

Calculation: Potential Doses and Margins of Exposure
Scenario: Public Receptors - Routine Exposure
Pathway: Dermal Contact with Spray Drift
Pesticide: Dicamba
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) Short	MOE (unitless) Short
Typical	Ground	Low Boom	Hiker/Hunter	1.50E-01	2.64E-05	6.43E+01	2.55E-04	4.50E+01	1.77E+05
Typical	Ground	High Boom	Hiker/Hunter	1.50E-01	4.36E-05	6.43E+01	4.21E-04	4.50E+01	1.07E+05
Max	Ground	Low Boom	Hiker/Hunter	1.50E-01	3.52E-05	6.43E+01	3.40E-04	4.50E+01	1.32E+05
Max	Ground	High Boom	Hiker/Hunter	1.50E-01	5.82E-05	6.43E+01	5.62E-04	4.50E+01	8.01E+04
Typical	Ground	Low Boom	Berry - child	1.50E-01	2.64E-05	1.07E+02	4.24E-04	4.50E+01	1.06E+05
Typical	Ground	High Boom	Berry - child	1.50E-01	4.36E-05	1.07E+02	7.01E-04	4.50E+01	6.42E+04
Max	Ground	Low Boom	Berry - child	1.50E-01	3.52E-05	1.07E+02	5.66E-04	4.50E+01	7.96E+04
Max	Ground	High Boom	Berry - child	1.50E-01	5.82E-05	1.07E+02	9.35E-04	4.50E+01	4.81E+04
Typical	Ground	Low Boom	Berry - adult	1.50E-01	2.64E-05	6.43E+01	2.55E-04	4.50E+01	1.77E+05
Typical	Ground	High Boom	Berry - adult	1.50E-01	4.36E-05	6.43E+01	4.21E-04	4.50E+01	1.07E+05
Max	Ground	Low Boom	Berry - adult	1.50E-01	3.52E-05	6.43E+01	3.40E-04	4.50E+01	1.32E+05
Max	Ground	High Boom	Berry - adult	1.50E-01	5.82E-05	6.43E+01	5.62E-04	4.50E+01	8.01E+04
Typical	Ground	Low Boom	Angler	1.50E-01	2.64E-05	6.43E+01	2.55E-04	4.50E+01	1.77E+05
Typical	Ground	High Boom	Angler	1.50E-01	4.36E-05	6.43E+01	4.21E-04	4.50E+01	1.07E+05
Max	Ground	Low Boom	Angler	1.50E-01	3.52E-05	6.43E+01	3.40E-04	4.50E+01	1.32E+05
Max	Ground	High Boom	Angler	1.50E-01	5.82E-05	6.43E+01	5.62E-04	4.50E+01	8.01E+04
Typical	Ground	Low Boom	Res-child	1.50E-01	2.64E-05	1.07E+02	4.24E-04	4.50E+01	1.06E+05
Typical	Ground	High Boom	Res-child	1.50E-01	4.36E-05	1.07E+02	7.01E-04	4.50E+01	6.42E+04
Max	Ground	Low Boom	Res-child	1.50E-01	3.52E-05	1.07E+02	5.66E-04	4.50E+01	7.96E+04
Max	Ground	High Boom	Res-child	1.50E-01	5.82E-05	1.07E+02	9.35E-04	4.50E+01	4.81E+04
Typical	Ground	Low Boom	Res-adult	1.50E-01	2.64E-05	6.43E+01	2.55E-04	4.50E+01	1.77E+05
Typical	Ground	High Boom	Res-adult	1.50E-01	4.36E-05	6.43E+01	4.21E-04	4.50E+01	1.07E+05
Max	Ground	Low Boom	Res-adult	1.50E-01	3.52E-05	6.43E+01	3.40E-04	4.50E+01	1.32E+05
Max	Ground	High Boom	Res-adult	1.50E-01	5.82E-05	6.43E+01	5.62E-04	4.50E+01	8.01E+04
Typical	Ground	Low Boom	N.A.-child	1.50E-01	2.64E-05	1.07E+02	4.24E-04	4.50E+01	1.06E+05
Typical	Ground	High Boom	N.A.-child	1.50E-01	4.36E-05	1.07E+02	7.01E-04	4.50E+01	6.42E+04
Max	Ground	Low Boom	N.A.-child	1.50E-01	3.52E-05	1.07E+02	5.66E-04	4.50E+01	7.96E+04
Max	Ground	High Boom	N.A.-child	1.50E-01	5.82E-05	1.07E+02	9.35E-04	4.50E+01	4.81E+04
Typical	Ground	Low Boom	N.A.-adult	1.50E-01	2.64E-05	6.43E+01	2.55E-04	4.50E+01	1.77E+05
Typical	Ground	High Boom	N.A.-adult	1.50E-01	4.36E-05	6.43E+01	4.21E-04	4.50E+01	1.07E+05
Max	Ground	Low Boom	N.A.-adult	1.50E-01	3.52E-05	6.43E+01	3.40E-04	4.50E+01	1.32E+05
Max	Ground	High Boom	N.A.-adult	1.50E-01	5.82E-05	6.43E+01	5.62E-04	4.50E+01	8.01E+04

