

Calculation: Potential Doses and Margins of Exposure  
 Scenario: Public Receptors - Routine Exposure  
 Pathway: Dermal Contact with Foliage  
 Pesticide: Sulfometuron methyl  
 Program: Forest, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Foliage	Dermal Absorption Factor	Deposition Rate (mg/cm2)	Foliar Residue (mg/cm2)	Dislodgeable	Exposure Factor (cm2/kg-day)	Dermal Dose (mg/kg-day)	Dermal NOAELs (mg/kg-day)	MOE (unitless)
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	2.00E-01	NA	1.00E-04	2.00E-05	2.86E+01	--	--	Short	--
Typical	Aerial	Forestry	Helicopter	Hiker/Hunter	2.00E-01	NA	3.00E-04	6.00E-05	2.86E+01	--	--	NA	--
Typical	Ground	Both	Low Boom	Hiker/Hunter	2.00E-01	NA	1.99E-05	3.98E-06	2.86E+01	--	--	NA	--
Typical	Ground	Both	High Boom	Hiker/Hunter	2.00E-01	NA	3.28E-05	6.56E-06	2.86E+01	--	--	NA	--
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	2.00E-01	NA	3.00E-04	6.00E-05	2.86E+01	--	--	NA	--
Max	Aerial	Forestry	Helicopter	Hiker/Hunter	2.00E-01	NA	8.00E-04	1.60E-04	2.86E+01	--	--	NA	--
Max	Ground	Both	Low Boom	Hiker/Hunter	2.00E-01	NA	5.28E-05	1.06E-05	2.86E+01	--	--	NA	--
Typical	Aerial	Agricultural	High Boom	Hiker/Hunter	2.00E-01	NA	8.73E-05	1.75E-05	2.86E+01	--	--	NA	--
Typical	Aerial	Forestry	Helicopter	Berry - child	2.00E-01	NA	1.00E-04	2.00E-05	4.00E+01	--	--	NA	--
Typical	Ground	Both	Low Boom	Berry - child	2.00E-01	NA	3.00E-04	6.00E-05	4.00E+01	--	--	NA	--
Typical	Ground	Both	High Boom	Berry - child	2.00E-01	NA	1.99E-05	3.98E-06	4.00E+01	--	--	NA	--
Max	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	NA	3.28E-05	6.56E-06	4.00E+01	--	--	NA	--
Max	Aerial	Forestry	Helicopter	Berry - child	2.00E-01	NA	3.00E-04	6.00E-05	4.00E+01	--	--	NA	--
Max	Ground	Both	Low Boom	Berry - child	2.00E-01	NA	8.00E-04	1.60E-04	4.00E+01	--	--	NA	--
Max	Ground	Both	High Boom	Berry - child	2.00E-01	NA	5.28E-05	1.06E-05	4.00E+01	--	--	NA	--
Typical	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	NA	8.73E-05	1.75E-05	4.00E+01	--	--	NA	--
Typical	Aerial	Forestry	Helicopter	Berry - adult	2.00E-01	NA	1.00E-04	2.00E-05	4.29E+01	--	--	NA	--
Typical	Ground	Both	Low Boom	Berry - adult	2.00E-01	NA	3.00E-04	6.00E-05	4.29E+01	--	--	NA	--
Typical	Ground	Both	High Boom	Berry - adult	2.00E-01	NA	1.99E-05	3.98E-06	4.29E+01	--	--	NA	--
Max	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	NA	3.28E-05	6.56E-06	4.29E+01	--	--	NA	--
Max	Aerial	Forestry	Helicopter	Berry - adult	2.00E-01	NA	3.00E-04	6.00E-05	4.29E+01	--	--	NA	--
Max	Ground	Both	Low Boom	Berry - adult	2.00E-01	NA	8.00E-04	1.60E-04	4.29E+01	--	--	NA	--
Max	Ground	Both	High Boom	Berry - adult	2.00E-01	NA	5.28E-05	1.06E-05	4.29E+01	--	--	NA	--
Typical	Aerial	Agricultural	Helicopter	Angler	2.00E-01	NA	8.73E-05	1.75E-05	4.29E+01	--	--	NA	--
Typical	Aerial	Forestry	Helicopter	Angler	2.00E-01	NA	1.00E-04	2.00E-05	2.86E+01	--	--	NA	--
Typical	Ground	Both	Low Boom	Angler	2.00E-01	NA	3.00E-04	6.00E-05	2.86E+01	--	--	NA	--
Typical	Ground	Both	High Boom	Angler	2.00E-01	NA	1.99E-05	3.98E-06	2.86E+01	--	--	NA	--
Max	Aerial	Agricultural	Helicopter	Angler	2.00E-01	NA	3.28E-05	6.56E-06	2.86E+01	--	--	NA	--
Max	Aerial	Forestry	Helicopter	Angler	2.00E-01	NA	3.00E-04	6.00E-05	2.86E+01	--	--	NA	--
Max	Ground	Both	Low Boom	Angler	2.00E-01	NA	8.00E-04	1.60E-04	2.86E+01	--	--	NA	--
Max	Ground	Both	High Boom	Angler	2.00E-01	NA	5.28E-05	1.06E-05	2.86E+01	--	--	NA	--
Typical	Aerial	Agricultural	Helicopter	Angler	2.00E-01	NA	8.73E-05	1.75E-05	2.86E+01	--	--	NA	--
Typical	Aerial	Forestry	Helicopter	Res-child	2.00E-01	NA	1.00E-04	2.00E-05	2.86E+01	--	--	NA	--
Typical	Ground	Both	Low Boom	Res-child	2.00E-01	NA	3.00E-04	6.00E-05	6.93E+02	--	--	NA	--
Typical	Ground	Both	High Boom	Res-child	2.00E-01	NA	1.99E-05	3.98E-06	6.93E+02	--	--	NA	--
Max	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	NA	3.28E-05	6.56E-06	6.93E+02	--	--	NA	--
Max	Aerial	Forestry	Helicopter	Res-child	2.00E-01	NA	3.00E-04	6.00E-05	6.93E+02	--	--	NA	--

