

Appendix F. Toxicity and Residential Use Information in Input File, Opcumulative.rkg

Organophosphous Pesticides (Methamidophos Equiv.)

CAS #: -

PCCODE: -

Comment: This file contains: 1) The toxicological "points of departure" for the OP cumulative Assessment, 2) The pesticide specific data on the residential use of the products containing the various OP pesticides.

Toxicity data

Short-term toxicity data (minimum 1 days,maximum 21 days)-ORAL

| | | |
|---------------------------------|------|--|
| Benchmark Dose(mg/kg/d): | 0.08 | |
| Uncertainty factor: | 100 | |
| Modifying factor: | 1 | |
| FQPA Factor: | 1 | 45 year old female maximum, 12 year old male maximum |

Short-term toxicity data (minimum 1 days,maximum 21 days)-INHALATION

| | | |
|---------------------------------|------|--|
| Benchmark Dose(mg/kg/d): | 0.39 | |
| Uncertainty factor: | 100 | |
| Modifying factor: | 1 | |
| FQPA Factor: | 1 | 45 year old female maximum, 12 year old male maximum |

Short-term toxicity data (minimum 1 days,maximum 21 days)-DERMAL

| | | |
|---------------------------------|------|--|
| Benchmark Dose(mg/kg/d): | 2.12 | |
| Uncertainty factor: | 100 | |
| Modifying factor: | 1 | |
| FQPA Factor: | 1 | 45 year old female maximum, 12 year old male maximum |

Residential Exposure Related Information

Saliva extraction factor (unitless): 1

De minimis level (unitless): 100

Product Specific Data

DDVP-Indoor Pest Strips

Registration number (equivalent): (no registration number)

Pest Strips
Pests to control: fabric insect pests

Use Probability Factor
0.2

| | Minimum | 1%ile | 25%ile | 50%ile | 75%ile | 90%ile | Maximum |
|---|---------|--------|--------|--------|--------|--------|---------|
| Initial concentration of AI in Air (mg/m3): 0.0013 | | 0.0027 | 0.0067 | 0.0106 | 0.0264 | 0.0422 | 0.0581 |

First order decline rate (hr-1): 0.00096

Replacement time (days): 122

Acephate-Golf

Registration number (equivalent): (no registration number)

| Liquid (any method of application) | Use Probability Factor |
|--|-------------------------------|
| Microenvironment class: golf course(Commercial application) | |
| Northeast(golf course): | 0.005 |
| Midwest(golf course): | 0.015 |
| South(golf course): | 0.299 |
| West(golf course): | 0.007 |
| warm season(golf course): 2 application's/year | |
| Areas applied: Used on greens, tees, and fairways | |

Application

Concentration of ai in applied product (mg/amount):
1
Rate of applied product (amount/m2): 4.2
Quantity applied (mg/m2): 4.2

Post-application

Decline rate in dislodgeable mass on turf over time
(%/day): 45
Fraction of mass on turf that is dislodgeable
(unitless): 0.0116

Acephate-Ornamentals

Registration number (equivalent): (no registration number)

| Liquid Broadcast Hand-pressurized pump spray | Use Probability Factor |
|--|-------------------------------|
| Pests to control: flies, gnats, widgets | 0.085 |
| spiders, crickets, sowbugs/pillbugs, millipedes, centipedes | 0.083 |
| plant-chewing insects | 0.07 |
| plant-sucking insects and mites | 0.076 |
| plant-chewing or plant sucking insects | 0.039 |

Minimum repeat time (days): 14
Phed data?: Yes

Applicator exposure factors

Minimum

Maximum

Inhalation exposure (nanogr ai inhaled/Lb ai applied): 165333

1.17387e+006

| | | | | | | | | |
|--|---------|-------|--------|--------|--------|--------|--------|---------|
| Dermal exposure (ug ai on skin/Lb ai applied): 0 | Minimum | 17200 | 10%ile | 50%ile | 90%ile | 95%ile | 99%ile | Maximum |
| | | | | 53100 | 150000 | 197000 | 257000 | 372000 |

Applicator clothing factors

| | | | | | | | | |
|------------------------------------|---------|-------|--------|--------|--------|--------|--------|---------|
| Applicator Modifying Factor: 0.115 | Minimum | 0.222 | 10%ile | 50%ile | 90%ile | 95%ile | 99%ile | Maximum |
| | | | | 0.43 | 0.726 | 0.801 | 0.907 | 0.994 |

| | | | | | | | | |
|------------------------------------|---------|-------|--------|--------|--------|--------|--------|---------|
| Applicator Modifying Factor: 0.115 | Minimum | 0.222 | 10%ile | 50%ile | 90%ile | 95%ile | 99%ile | Maximum |
| | | | | 0.43 | 0.726 | 0.801 | 0.907 | 0.994 |

Application

Concentration of ai in applied product (mg/amount): 1
Rate of applied product (amount/m2): 1.7
Quantity applied (mg/m2): 1.7
Area treated (m2): 186

Bensulide-Golf

Registration number (equivalent): (no registration number)