NA - Not Available.

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

Calculation: Potential Doses and Margins of Exposure
 Scenario: Public Receptors - Routine Exposure
 Pathway: Dermal Contact with Foliage
 Pesticide: Dicamba
 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) Short	MOE (unitless) Short
Typical	Ground	Low Boom	Hiker/Hunter	2.00E-01	1.50E-01	2.64E-05	5.28E-06	2.86E+01	2.26E-05	4.50E+01	1.99E+06
Typical	Ground	High Boom	Hiker/Hunter	2.00E-01	1.50E-01	4.36E-05	8.72E-06	2.86E+01	3.74E-05	4.50E+01	1.20E+06
Max	Ground	Low Boom	Hiker/Hunter	2.00E-01	1.50E-01	3.52E-05	7.04E-06	2.86E+01	3.02E-05	4.50E+01	1.49E+06
Max	Ground	High Boom	Hiker/Hunter	2.00E-01	1.50E-01	5.82E-05	1.16E-05	2.86E+01	4.99E-05	4.50E+01	9.02E+05
Typical	Ground	Low Boom	Berry - child	2.00E-01	1.50E-01	2.64E-05	5.28E-06	4.00E+01	3.17E-05	4.50E+01	1.42E+06
Typical	Ground	High Boom	Berry - child	2.00E-01	1.50E-01	4.36E-05	8.72E-06	4.00E+01	5.23E-05	4.50E+01	8.60E+05
Max	Ground	Low Boom	Berry - child	2.00E-01	1.50E-01	3.52E-05	7.04E-06	4.00E+01	4.22E-05	4.50E+01	1.07E+06
Max	Ground	High Boom	Berry - child	2.00E-01	1.50E-01	5.82E-05	1.16E-05	4.00E+01	6.98E-05	4.50E+01	6.44E+05
Typical	Ground	Low Boom	Berry - adult	2.00E-01	1.50E-01	2.64E-05	5.28E-06	4.29E+01	3.39E-05	4.50E+01	1.33E+06
Typical	Ground	High Boom	Berry - adult	2.00E-01	1.50E-01	4.36E-05	8.72E-06	4.29E+01	5.61E-05	4.50E+01	8.03E+05
Max	Ground	Low Boom	Berry - adult	2.00E-01	1.50E-01	3.52E-05	7.04E-06	4.29E+01	4.53E-05	4.50E+01	9.94E+05
Max	Ground	High Boom	Berry - adult	2.00E-01	1.50E-01	5.82E-05	1.16E-05	4.29E+01	7.48E-05	4.50E+01	6.01E+05
Typical	Ground	Low Boom	Angler	2.00E-01	1.50E-01	2.64E-05	5.28E-06	2.86E+01	2.26E-05	4.50E+01	1.99E+06
Typical	Ground	High Boom	Angler	2.00E-01	1.50E-01	4.36E-05	8.72E-06	2.86E+01	3.74E-05	4.50E+01	1.20E+06