Calculation Potential Doses and Margins of Exposure  
 Scenario: Public Receptors - Routine Exposure  
 Pathway: Dermal Contact with Foliage  
 Pesticide: Sulfometuron methyl  
 Program: Forest, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Foliage	Dermal Absorption Factor	Deposition Rate (mg/cm <sup>2</sup> )	Dislodgeable Foliar Residue (mg/cm <sup>2</sup> )	Exposure Factor (cm <sup>2</sup> /kg-day)	Dermal Dose (mg/kg-day)	Dermal NOAELs (mg/kg-day)	MOE (unitless)
											Short	Short
Max	Aerial	Forestry	Helicopter	Res-child	2.00E-01	NA	8.00E-04	1.60E-04	6.93E+02	--	NA	--
Max	Ground	Both	Low Boom	Res-child	2.00E-01	NA	5.28E-05	1.06E-05	6.93E+02	--	NA	--
Max	Ground	Both	High Boom	Res-child	2.00E-01	NA	8.73E-05	1.75E-05	6.93E+02	--	NA	--
Typical	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	NA	1.00E-04	2.00E-05	4.14E+02	--	NA	--
Typical	Aerial	Forestry	Helicopter	Res-adult	2.00E-01	NA	3.00E-04	6.00E-05	4.14E+02	--	NA	--
Typical	Ground	Both	Low Boom	Res-adult	2.00E-01	NA	1.99E-05	3.98E-06	4.14E+02	--	NA	--
Typical	Ground	Both	High Boom	Res-adult	2.00E-01	NA	3.28E-05	6.56E-06	4.14E+02	--	NA	--
Max	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	NA	3.00E-04	6.00E-05	4.14E+02	--	NA	--
Max	Aerial	Forestry	Helicopter	Res-adult	2.00E-01	NA	8.00E-04	1.60E-04	4.14E+02	--	NA	--
Max	Ground	Both	Low Boom	Res-adult	2.00E-01	NA	5.28E-05	1.06E-05	4.14E+02	--	NA	--
Max	Ground	Both	High Boom	Res-adult	2.00E-01	NA	8.73E-05	1.75E-05	4.14E+02	--	NA	--
Typical	Aerial	Agricultural	Helicopter	N.A.-child	2.00E-01	NA	1.00E-04	2.00E-05	6.00E+01	--	NA	--
Typical	Aerial	Forestry	Helicopter	N.A.-child	2.00E-01	NA	3.00E-04	6.00E-05	6.00E+01	--	NA	--
Typical	Ground	Both	Low Boom	N.A.-child	2.00E-01	NA	1.99E-05	3.98E-06	6.00E+01	--	NA	--
Typical	Ground	Both	High Boom	N.A.-child	2.00E-01	NA	3.28E-05	6.56E-06	6.00E+01	--	NA	--
Max	Aerial	Agricultural	Helicopter	N.A.-child	2.00E-01	NA	3.00E-04	6.00E-05	6.00E+01	--	NA	--
Max	Aerial	Forestry	Helicopter	N.A.-child	2.00E-01	NA	8.00E-04	1.60E-04	6.00E+01	--	NA	--
Max	Ground	Both	Low Boom	N.A.-child	2.00E-01	NA	5.28E-05	1.06E-05	6.00E+01	--	NA	--
Max	Ground	Both	High Boom	N.A.-child	2.00E-01	NA	8.73E-05	1.75E-05	6.00E+01	--	NA	--
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	2.00E-01	NA	1.00E-04	2.00E-05	6.43E+01	--	NA	--
Typical	Aerial	Forestry	Helicopter	N.A.-adult	2.00E-01	NA	3.00E-04	6.00E-05	6.43E+01	--	NA	--
Typical	Ground	Both	Low Boom	N.A.-adult	2.00E-01	NA	1.99E-05	3.98E-06	6.43E+01	--	NA	--
Typical	Ground	Both	High Boom	N.A.-adult	2.00E-01	NA	3.28E-05	6.56E-06	6.43E+01	--	NA	--
Max	Aerial	Agricultural	Helicopter	N.A.-adult	2.00E-01	NA	3.00E-04	6.00E-05	6.43E+01	--	NA	--
Max	Aerial	Forestry	Helicopter	N.A.-adult	2.00E-01	NA	8.00E-04	1.60E-04	6.43E+01	--	NA	--
Max	Ground	Both	Low Boom	N.A.-adult	2.00E-01	NA	5.28E-05	1.06E-05	6.43E+01	--	NA	--
Max	Ground	Both	High Boom	N.A.-adult	2.00E-01	NA	8.73E-05	1.75E-05	6.43E+01	--	NA	--

