concern. ARIs less than one are highlighted.

NA - Not Applicable.

(a) - ARIs are based on dermal, oral and dietary exposure.

(b) - Application rates are shown on Table 4-1 and are the same for each program.

(c) - Low and High Boom applies to a truck-mount or an All-Terrain Vehicle (ATV)-mount boom.

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses and Margins of Exposure
Scenario: Public Receptors - Routine Exposure
Pathway: Dermal Contact with Spray Drift
Pesticide: Diflufenzopyr
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Dermal Absorption Factor	Deposition Rate (mg/cm2)	Exposure Factor (cm2/kg-day)	Dermal Dose (mg/kg-day)	Dermal NOAELs (mg/kg-day)		MOE (unitless)	
								Int	Long	Int	Long
Typical	Ground	Low Boom	Hiker/Hunter	NA	1.06E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Hiker/Hunter	NA	1.75E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Hiker/Hunter	NA	1.41E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	Hiker/Hunter	NA	2.33E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Berry - child	NA	1.06E-05	1.07E+02	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Berry - child	NA	1.75E-05	1.07E+02	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Berry - child	NA	1.41E-05	1.07E+02	NC	NA	NA	NC	NC
Max	Ground	High Boom	Berry - child	NA	2.33E-05	1.07E+02	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Berry - adult	NA	1.06E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Berry - adult	NA	1.75E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Berry - adult	NA	1.41E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	Berry - adult	NA	2.33E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Angler	NA	1.06E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Angler	NA	1.75E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Angler	NA	1.41E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	Angler	NA	2.33E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Res-child	NA	1.06E-05	1.07E+02	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Res-child	NA	1.75E-05	1.07E+02	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Res-child	NA	1.41E-05	1.07E+02	NC	NA	NA	NC	NC
Max	Ground	High Boom	Res-child	NA	2.33E-05	1.07E+02	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Res-adult	NA	1.06E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Res-adult	NA	1.75E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Res-adult	NA	1.41E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	Res-adult	NA	2.33E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	N.A.-child	NA	1.06E-05	1.07E+02	NC	NA	NA	NC	NC
Typical	Ground	High Boom	N.A.-child	NA	1.75E-05	1.07E+02	NC	NA	NA	NC	NC
Max	Ground	Low Boom	N.A.-child	NA	1.41E-05	1.07E+02	NC	NA	NA	NC	NC
Max	Ground	High Boom	N.A.-child	NA	2.33E-05	1.07E+02	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	N.A.-adult	NA	1.06E-05	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	N.A.-adult	NA	1.75E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	N.A.-adult	NA	1.41E-05	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	N.A.-adult	NA	2.33E-05	6.43E+01	NC	NA	NA	NC	NC

NA - Not Available.
NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
Calculation: Potential Doses and Margins of Exposure
Scenario: Public Receptors - Routine Exposure
Pathway: Dermal Contact with Foliage
Pesticide: Diflufenzopyr
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Fraction a.i. Retained on Foliage	Dermal Absorption Factor	Deposition Rate (mg/cm2)	Dislodgeable Foliar Residue (mg/cm2)	Exposure Factor (cm2/kg-day)	Dermal Dose (mg/kg-day)	Dermal NOAELs (mg/kg-day)		MOE (unitless)	
										Int	Long	Int	Long
Typical	Ground	Low Boom	Hiker/Hunter	2.00E-01	NA	1.06E-05	2.12E-06	2.86E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Hiker/Hunter	2.00E-01	NA	1.75E-05	3.50E-06	2.86E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Hiker/Hunter	2.00E-01	NA	1.41E-05	2.82E-06	2.86E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	Hiker/Hunter	2.00E-01	NA	2.33E-05	4.66E-06	2.86E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Berry - child	2.00E-01	NA	1.06E-05	2.12E-06	4.00E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Berry - child	2.00E-01	NA	1.75E-05	3.50E-06	4.00E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Berry - child	2.00E-01	NA	1.41E-05	2.82E-06	4.00E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	Berry - child	2.00E-01	NA	2.33E-05	4.66E-06	4.00E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Berry - adult	2.00E-01	NA	1.06E-05	2.12E-06	4.29E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Berry - adult	2.00E-01	NA	1.75E-05	3.50E-06	4.29E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Berry - adult	2.00E-01	NA	1.41E-05	2.82E-06	4.29E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	Berry - adult	2.00E-01	NA	2.33E-05	4.66E-06	4.29E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Angler	2.00E-01	NA	1.06E-05	2.12E-06	2.86E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Angler	2.00E-01	NA	1.75E-05	3.50E-06	2.86E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Angler	2.00E-01	NA	1.41E-05	2.82E-06	2.86E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	Angler	2.00E-01	NA	2.33E-05	4.66E-06	2.86E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Res-child	2.00E-01	NA	1.06E-05	2.12E-06	6.93E+02	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Res-child	2.00E-01	NA	1.75E-05	3.50E-06	6.93E+02	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Res-child	2.00E-01	NA	1.41E-05	2.82E-06	6.93E+02	NC	NA	NA	NC	NC
Max	Ground	High Boom	Res-child	2.00E-01	NA	2.33E-05	4.66E-06	6.93E+02	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	Res-adult	2.00E-01	NA	1.06E-05	2.12E-06	4.14E+02	NC	NA	NA	NC	NC
Typical	Ground	High Boom	Res-adult	2.00E-01	NA	1.75E-05	3.50E-06	4.14E+02	NC	NA	NA	NC	NC
Max	Ground	Low Boom	Res-adult	2.00E-01	NA	1.41E-05	2.82E-06	4.14E+02	NC	NA	NA	NC	NC
Max	Ground	High Boom	Res-adult	2.00E-01	NA	2.33E-05	4.66E-06	4.14E+02	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	N.A.-child	2.00E-01	NA	1.06E-05	2.12E-06	6.00E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	N.A.-child	2.00E-01	NA	1.75E-05	3.50E-06	6.00E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	N.A.-child	2.00E-01	NA	1.41E-05	2.82E-06	6.00E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	N.A.-child	2.00E-01	NA	2.33E-05	4.66E-06	6.00E+01	NC	NA	NA	NC	NC
Typical	Ground	Low Boom	N.A.-adult	2.00E-01	NA	1.06E-05	2.12E-06	6.43E+01	NC	NA	NA	NC	NC
Typical	Ground	High Boom	N.A.-adult	2.00E-01	NA	1.75E-05	3.50E-06	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	Low Boom	N.A.-adult	2.00E-01	NA	1.41E-05	2.82E-06	6.43E+01	NC	NA	NA	NC	NC
Max	Ground	High Boom	N.A.-adult	2.00E-01	NA	2.33E-05	4.66E-06	6.43E+01	NC	NA	NA	NC	NC

NA - Not Available.
NC - Not Calculated (No dose-response value).