Max	Ground	Low Boom	Angler	2.00E-01	1.50E-01	3.52E-05	7.04E-06	2.86E+01	3.02E-05	4.50E+01	1.49E+06
Max	Ground	High Boom	Angler	2.00E-01	1.50E-01	5.82E-05	1.16E-05	2.86E+01	4.99E-05	4.50E+01	9.02E+05
Typical	Ground	Low Boom	Res-child	2.00E-01	1.50E-01	2.64E-05	5.28E-06	6.93E+02	5.49E-04	4.50E+01	8.19E+04
Typical	Ground	High Boom	Res-child	2.00E-01	1.50E-01	4.36E-05	8.72E-06	6.93E+02	9.07E-04	4.50E+01	4.96E+04
Max	Ground	Low Boom	Res-child	2.00E-01	1.50E-01	3.52E-05	7.04E-06	6.93E+02	7.32E-04	4.50E+01	6.15E+04
Max	Ground	High Boom	Res-child	2.00E-01	1.50E-01	5.82E-05	1.16E-05	6.93E+02	1.21E-03	4.50E+01	3.72E+04
Typical	Ground	Low Boom	Res-adult	2.00E-01	1.50E-01	2.64E-05	5.28E-06	4.14E+02	3.28E-04	4.50E+01	1.37E+05
Typical	Ground	High Boom	Res-adult	2.00E-01	1.50E-01	4.36E-05	8.72E-06	4.14E+02	5.42E-04	4.50E+01	8.30E+04
Max	Ground	Low Boom	Res-adult	2.00E-01	1.50E-01	3.52E-05	7.04E-06	4.14E+02	4.37E-04	4.50E+01	1.03E+05
Max	Ground	High Boom	Res-adult	2.00E-01	1.50E-01	5.82E-05	1.16E-05	4.14E+02	7.23E-04	4.50E+01	6.22E+04
Typical	Ground	Low Boom	N.A.-child	2.00E-01	1.50E-01	2.64E-05	5.28E-06	6.00E+01	4.75E-05	4.50E+01	9.47E+05
Typical	Ground	High Boom	N.A.-child	2.00E-01	1.50E-01	4.36E-05	8.72E-06	6.00E+01	7.85E-05	4.50E+01	5.73E+05
Max	Ground	Low Boom	N.A.-child	2.00E-01	1.50E-01	3.52E-05	7.04E-06	6.00E+01	6.34E-05	4.50E+01	7.10E+05
Max	Ground	High Boom	N.A.-child	2.00E-01	1.50E-01	5.82E-05	1.16E-05	6.00E+01	1.05E-04	4.50E+01	4.30E+05
Typical	Ground	Low Boom	N.A.-adult	2.00E-01	1.50E-01	2.64E-05	5.28E-06	6.43E+01	5.09E-05	4.50E+01	8.84E+05
Typical	Ground	High Boom	N.A.-adult	2.00E-01	1.50E-01	4.36E-05	8.72E-06	6.43E+01	8.41E-05	4.50E+01	5.35E+05
Max	Ground	Low Boom	N.A.-adult	2.00E-01	1.50E-01	3.52E-05	7.04E-06	6.43E+01	6.79E-05	4.50E+01	6.63E+05
Max	Ground	High Boom	N.A.-adult	2.00E-01	1.50E-01	5.82E-05	1.16E-05	6.43E+01	1.12E-04	4.50E+01	4.01E+05