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: Sulfometuron methyl  
 Program: Forest, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Land Type	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	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	1.00E-04	4.60E+00	9.20E-05	NA	NC
Typical	Aerial	Forestry	Helicopter	Berry - child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	NA	NC
Typical	Ground	Both	Low Boom	Berry - child	2.00E-01	1.99E-05	4.60E+00	1.83E-05	NA	NC
Typical	Ground	Both	High Boom	Berry - child	2.00E-01	3.28E-05	4.60E+00	3.02E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	NA	NC
Max	Aerial	Forestry	Helicopter	Berry - child	2.00E-01	8.00E-04	4.60E+00	7.36E-04	NA	NC
Max	Ground	Both	Low Boom	Berry - child	2.00E-01	5.28E-05	4.60E+00	4.86E-05	NA	NC
Max	Ground	Both	High Boom	Berry - child	2.00E-01	8.73E-05	4.60E+00	8.03E-05	NA	NC
Typical	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	1.00E-04	4.57E+00	9.14E-05	NA	NC
Typical	Aerial	Forestry	Helicopter	Berry - adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	NA	NC
Typical	Ground	Both	Low Boom	Berry - adult	2.00E-01	1.99E-05	4.57E+00	1.82E-05	NA	NC
Typical	Ground	Both	High Boom	Berry - adult	2.00E-01	3.28E-05	4.57E+00	3.00E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	NA	NC
Max	Aerial	Forestry	Helicopter	Berry - adult	2.00E-01	8.00E-04	4.57E+00	7.31E-04	NA	NC
Max	Ground	Both	Low Boom	Berry - adult	2.00E-01	5.28E-05	4.57E+00	4.83E-05	NA	NC
Max	Ground	Both	High Boom	Berry - adult	2.00E-01	8.73E-05	4.57E+00	7.98E-05	NA	NC
Typical	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	1.00E-04	4.60E+00	9.20E-05	NA	NC
Typical	Aerial	Forestry	Helicopter	Res-child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	NA	NC
Typical	Ground	Both	Low Boom	Res-child	2.00E-01	1.99E-05	4.60E+00	1.83E-05	NA	NC
Typical	Ground	Both	High Boom	Res-child	2.00E-01	3.28E-05	4.60E+00	3.02E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	NA	NC
Max	Aerial	Forestry	Helicopter	Res-child	2.00E-01	8.00E-04	4.60E+00	7.36E-04	NA	NC
Max	Ground	Both	Low Boom	Res-child	2.00E-01	5.28E-05	4.60E+00	4.86E-05	NA	NC
Max	Ground	Both	High Boom	Res-child	2.00E-01	8.73E-05	4.60E+00	8.03E-05	NA	NC
Typical	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	1.00E-04	4.57E+00	9.14E-05	NA	NC
Typical	Aerial	Forestry	Helicopter	Res-adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	NA	NC
Typical	Ground	Both	Low Boom	Res-adult	2.00E-01	1.99E-05	4.57E+00	1.82E-05	NA	NC
Typical	Ground	Both	High Boom	Res-adult	2.00E-01	3.28E-05	4.57E+00	3.00E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	NA	NC
Max	Aerial	Forestry	Helicopter	Res-adult	2.00E-01	8.00E-04	4.57E+00	7.31E-04	NA	NC
Max	Ground	Both	Low Boom	Res-adult	2.00E-01	5.28E-05	4.57E+00	4.83E-05	NA	NC
Max	Ground	Both	High Boom	Res-adult	2.00E-01	8.73E-05	4.57E+00	7.98E-05	NA	NC
Typical	Aerial	Agricultural	Helicopter	N.American - child	2.00E-01	1.00E-04	4.60E+00	9.20E-05	NA	NC
Typical	Aerial	Forestry	Helicopter	N.American - child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	NA	NC
Typical	Ground	Both	Low Boom	N.American - child	2.00E-01	1.99E-05	4.60E+00	1.83E-05	NA	NC
Typical	Ground	Both	High Boom	N.American - child	2.00E-01	3.28E-05	4.60E+00	3.02E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	N.American - child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	NA	NC

Calculation: Potential Doses and Population Adjusted Doses  
 Scenario: Public Receptors - Routine Exposure  
 Pathway: Ingestion of Berries  
 Pesticide: Sulfometuron methyl  
 Program: Forest, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Land Type	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
Max	Aerial	Forestry	Helicopter	N.American - child	2.00E-01	8.00E-04	4.60E+00	7.36E-04	NA	NC
Max	Ground	Both	Low Boom	N.American - child	2.00E-01	5.28E-05	4.60E+00	4.86E-05	NA	NC
Max	Ground	Both	High Boom	N.American - child	2.00E-01	8.73E-05	4.60E+00	8.03E-05	NA	NC
Typical	Aerial	Agricultural	Helicopter	N.American - adult	2.00E-01	1.00E-04	4.57E+00	9.14E-05	NA	NC
Typical	Aerial	Forestry	Helicopter	N.American - adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	NA	NC
Typical	Ground	Both	Low Boom	N.American - adult	2.00E-01	1.99E-05	4.57E+00	1.82E-05	NA	NC
Typical	Ground	Both	High Boom	N.American - adult	2.00E-01	3.28E-05	4.57E+00	3.00E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	N.American - adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	NA	NC
Max	Aerial	Forestry	Helicopter	N.American - adult	2.00E-01	8.00E-04	4.57E+00	7.31E-04	NA	NC
Max	Ground	Both	Low Boom	N.American - adult	2.00E-01	5.28E-05	4.57E+00	4.83E-05	NA	NC
Max	Ground	Both	High Boom	N.American - adult	2.00E-01	8.73E-05	4.57E+00	7.98E-05	NA	NC