NA - Not Available.

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

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) Acute	%PAD (unitless) Acute
Typical	Ground	Low Boom	Berry - child	2.00E-01	2.64E-05	4.60E+00	2.43E-05	1.00E+00	0.002429%
Typical	Ground	High Boom	Berry - child	2.00E-01	4.36E-05	4.60E+00	4.01E-05	1.00E+00	0.004011%
Max	Ground	Low Boom	Berry - child	2.00E-01	3.52E-05	4.60E+00	3.24E-05	1.00E+00	0.003238%
Max	Ground	High Boom	Berry - child	2.00E-01	5.82E-05	4.60E+00	5.35E-05	1.00E+00	0.005354%
Typical	Ground	Low Boom	Berry - adult	2.00E-01	2.64E-05	4.57E+00	2.41E-05	1.00E+00	0.002414%
Typical	Ground	High Boom	Berry - adult	2.00E-01	4.36E-05	4.57E+00	3.99E-05	1.00E+00	0.003986%
Max	Ground	Low Boom	Berry - adult	2.00E-01	3.52E-05	4.57E+00	3.22E-05	1.00E+00	0.003218%
Max	Ground	High Boom	Berry - adult	2.00E-01	5.82E-05	4.57E+00	5.32E-05	1.00E+00	0.005321%
Typical	Ground	Low Boom	Res-child	2.00E-01	2.64E-05	4.60E+00	2.43E-05	1.00E+00	0.002429%
Typical	Ground	High Boom	Res-child	2.00E-01	4.36E-05	4.60E+00	4.01E-05	1.00E+00	0.004011%
Max	Ground	Low Boom	Res-child	2.00E-01	3.52E-05	4.60E+00	3.24E-05	1.00E+00	0.003238%
Max	Ground	High Boom	Res-child	2.00E-01	5.82E-05	4.60E+00	5.35E-05	1.00E+00	0.005354%
Typical	Ground	Low Boom	Res-adult	2.00E-01	2.64E-05	4.57E+00	2.41E-05	1.00E+00	0.002414%
Typical	Ground	High Boom	Res-adult	2.00E-01	4.36E-05	4.57E+00	3.99E-05	1.00E+00	0.003986%
Max	Ground	Low Boom	Res-adult	2.00E-01	3.52E-05	4.57E+00	3.22E-05	1.00E+00	0.003218%
Max	Ground	High Boom	Res-adult	2.00E-01	5.82E-05	4.57E+00	5.32E-05	1.00E+00	0.005321%
Typical	Ground	Low Boom	N.American - child	2.00E-01	2.64E-05	4.60E+00	2.43E-05	1.00E+00	0.002429%
Typical	Ground	High Boom	N.American - child	2.00E-01	4.36E-05	4.60E+00	4.01E-05	1.00E+00	0.004011%
Max	Ground	Low Boom	N.American - child	2.00E-01	3.52E-05	4.60E+00	3.24E-05	1.00E+00	0.003238%
Max	Ground	High Boom	N.American - child	2.00E-01	5.82E-05	4.60E+00	5.35E-05	1.00E+00	0.005354%
Typical	Ground	Low Boom	N.American - adult	2.00E-01	2.64E-05	4.57E+00	2.41E-05	1.00E+00	0.002414%
Typical	Ground	High Boom	N.American - adult	2.00E-01	4.36E-05	4.57E+00	3.99E-05	1.00E+00	0.003986%
Max	Ground	Low Boom	N.American - adult	2.00E-01	3.52E-05	4.57E+00	3.22E-05	1.00E+00	0.003218%
Max	Ground	High Boom	N.American - adult	2.00E-01	5.82E-05	4.57E+00	5.32E-05	1.00E+00	0.005321%

NA - Not Available.

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

Calculation: Potential Doses and Margins of Exposure
 Scenario: Public Receptors - Routine Exposure
 Pathway: Dermal Contact with Water While Swimming - Short-Term Exposure
 Pesticide: Dicamba
 Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Skin Permeability Constant (cm/hr)	Short-Term Water Concentration (mg/L)	Unit Correction Factor (L/cm ³)	Exposure Factor (cm ² -hr/kg-day)	Absorbed Dose (mg/kg-day)	Oral NOAEL (mg/kg-day) Short/Int	Short-Term MOE (unitless) Short/Int
Typical	Ground	Low Boom	Swimmer-child	2.86E-05	3.19E-02	1.00E-03	4.40E+02	4.01E-07	4.50E+01	1.12E+08
Typical	Ground	High Boom	Swimmer-child	2.86E-05	3.19E-02	1.00E-03	4.40E+02	4.02E-07	4.50E+01	1.12E+08
Max	Ground	Low Boom	Swimmer-child	2.86E-05	5.31E-02	1.00E-03	4.40E+02	6.67E-07	4.50E+01	6.74E+07
Max	Ground	High Boom	Swimmer-child	2.86E-05	5.32E-02	1.00E-03	4.40E+02	6.69E-07	4.50E+01	6.73E+07
Typical	Ground	Low Boom	Swimmer-adult	2.86E-05	3.19E-02	1.00E-03	2.57E+02	2.34E-07	4.50E+01	1.92E+08
Typical	Ground	High Boom	Swimmer-adult	2.86E-05	3.19E-02	1.00E-03	2.57E+02	2.35E-07	4.50E+01	1.92E+08
Max	Ground	Low Boom	Swimmer-adult	2.86E-05	5.31E-02	1.00E-03	2.57E+02	3.90E-07	4.50E+01	1.15E+08
Max	Ground	High Boom	Swimmer-adult	2.86E-05	5.32E-02	1.00E-03	2.57E+02	3.91E-07	4.50E+01	1.15E+08
Typical	Ground	Low Boom	N.American-child	2.86E-05	3.19E-02	1.00E-03	1.14E+03	1.04E-06	4.50E+01	4.32E+07
Typical	Ground	High Boom	N.American-child	2.86E-05	3.19E-02	1.00E-03	1.14E+03	1.04E-06	4.50E+01	4.31E+07
Max	Ground	Low Boom	N.American-child	2.86E-05	5.31E-02	1.00E-03	1.14E+03	1.73E-06	4.50E+01	2.59E+07
Max	Ground	High Boom	N.American-child	2.86E-05	5.32E-02	1.00E-03	1.14E+03	1.74E-06	4.50E+01	2.59E+07
Typical	Ground	Low Boom	N.American-adult	2.86E-05	3.19E-02	1.00E-03	6.69E+02	6.09E-07	4.50E+01	7.39E+07
Typical	Ground	High Boom	N.American-adult	2.86E-05	3.19E-02	1.00E-03	6.69E+02	6.10E-07	4.50E+01	7.37E+07
Max	Ground	Low Boom	N.American-adult	2.86E-05	5.31E-02	1.00E-03	6.69E+02	1.01E-06	4.50E+01	4.44E+07
Max	Ground	High Boom	N.American-adult	2.86E-05	5.32E-02	1.00E-03	6.69E+02	1.02E-06	4.50E+01	4.43E+07

Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses
 Scenario: Public Receptors - Routine Exposure
 Pathway: Incidental Ingestion of Water while Swimming - Short-Term Exposure
 Pesticide: Dicamba
 Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Short-Term Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Incidental Ingestion	
							Oral NOAEL (mg/kg-day) Short/Int	Short-Term MOE (unitless) Short/Int
Typical	Ground	Low Boom	Swimmer-child	3.19E-02	3.33E-03	1.06E-04	4.50E+01	4.24E+05
Typical	Ground	High Boom	Swimmer-child	3.19E-02	3.33E-03	1.06E-04	4.50E+01	4.23E+05
Max	Ground	Low Boom	Swimmer-child	5.31E-02	3.33E-03	1.77E-04	4.50E+01	2.54E+05
Max	Ground	High Boom	Swimmer-child	5.32E-02	3.33E-03	1.77E-04	4.50E+01	2.54E+05
Typical	Ground	Low Boom	Swimmer-adult	3.19E-02	7.14E-04	2.28E-05	4.50E+01	1.98E+06
Typical	Ground	High Boom	Swimmer-adult	3.19E-02	7.14E-04	2.28E-05	4.50E+01	1.97E+06
Max	Ground	Low Boom	Swimmer-adult	5.31E-02	7.14E-04	3.79E-05	4.50E+01	1.19E+06
Max	Ground	High Boom	Swimmer-adult	5.32E-02	7.14E-04	3.80E-05	4.50E+01	1.18E+06

Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses
Scenario: Public Receptors - Routine Exposure
Pathway: Drinking Water Ingestion - Short-Term Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Short-Term Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Drinking Water	
							PAD (mg/kg-day) Acute	%PAD (unitless) Acute
Typical	Ground	Low Boom	Hiker/Hunter	3.19E-02	2.86E-02	9.11E-04	1.00E+00	0.091061%
Typical	Ground	High Boom	Hiker/Hunter	3.19E-02	2.86E-02	9.13E-04	1.00E+00	0.091283%
Max	Ground	Low Boom	Hiker/Hunter	5.31E-02	2.86E-02	1.52E-03	1.00E+00	0.151647%
Max	Ground	High Boom	Hiker/Hunter	5.32E-02	2.86E-02	1.52E-03	1.00E+00	0.151943%
Typical	Ground	Low Boom	Berry - child	3.19E-02	6.67E-02	2.12E-03	1.00E+00	0.212476%
Typical	Ground	High Boom	Berry - child	3.19E-02	6.67E-02	2.13E-03	1.00E+00	0.212994%
Max	Ground	Low Boom	Berry - child	5.31E-02	6.67E-02	3.54E-03	1.00E+00	0.353842%
Max	Ground	High Boom	Berry - child	5.32E-02	6.67E-02	3.55E-03	1.00E+00	0.354534%
Typical	Ground	Low Boom	Berry - adult	3.19E-02	2.86E-02	9.11E-04	1.00E+00	0.091061%
Typical	Ground	High Boom	Berry - adult	3.19E-02	2.86E-02	9.13E-04	1.00E+00	0.091283%
Max	Ground	Low Boom	Berry - adult	5.31E-02	2.86E-02	1.52E-03	1.00E+00	0.151647%
Max	Ground	High Boom	Berry - adult	5.32E-02	2.86E-02	1.52E-03	1.00E+00	0.151943%
Typical	Ground	Low Boom	Angler	3.19E-02	2.86E-02	9.11E-04	1.00E+00	0.091061%
Typical	Ground	High Boom	Angler	3.19E-02	2.86E-02	9.13E-04	1.00E+00	0.091283%
Max	Ground	Low Boom	Angler	5.31E-02	2.86E-02	1.52E-03	1.00E+00	0.151647%
Max	Ground	High Boom	Angler	5.32E-02	2.86E-02	1.52E-03	1.00E+00	0.151943%
Typical	Ground	Low Boom	N.American - child	3.19E-02	3.33E-02	1.06E-03	1.00E+00	0.106238%
Typical	Ground	High Boom	N.American - child	3.19E-02	3.33E-02	1.06E-03	1.00E+00	0.106497%
Max	Ground	Low Boom	N.American - child	5.31E-02	3.33E-02	1.77E-03	1.00E+00	0.176921%
Max	Ground	High Boom	N.American - child	5.32E-02	3.33E-02	1.77E-03	1.00E+00	0.177267%
Typical	Ground	Low Boom	N.American - adult	3.19E-02	1.43E-02	4.55E-04	1.00E+00	0.045530%
Typical	Ground	High Boom	N.American - adult	3.19E-02	1.43E-02	4.56E-04	1.00E+00	0.045642%
Max	Ground	Low Boom	N.American - adult	5.31E-02	1.43E-02	7.58E-04	1.00E+00	0.075823%
Max	Ground	High Boom	N.American - adult	5.32E-02	1.43E-02	7.60E-04	1.00E+00	0.075971%

NA - Not Available.

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

Calculation: Potential Doses and Population Adjusted Doses
 Scenario: Public Receptors - Routine Exposure
 Pathway: Ingestion of Fish - Short-Term Exposure
 Pesticide: Dicamba
 Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Short-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) Acute	%PAD (unitless) Acute
Typical	Ground	Low Boom	Angler	3.19E-02	2.88E+01	1.00E-06	9.00E+02	8.26E-04	1.00E+00	0.082553%
Typical	Ground	High Boom	Angler	3.19E-02	2.88E+01	1.00E-06	9.00E+02	8.28E-04	1.00E+00	0.082755%
Max	Ground	Low Boom	Angler	5.31E-02	2.88E+01	1.00E-06	9.00E+02	1.37E-03	1.00E+00	0.137478%
Max	Ground	High Boom	Angler	5.32E-02	2.88E+01	1.00E-06	9.00E+02	1.38E-03	1.00E+00	0.137747%
Typical	Ground	Low Boom	N.American - child	3.19E-02	2.88E+01	1.00E-06	1.27E+04	1.16E-02	1.00E+00	1.161859%
Typical	Ground	High Boom	N.American - child	3.19E-02	2.88E+01	1.00E-06	1.27E+04	1.16E-02	1.00E+00	1.164693%
Max	Ground	Low Boom	N.American - child	5.31E-02	2.88E+01	1.00E-06	1.27E+04	1.93E-02	1.00E+00	1.934881%
Max	Ground	High Boom	N.American - child	5.32E-02	2.88E+01	1.00E-06	1.27E+04	1.94E-02	1.00E+00	1.938660%
Typical	Ground	Low Boom	N.American - adult	3.19E-02	2.88E+01	1.00E-06	1.26E+04	1.16E-02	1.00E+00	1.159675%
Typical	Ground	High Boom	N.American - adult	3.19E-02	2.88E+01	1.00E-06	1.26E+04	1.16E-02	1.00E+00	1.162504%
Max	Ground	Low Boom	N.American - adult	5.31E-02	2.88E+01	1.00E-06	1.26E+04	1.93E-02	1.00E+00	1.931244%
Max	Ground	High Boom	N.American - adult	5.32E-02	2.88E+01	1.00E-06	1.26E+04	1.94E-02	1.00E+00	1.935016%