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: Sulfometuron methyl  
 Program: Forest, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Skin Permeability Constant (cm/hr)	Short-Term Water Concentration (mg/L)	Unit Correction Factor (L/cm <sup>3</sup> )	Exposure Factor (cm <sup>2</sup> -hr/kg-day)	Absorbed Dose (mg/kg-day)	Oral NOAEL (mg/kg-day)	Short-Term MOE (unitless)
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	4.96E-06	6.64E-03	1.00E-03	4.40E+02	1.45E-08	5.00E+00	3.45E+08
Typical	Aerial	Forestry	Helicopter	Swimmer-child	4.96E-06	7.58E-03	1.00E-03	4.40E+02	1.66E-08	5.00E+00	3.02E+08
Typical	Ground	Both	Low Boom	Swimmer-child	4.96E-06	5.99E-03	1.00E-03	4.40E+02	1.31E-08	5.00E+00	3.82E+08
Typical	Ground	Both	High Boom	Swimmer-child	4.96E-06	6.04E-03	1.00E-03	4.40E+02	1.32E-08	5.00E+00	3.79E+08
Max	Aerial	Agricultural	Helicopter	Swimmer-child	4.96E-06	7.86E-03	1.00E-03	4.40E+02	1.72E-08	5.00E+00	2.91E+08
Max	Aerial	Forestry	Helicopter	Swimmer-child	4.96E-06	1.19E-02	1.00E-03	4.40E+02	2.60E-08	5.00E+00	1.92E+08
Max	Ground	Both	Low Boom	Swimmer-child	4.96E-06	8.11E-03	1.00E-03	4.40E+02	1.77E-08	5.00E+00	2.82E+08
Max	Ground	Both	High Boom	Swimmer-child	4.96E-06	8.26E-03	1.00E-03	4.40E+02	1.80E-08	5.00E+00	2.77E+08
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	4.96E-06	6.64E-03	1.00E-03	2.57E+02	8.48E-09	5.00E+00	5.90E+08
Typical	Aerial	Forestry	Helicopter	Swimmer-adult	4.96E-06	7.58E-03	1.00E-03	2.57E+02	9.67E-09	5.00E+00	5.17E+08
Typical	Ground	Both	Low Boom	Swimmer-adult	4.96E-06	5.99E-03	1.00E-03	2.57E+02	7.64E-09	5.00E+00	6.54E+08
Typical	Ground	Both	High Boom	Swimmer-adult	4.96E-06	6.04E-03	1.00E-03	2.57E+02	7.71E-09	5.00E+00	6.48E+08
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	4.96E-06	7.86E-03	1.00E-03	2.57E+02	1.00E-08	5.00E+00	4.99E+08
Max	Aerial	Forestry	Helicopter	Swimmer-adult	4.96E-06	1.19E-02	1.00E-03	2.57E+02	1.52E-08	5.00E+00	3.29E+08
Max	Ground	Both	Low Boom	Swimmer-adult	4.96E-06	8.11E-03	1.00E-03	2.57E+02	1.03E-08	5.00E+00	4.83E+08
Max	Ground	Both	High Boom	Swimmer-adult	4.96E-06	8.26E-03	1.00E-03	2.57E+02	1.05E-08	5.00E+00	4.74E+08
Typical	Aerial	Agricultural	Helicopter	N.American-child	4.96E-06	6.64E-03	1.00E-03	1.14E+03	3.77E-08	5.00E+00	1.33E+08
Typical	Aerial	Forestry	Helicopter	N.American-child	4.96E-06	7.58E-03	1.00E-03	1.14E+03	4.30E-08	5.00E+00	1.16E+08
Typical	Ground	Both	Low Boom	N.American-child	4.96E-06	5.99E-03	1.00E-03	1.14E+03	3.40E-08	5.00E+00	1.47E+08
Typical	Ground	Both	High Boom	N.American-child	4.96E-06	6.04E-03	1.00E-03	1.14E+03	3.43E-08	5.00E+00	1.46E+08
Max	Aerial	Agricultural	Helicopter	N.American-child	4.96E-06	7.86E-03	1.00E-03	1.14E+03	4.46E-08	5.00E+00	1.12E+08
Max	Aerial	Forestry	Helicopter	N.American-child	4.96E-06	1.19E-02	1.00E-03	1.14E+03	6.76E-08	5.00E+00	7.39E+07
Max	Ground	Both	Low Boom	N.American-child	4.96E-06	8.11E-03	1.00E-03	1.14E+03	4.60E-08	5.00E+00	1.09E+08
Max	Ground	Both	High Boom	N.American-child	4.96E-06	8.26E-03	1.00E-03	1.14E+03	4.69E-08	5.00E+00	1.07E+08
Typical	Aerial	Agricultural	Helicopter	N.American-adult	4.96E-06	6.64E-03	1.00E-03	6.69E+02	2.20E-08	5.00E+00	2.27E+08
Typical	Aerial	Forestry	Helicopter	N.American-adult	4.96E-06	7.58E-03	1.00E-03	6.69E+02	2.52E-08	5.00E+00	1.99E+08
Typical	Ground	Both	Low Boom	N.American-adult	4.96E-06	5.99E-03	1.00E-03	6.69E+02	1.99E-08	5.00E+00	2.52E+08
Typical	Ground	Both	High Boom	N.American-adult	4.96E-06	6.04E-03	1.00E-03	6.69E+02	2.01E-08	5.00E+00	2.49E+08
Max	Aerial	Agricultural	Helicopter	N.American-adult	4.96E-06	7.86E-03	1.00E-03	6.69E+02	2.61E-08	5.00E+00	1.92E+08
Max	Aerial	Forestry	Helicopter	N.American-adult	4.96E-06	1.19E-02	1.00E-03	6.69E+02	3.95E-08	5.00E+00	1.26E+08
Max	Ground	Both	Low Boom	N.American-adult	4.96E-06	8.11E-03	1.00E-03	6.69E+02	2.69E-08	5.00E+00	1.86E+08
Max	Ground	Both	High Boom	N.American-adult	4.96E-06	8.26E-03	1.00E-03	6.69E+02	2.74E-08	5.00E+00	1.82E+08