NA - Not Available.

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

Calculation: Aggregate Risk Index - Short Term Exposure Scenario
Scenario: Public Receptors - Routine Exposure
Pesticide: Dicamba
Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Target MOE	Dermal Exposure Pathways			Incidental Ingestion Short/Int Term Oral Water MOE	Dietary Exposure Pathways			Short-Term Aggregate Risk Index
					Short-Term Dermal Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE		Acute Water %PAD	Acute Berries %PAD	Acute Fish %PAD	
Typical	Ground	Low Boom	Hiker/Hunter	1.00E+02	1.77E+05	1.99E+06	--	--	0.091061%	--	--	6.55E+02
Typical	Ground	High Boom	Hiker/Hunter	1.00E+02	1.07E+05	1.20E+06	--	--	0.091283%	--	--	5.18E+02
Max	Ground	Low Boom	Hiker/Hunter	1.00E+02	1.32E+05	1.49E+06	--	--	0.151647%	--	--	4.28E+02
Max	Ground	High Boom	Hiker/Hunter	1.00E+02	8.01E+04	9.02E+05	--	--	0.151943%	--	--	3.47E+02
Typical	Ground	Low Boom	Berry - child	1.00E+02	1.06E+05	1.42E+06	--	--	0.212476%	0.002429%	--	3.16E+02
Typical	Ground	High Boom	Berry - child	1.00E+02	6.42E+04	8.60E+05	--	--	0.212994%	0.004011%	--	2.60E+02
Max	Ground	Low Boom	Berry - child	1.00E+02	7.96E+04	1.07E+06	--	--	0.353842%	0.003238%	--	2.03E+02
Max	Ground	High Boom	Berry - child	1.00E+02	4.81E+04	6.44E+05	--	--	0.354534%	0.005354%	--	1.71E+02
Typical	Ground	Low Boom	Berry - adult	1.00E+02	1.77E+05	1.33E+06	--	--	0.091061%	0.002414%	--	6.34E+02
Typical	Ground	High Boom	Berry - adult	1.00E+02	1.07E+05	8.03E+05	--	--	0.091283%	0.003986%	--	4.97E+02
Max	Ground	Low Boom	Berry - adult	1.00E+02	1.32E+05	9.94E+05	--	--	0.151647%	0.003218%	--	4.16E+02
Max	Ground	High Boom	Berry - adult	1.00E+02	8.01E+04	6.01E+05	--	--	0.151943%	0.005321%	--	3.35E+02
Typical	Ground	Low Boom	Angler	1.00E+02	1.77E+05	1.99E+06	--	--	0.091061%	--	0.082553%	4.25E+02
Typical	Ground	High Boom	Angler	1.00E+02	1.07E+05	1.20E+06	--	--	0.091283%	--	0.082755%	3.63E+02
Max	Ground	Low Boom	Angler	1.00E+02	1.32E+05	1.49E+06	--	--	0.151647%	--	0.137478%	2.69E+02
Max	Ground	High Boom	Angler	1.00E+02	8.01E+04	9.02E+05	--	--	0.151943%	--	0.137747%	2.35E+02
Typical	Ground	Low Boom	Res-child	1.00E+02	1.06E+05	8.19E+04	--	--	--	0.002429%	--	4.57E+02
Typical	Ground	High Boom	Res-child	1.00E+02	6.42E+04	4.96E+04	--	--	--	0.004011%	--	2.77E+02
Max	Ground	Low Boom	Res-child	1.00E+02	7.96E+04	6.15E+04	--	--	--	0.003238%	--	3.43E+02
Max	Ground	High Boom	Res-child	1.00E+02	4.81E+04	3.72E+04	--	--	--	0.005354%	--	2.07E+02