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: Sulfometuron methyl  
 Program: Forest, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Land Type	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	Aerial	Agricultural	Helicopter	Swimmer-child	6.64E-03	3.33E-03	2.21E-05	5.00E+00	2.26E+05
Typical	Aerial	Forestry	Helicopter	Swimmer-child	7.58E-03	3.33E-03	2.53E-05	5.00E+00	1.98E+05
Typical	Ground	Both	Low Boom	Swimmer-child	5.99E-03	3.33E-03	2.00E-05	5.00E+00	2.51E+05
Typical	Ground	Both	High Boom	Swimmer-child	6.04E-03	3.33E-03	2.01E-05	5.00E+00	2.48E+05
Max	Aerial	Agricultural	Helicopter	Swimmer-child	7.86E-03	3.33E-03	2.62E-05	5.00E+00	1.91E+05
Max	Aerial	Forestry	Helicopter	Swimmer-child	1.19E-02	3.33E-03	3.97E-05	5.00E+00	1.26E+05
Max	Ground	Both	Low Boom	Swimmer-child	8.11E-03	3.33E-03	2.70E-05	5.00E+00	1.85E+05
Max	Ground	Both	High Boom	Swimmer-child	8.26E-03	3.33E-03	2.75E-05	5.00E+00	1.82E+05
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	6.64E-03	7.14E-04	4.75E-06	5.00E+00	1.05E+06
Typical	Aerial	Forestry	Helicopter	Swimmer-adult	7.58E-03	7.14E-04	5.41E-06	5.00E+00	9.24E+05
Typical	Ground	Both	Low Boom	Swimmer-adult	5.99E-03	7.14E-04	4.28E-06	5.00E+00	1.17E+06
Typical	Ground	Both	High Boom	Swimmer-adult	6.04E-03	7.14E-04	4.32E-06	5.00E+00	1.16E+06
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	7.86E-03	7.14E-04	5.61E-06	5.00E+00	8.91E+05
Max	Aerial	Forestry	Helicopter	Swimmer-adult	1.19E-02	7.14E-04	8.51E-06	5.00E+00	5.88E+05
Max	Ground	Both	Low Boom	Swimmer-adult	8.11E-03	7.14E-04	5.79E-06	5.00E+00	8.63E+05
Max	Ground	Both	High Boom	Swimmer-adult	8.26E-03	7.14E-04	5.90E-06	5.00E+00	8.47E+05

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

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Short-Term Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Acute	Drinking Water - Short-Term %PAD (unitless) Acute
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	6.64E-03	2.86E-02	1.90E-04	NA	NC
Typical	Aerial	Forestry	Helicopter	Hiker/Hunter	7.58E-03	2.86E-02	2.17E-04	NA	NC
Typical	Ground	Both	Low Boom	Hiker/Hunter	5.99E-03	2.86E-02	1.71E-04	NA	NC
Typical	Ground	Both	High Boom	Hiker/Hunter	6.04E-03	2.86E-02	1.73E-04	NA	NC
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	7.86E-03	2.86E-02	2.40E-04	NA	NC
Max	Aerial	Forestry	Helicopter	Hiker/Hunter	1.19E-02	2.86E-02	3.40E-04	NA	NC
Max	Ground	Both	Low Boom	Hiker/Hunter	8.11E-03	2.86E-02	2.32E-04	NA	NC
Max	Ground	Both	High Boom	Hiker/Hunter	8.26E-03	2.86E-02	2.36E-04	NA	NC
Typical	Aerial	Agricultural	Helicopter	Berry - child	6.64E-03	6.67E-02	4.43E-04	NA	NC
Typical	Aerial	Forestry	Helicopter	Berry - child	7.58E-03	6.67E-02	5.05E-04	NA	NC
Typical	Ground	Both	Low Boom	Berry - child	5.99E-03	6.67E-02	3.99E-04	NA	NC
Typical	Ground	Both	High Boom	Berry - child	6.04E-03	6.67E-02	4.03E-04	NA	NC
Max	Aerial	Agricultural	Helicopter	Berry - child	7.86E-03	6.67E-02	5.24E-04	NA	NC
Max	Aerial	Forestry	Helicopter	Berry - child	1.19E-02	6.67E-02	7.94E-04	NA	NC
Max	Ground	Both	Low Boom	Berry - child	8.11E-03	6.67E-02	5.41E-04	NA	NC
Max	Ground	Both	High Boom	Berry - child	8.26E-03	6.67E-02	5.51E-04	NA	NC
Typical	Aerial	Agricultural	Helicopter	Berry - adult	6.64E-03	2.86E-02	1.90E-04	NA	NC
Typical	Aerial	Forestry	Helicopter	Berry - adult	7.58E-03	2.86E-02	2.17E-04	NA	NC
Typical	Ground	Both	Low Boom	Berry - adult	5.99E-03	2.86E-02	1.71E-04	NA	NC
Typical	Ground	Both	High Boom	Berry - adult	6.04E-03	2.86E-02	1.73E-04	NA	NC
Max	Aerial	Agricultural	Helicopter	Berry - adult	7.86E-03	2.86E-02	2.24E-04	NA	NC
Max	Aerial	Forestry	Helicopter	Berry - adult	1.19E-02	2.86E-02	3.40E-04	NA	NC
Max	Ground	Both	Low Boom	Berry - adult	8.11E-03	2.86E-02	2.32E-04	NA	NC
Max	Ground	Both	High Boom	Berry - adult	8.26E-03	2.86E-02	2.36E-04	NA	NC
Typical	Aerial	Agricultural	Helicopter	Angler	6.64E-03	2.86E-02	1.90E-04	NA	NC
Typical	Aerial	Forestry	Helicopter	Angler	7.58E-03	2.86E-02	2.17E-04	NA	NC
Typical	Ground	Both	Low Boom	Angler	5.99E-03	2.86E-02	1.71E-04	NA	NC
Typical	Ground	Both	High Boom	Angler	6.04E-03	2.86E-02	1.73E-04	NA	NC
Max	Aerial	Agricultural	Helicopter	Angler	7.86E-03	2.86E-02	2.24E-04	NA	NC
Max	Aerial	Forestry	Helicopter	Angler	1.19E-02	2.86E-02	3.40E-04	NA	NC
Max	Ground	Both	Low Boom	Angler	8.11E-03	2.86E-02	2.32E-04	NA	NC
Max	Ground	Both	High Boom	Angler	8.26E-03	2.86E-02	2.36E-04	NA	NC

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

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Short-Term Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Drinking Water - Short-Term PAD (mg/kg-day) Acute	%PAD (unitless) Acute
Typical	Aerial	Agricultural	Helicopter	N.American - child	6.64E-03	3.33E-02	2.21E-04	NA	NC
Typical	Aerial	Forestry	Helicopter	N.American - child	7.58E-03	3.33E-02	2.53E-04	NA	NC
Typical	Ground	Both	Low Boom	N.American - child	5.99E-03	3.33E-02	2.00E-04	NA	NC
Typical	Ground	Both	High Boom	N.American - child	6.04E-03	3.33E-02	2.01E-04	NA	NC
Max	Aerial	Agricultural	Helicopter	N.American - child	7.86E-03	3.33E-02	2.62E-04	NA	NC
Max	Aerial	Forestry	Helicopter	N.American - child	1.19E-02	3.33E-02	3.97E-04	NA	NC
Max	Ground	Both	Low Boom	N.American - child	8.11E-03	3.33E-02	2.70E-04	NA	NC
Max	Ground	Both	High Boom	N.American - child	8.26E-03	3.33E-02	2.75E-04	NA	NC
Typical	Aerial	Agricultural	Helicopter	N.American - adult	6.64E-03	1.43E-02	9.49E-05	NA	NC
Typical	Aerial	Forestry	Helicopter	N.American - adult	7.58E-03	1.43E-02	1.08E-04	NA	NC
Typical	Ground	Both	Low Boom	N.American - adult	5.99E-03	1.43E-02	8.55E-05	NA	NC
Typical	Ground	Both	High Boom	N.American - adult	6.04E-03	1.43E-02	8.63E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	N.American - adult	7.86E-03	1.43E-02	1.12E-04	NA	NC
Max	Aerial	Forestry	Helicopter	N.American - adult	1.19E-02	1.43E-02	1.70E-04	NA	NC
Max	Ground	Both	Low Boom	N.American - adult	8.11E-03	1.43E-02	1.16E-04	NA	NC
Max	Ground	Both	High Boom	N.American - adult	8.26E-03	1.43E-02	1.18E-04	NA	NC