Typical	Ground	Low Boom	Res-adult	1.00E+02	1.77E+05	1.37E+05	--	--	--	0.002414%	--	7.58E+02
Typical	Ground	High Boom	Res-adult	1.00E+02	1.07E+05	8.30E+04	--	--	--	0.003986%	--	4.59E+02
Max	Ground	Low Boom	Res-adult	1.00E+02	1.32E+05	1.03E+05	--	--	--	0.003218%	--	5.68E+02
Max	Ground	High Boom	Res-adult	1.00E+02	8.01E+04	6.22E+04	--	--	--	0.005321%	--	3.44E+02
Typical	Ground	Low Boom	N.A.-child	1.00E+02	1.06E+05	9.47E+05	4.32E+07	--	0.106238%	0.002429%	1.161859%	7.27E+01
Typical	Ground	High Boom	N.A.-child	1.00E+02	6.42E+04	5.73E+05	4.31E+07	--	0.106497%	0.004011%	1.164693%	6.90E+01
Max	Ground	Low Boom	N.A.-child	1.00E+02	7.96E+04	7.10E+05	2.59E+07	--	0.176921%	0.003238%	1.934881%	4.43E+01
Max	Ground	High Boom	N.A.-child	1.00E+02	4.81E+04	4.30E+05	2.59E+07	--	0.177267%	0.005354%	1.938660%	4.25E+01
Typical	Ground	Low Boom	N.A.-adult	1.00E+02	1.77E+05	8.84E+05	7.39E+07	--	0.045530%	0.002414%	1.159675%	7.84E+01
Typical	Ground	High Boom	N.A.-adult	1.00E+02	1.07E+05	5.35E+05	7.37E+07	--	0.045642%	0.003986%	1.162504%	7.55E+01
Max	Ground	Low Boom	N.A.-adult	1.00E+02	1.32E+05	6.63E+05	4.44E+07	--	0.075823%	0.003218%	1.931244%	4.76E+01
Max	Ground	High Boom	N.A.-adult	1.00E+02	8.01E+04	4.01E+05	4.43E+07	--	0.075971%	0.005321%	1.935016%	4.62E+01
Typical	Ground	Low Boom	Swimmer-child	1.00E+02	--	--	1.12E+08	4.24E+05	--	--	--	4.22E+03
Typical	Ground	High Boom	Swimmer-child	1.00E+02	--	--	1.12E+08	4.23E+05	--	--	--	4.21E+03
Max	Ground	Low Boom	Swimmer-child	1.00E+02	--	--	6.74E+07	2.54E+05	--	--	--	2.53E+03
Max	Ground	High Boom	Swimmer-child	1.00E+02	--	--	6.73E+07	2.54E+05	--	--	--	2.53E+03
Typical	Ground	Low Boom	Swimmer-adult	1.00E+02	--	--	1.92E+08	1.98E+06	--	--	--	1.96E+04
Typical	Ground	High Boom	Swimmer-adult	1.00E+02	--	--	1.92E+08	1.97E+06	--	--	--	1.95E+04

Calculation: Aggregate Risk Index - Short Term Exposure Scenario
 Scenario: Public Receptors - Routine Exposure
 Pesticide: Dicamba
 Program: Rangeland, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Equipment	Public Receptor	Target MOE	Dermal Exposure Pathways			Incidental Ingestion	Dietary Exposure Pathways			Short-Term
					Short-Term Dermal		Short/Int Term Oral	Short/Int Term Oral	Acute Water %PAD	Acute Berries %PAD	Acute Fish %PAD	Aggregate Risk Index
					Drift MOE	Foliage MOE	Water MOE	Water MOE				
Max	Ground	Low Boom	Swimmer-adult	1.00E+02	--	--	1.15E+08	1.19E+06	--	--	--	1.17E+04
Max	Ground	High Boom	Swimmer-adult	1.00E+02	--	--	1.15E+08	1.18E+06	--	--	--	1.17E+04

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