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: Sulfometuron methyl  
 Program: Forest, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Land Type	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	Short-Term %PAD (unitless) Acute
Typical	Aerial	Agricultural	Helicopter	Angler	6.64E-03	1.00E+00	1.00E-06	9.00E+02	5.98E-06	NA	NC
Typical	Aerial	Forestry	Helicopter	Angler	7.58E-03	1.00E+00	1.00E-06	9.00E+02	6.82E-06	NA	NC
Typical	Ground	Both	Low Boom	Angler	5.99E-03	1.00E+00	1.00E-06	9.00E+02	5.39E-06	NA	NC
Typical	Ground	Both	High Boom	Angler	6.04E-03	1.00E+00	1.00E-06	9.00E+02	5.44E-06	NA	NC
Max	Aerial	Agricultural	Helicopter	Angler	7.86E-03	1.00E+00	1.00E-06	9.00E+02	7.07E-06	NA	NC
Max	Aerial	Forestry	Helicopter	Angler	1.19E-02	1.00E+00	1.00E-06	9.00E+02	1.07E-05	NA	NC
Max	Ground	Both	Low Boom	Angler	8.11E-03	1.00E+00	1.00E-06	9.00E+02	7.30E-06	NA	NC
Max	Ground	Both	High Boom	Angler	8.26E-03	1.00E+00	1.00E-06	9.00E+02	7.44E-06	NA	NC
Typical	Aerial	Agricultural	Helicopter	N.American - child	6.64E-03	1.00E+00	1.00E-06	1.27E+04	7.44E-05	NA	NC
Typical	Aerial	Forestry	Helicopter	N.American - child	7.58E-03	1.00E+00	1.00E-06	1.27E+04	8.42E-05	NA	NC
Typical	Ground	Both	Low Boom	N.American - child	5.99E-03	1.00E+00	1.00E-06	1.27E+04	9.60E-05	NA	NC
Typical	Ground	Both	High Boom	N.American - child	6.04E-03	1.00E+00	1.00E-06	1.27E+04	7.58E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	N.American - child	7.86E-03	1.00E+00	1.00E-06	1.27E+04	7.66E-05	NA	NC
Max	Aerial	Forestry	Helicopter	N.American - child	1.19E-02	1.00E+00	1.00E-06	1.27E+04	9.95E-05	NA	NC
Max	Ground	Both	Low Boom	N.American - child	8.11E-03	1.00E+00	1.00E-06	1.27E+04	1.51E-04	NA	NC
Max	Ground	Both	High Boom	N.American - child	8.26E-03	1.00E+00	1.00E-06	1.27E+04	1.03E-04	NA	NC
Typical	Aerial	Agricultural	Helicopter	N.American - adult	6.64E-03	1.00E+00	1.00E-06	1.26E+04	1.05E-04	NA	NC
Typical	Aerial	Forestry	Helicopter	N.American - adult	7.58E-03	1.00E+00	1.00E-06	1.26E+04	8.40E-05	NA	NC
Typical	Ground	Both	Low Boom	N.American - adult	5.99E-03	1.00E+00	1.00E-06	1.26E+04	9.58E-05	NA	NC
Typical	Ground	Both	High Boom	N.American - adult	6.04E-03	1.00E+00	1.00E-06	1.26E+04	7.57E-05	NA	NC
Max	Aerial	Agricultural	Helicopter	N.American - adult	7.86E-03	1.00E+00	1.00E-06	1.26E+04	7.64E-05	NA	NC
Max	Aerial	Forestry	Helicopter	N.American - adult	1.19E-02	1.00E+00	1.00E-06	1.26E+04	9.93E-05	NA	NC
Max	Ground	Both	Low Boom	N.American - adult	8.11E-03	1.00E+00	1.00E-06	1.26E+04	1.51E-04	NA	NC
Max	Ground	Both	High Boom	N.American - adult	8.26E-03	1.00E+00	1.00E-06	1.26E+04	1.03E-04	NA	NC

NA - Not Available.

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

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

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Target MOE	Dermal Exposure Pathways			Incidental Ingestion			Dietary Exposure Pathways			Short-Term Aggregate Risk Index
						Short-Term Drift MOE	Foliage MOE	Water MOE	Short/Int Term Oral	Water MOE	Short/Int Term Oral	Acute Berries %PAD	Acute Fish %PAD	Acute Water %PAD	
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Aerial	Forestry	Helicopter	Hiker/Hunter	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Ground	Both	Low Boom	Hiker/Hunter	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Ground	Both	High Boom	Hiker/Hunter	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Aerial	Forestry	Helicopter	Hiker/Hunter	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Ground	Both	Low Boom	Hiker/Hunter	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Ground	Both	High Boom	Hiker/Hunter	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Aerial	Forestry	Helicopter	Berry - child	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Ground	Both	Low Boom	Berry - child	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Ground	Both	High Boom	Berry - child	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Aerial	Forestry	Helicopter	Berry - child	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Ground	Both	Low Boom	Berry - child	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Ground	Both	High Boom	Berry - child	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Aerial	Forestry	Helicopter	Berry - adult	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Ground	Both	Low Boom	Berry - adult	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Ground	Both	High Boom	Berry - adult	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Aerial	Forestry	Helicopter	Berry - adult	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Ground	Both	Low Boom	Berry - adult	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Ground	Both	High Boom	Berry - adult	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Aerial	Agricultural	Helicopter	Angler	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Aerial	Forestry	Helicopter	Angler	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Ground	Both	Low Boom	Angler	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Typical	Ground	Both	High Boom	Angler	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Aerial	Agricultural	Helicopter	Angler	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Aerial	Forestry	Helicopter	Angler	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Ground	Both	Low Boom	Angler	1.00E+02	--	--	--	NC	--	--	NC	--	NC	
Max	Ground	Both	High Boom	Angler	1.00E+02	--	--	--	NC	--	--	NC	--	NC	

Calculation: Aggregate Risk Index - Short Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Sulfometuron methyl

Program: Forest, Energy/Mineral, Rights-of-Way, Recreation/Cultural

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Target MOE	Dermal Exposure Pathways			Incidental Ingestion		Dietary Exposure Pathways			Short-Term Aggregate Risk Index
						Short-Term Drift MOE	Short-Term Foliage MOE	Short-Term Water MOE	Short-Term Oral Water MOE	Acute Water %PAD	Acute Berries %PAD	Acute Fish %PAD		
Typical	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Typical	Aerial	Forestry	Helicopter	Res-child	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Typical	Ground	Both	Low Boom	Res-child	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Typical	Ground	Both	High Boom	Res-child	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Max	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Max	Aerial	Forestry	Helicopter	Res-child	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Max	Ground	Both	Low Boom	Res-child	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Max	Ground	Both	High Boom	Res-child	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Typical	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Typical	Aerial	Forestry	Helicopter	Res-adult	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Typical	Ground	Both	Low Boom	Res-adult	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Typical	Ground	Both	High Boom	Res-adult	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Max	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Max	Aerial	Forestry	Helicopter	Res-adult	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Max	Ground	Both	Low Boom	Res-adult	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Max	Ground	Both	High Boom	Res-adult	1.00E+02	--	--	--	--	NC	NC	NC	NC	
Typical	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	--	--	1.33E+08	--	NC	NC	NC	1.33E+06	
Typical	Aerial	Forestry	Helicopter	N.A.-child	1.00E+02	--	--	1.16E+08	--	NC	NC	NC	1.16E+06	
Typical	Ground	Both	Low Boom	N.A.-child	1.00E+02	--	--	1.47E+08	--	NC	NC	NC	1.47E+06	
Typical	Ground	Both	High Boom	N.A.-child	1.00E+02	--	--	1.46E+08	--	NC	NC	NC	1.46E+06	
Max	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	--	--	1.12E+08	--	NC	NC	NC	1.12E+06	
Max	Aerial	Forestry	Helicopter	N.A.-child	1.00E+02	--	--	7.39E+07	--	NC	NC	NC	7.39E+05	
Max	Ground	Both	Low Boom	N.A.-child	1.00E+02	--	--	1.09E+08	--	NC	NC	NC	1.09E+06	
Max	Ground	Both	High Boom	N.A.-child	1.00E+02	--	--	1.07E+08	--	NC	NC	NC	1.07E+06	
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	--	--	2.27E+08	--	NC	NC	NC	2.27E+06	
Typical	Aerial	Forestry	Helicopter	N.A.-adult	1.00E+02	--	--	1.99E+08	--	NC	NC	NC	1.99E+06	
Typical	Ground	Both	Low Boom	N.A.-adult	1.00E+02	--	--	2.52E+08	--	NC	NC	NC	2.52E+06	
Typical	Ground	Both	High Boom	N.A.-adult	1.00E+02	--	--	2.49E+08	--	NC	NC	NC	2.49E+06	
Max	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	--	--	1.92E+08	--	NC	NC	NC	1.92E+06	
Max	Aerial	Forestry	Helicopter	N.A.-adult	1.00E+02	--	--	1.26E+08	--	NC	NC	NC	1.26E+06	
Max	Ground	Both	Low Boom	N.A.-adult	1.00E+02	--	--	1.86E+08	--	NC	NC	NC	1.86E+06	
Max	Ground	Both	High Boom	N.A.-adult	1.00E+02	--	--	1.82E+08	--	NC	NC	NC	1.82E+06	

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

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Target MOE	Dermal Exposure Pathways			Incidental Ingestion			Dietary Exposure Pathways			Short-Term Aggregate Risk Index
						Short-Term Drift MOE	Foliage MOE	Water MOE	Short/Int Term Oral	Water MOE	Short/Int Term Oral	Acute Water %PAD	Acute Berries %PAD	Acute Fish %PAD	
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	3.45E+08	2.26E+05	--	--	--	--	2.26E+03	
Typical	Aerial	Forestry	Helicopter	Swimmer-child	1.00E+02	--	--	3.02E+08	1.98E+05	--	--	--	--	1.98E+03	
Typical	Ground	Both	Low Boom	Swimmer-child	1.00E+02	--	--	3.82E+08	2.51E+05	--	--	--	--	2.50E+03	
Typical	Ground	Both	High Boom	Swimmer-child	1.00E+02	--	--	3.79E+08	2.48E+05	--	--	--	--	2.48E+03	
Max	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	2.91E+08	1.91E+05	--	--	--	--	1.91E+03	
Max	Aerial	Forestry	Helicopter	Swimmer-child	1.00E+02	--	--	1.92E+08	1.26E+05	--	--	--	--	1.26E+03	
Max	Ground	Both	Low Boom	Swimmer-child	1.00E+02	--	--	2.82E+08	1.85E+05	--	--	--	--	1.85E+03	
Max	Ground	Both	High Boom	Swimmer-child	1.00E+02	--	--	2.77E+08	1.82E+05	--	--	--	--	1.82E+03	
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	5.90E+08	1.05E+06	--	--	--	--	1.05E+04	
Typical	Aerial	Forestry	Helicopter	Swimmer-adult	1.00E+02	--	--	5.17E+08	9.24E+05	--	--	--	--	9.22E+03	
Typical	Ground	Both	Low Boom	Swimmer-adult	1.00E+02	--	--	6.54E+08	1.17E+06	--	--	--	--	1.17E+04	
Typical	Ground	Both	High Boom	Swimmer-adult	1.00E+02	--	--	6.48E+08	1.16E+06	--	--	--	--	1.16E+04	
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	4.99E+08	8.91E+05	--	--	--	--	8.90E+03	
Max	Aerial	Forestry	Helicopter	Swimmer-adult	1.00E+02	--	--	3.29E+08	5.88E+05	--	--	--	--	5.87E+03	
Max	Ground	Both	Low Boom	Swimmer-adult	1.00E+02	--	--	4.83E+08	8.63E+05	--	--	--	--	8.62E+03	
Max	Ground	Both	High Boom	Swimmer-adult	1.00E+02	--	--	4.74E+08	8.47E+05	--	--	--	--	8.46E+03	

--Receptor not exposed via this pathway.

NA - Not Available.

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