Granular (any method of application) Use Probability Factor

Microenvironment class: golf course(Commercial application)

| | |
|-------------------------|-------|
| Northeast(golf course): | 0.066 |
| Midwest(golf course): | 0.063 |
| South(golf course): | 0.23 |
| West(golf course): | 0.168 |

warm season(golf course): 2 application(s)/year
Areas applied: Used on greens, tees, and fairways

Application

Concentration of ai in applied product (mg/amount): 1
Rate of applied product (amount/m2): 6.3
Quantity applied (mg/m2): 6.3

Post-application

Decline rate in dislodgeable mass on turf over time (%/day): 30

Fraction of mass on turf that is dislodgeable
(unitless): 0.00485

Bensulide-Lawn

Registration number (equivalent): (no registration number)

Granular Broadcast Drop Spreader **Use Probability Factor**
Microenvironment class: turf(Commercial application)

Northeast(single family home): 0
Midwest(single family home): 0
South(single family home): 0
West(single family home): 0.01
warm season(single family home): 0.16 application(s)/month
cold season (single family home): 0 application(s)/month

Application

Concentration of ai in applied product (mg/amount): 1
Rate of applied product (amount/m2): 6.3
Quantity applied (mg/m2): 6.3

Post-application

Decline rate in dislodgeable mass on turf over time
(%/day): 30
Fraction of mass on turf that is dislodgeable
(unitless): 0.0049
Decline rate in total mass on turf (%/day): 30
Decline rate in total mass in soil (%/day): 30

| Product's oral modifying factor (unitless): | Minimum | 1%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
|---|---------|-------|--------|--------|--------|--------|--------|---------|
| Oral Modifying Factor: 2.8e-005 | | 0.034 | 0.29 | 0.63 | 1.07 | 1.4 | 2 | 3.2 |

Granular Broadcast Rotary Spreader **Use Probability Factor**

Pests to control: grass-like weeds 0.15

Minimum repeat time (days): 365
Phed data?: Yes

Applicator exposure factors

| | | |
|--|---------|---------|
| Inhalation exposure (nanogr ai inhaled/Lb ai applied): 2090 | Minimum | Maximum |
| | | 105600 |

| | | | | | | | |
|---|---------|-------|--------|--------|--------|--------|---------|
| Dermal exposure (ug ai on skin/Lb ai applied): 0 | Minimum | 1%ile | 50%ile | 75%ile | 90%ile | 95%ile | Maximum |
| | | | 610 | 1120 | 1320 | 1540 | 1930 |

Application

Concentration of ai in applied product (mg/amount): 1
Rate of applied product (amount/m2): 6.3
Quantity applied (mg/m2): 6.3
Maximum area treated (m2): 1394

Post-application

Decline rate in dislodgeable mass on turf over time (%/day): 30
Fraction of mass on turf that is dislodgeable (unitless): 0.0049
Decline rate in total mass on turf (%/day): 30
Decline rate in total mass in soil (%/day): 30

| | | | | | | | | | |
|--|---------|--------|--------|--------|--------|--------|--------|---------|-----|
| Product's oral modifying factor (unitless): Oral Modifying Factor: 2.8e-005 | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum | |
| | | | 0.034 | 0.29 | 0.63 | 1.07 | 1.4 | 2 | 3.2 |

Disulfoton-Ornamental

Registration number (equivalent): (no registration number)

| Granular Spot treatment Shaker can | Use Probability Factor |
|---|-------------------------------|
| Pests to control: soil-dwelling insects, nematodes | 0.121 |
| plant-chewing insects | 0.054 |
| other wood-destroying insects | 0.136 |
| cockroaches | 0.229 |
| plant-sucking insects and mites | 0.161 |
| plant diseases | 0.056 |
| plant-chewing or plant sucking insects | 0.031 |

Minimum repeat time (days): 42
Phed data?: Yes

Applicator exposure factors

| | | | |
|---|---------|---------|-----|
| Inhalation exposure (nanogr ai inhaled/Lb ai applied): 140 | Minimum | Maximum | |
| | | | 140 |

| | | | | | | | |
|---|---------|--------|--------|--------|--------|--------|---------|
| Dermal exposure (ug ai on skin/Lb ai applied): 0 | Minimum | 10%ile | 50%ile | 90%ile | 95%ile | 99%ile | Maximum |
| | | 15 | 94 | 380 | 550 | 800 | 1310 |

Applicator clothing factors

| | | | |
|---|---------|---------|---|
| Applicator Modifying Factor: 0.005 | Minimum | Maximum | |
| | | | 1 |

| | | | |
|---|---------|---------|---|
| Applicator Modifying Factor: 0.005 | Minimum | Maximum | |
| | | | 1 |

Application

Concentration of ai in applied product (mg/amount): 1

Rate of applied product (amount/m2): 1370

Quantity applied (mg/m2): 1370

Area treated (m2): 186

Fenthion-Public Health

Registration number (equivalent): (no registration number)

Public Health Use

Microenvironment class: turf(Public application)

| | Fraction of lawns affected | Freq. of treatment (per month) | Predicted residue level (mg/m2) |
|-----------|----------------------------|--------------------------------|---------------------------------|
| Northeast | 0 | 0 | 0 |
| Midwest | 0.001 | 1.3 | 0.99 |
| South | 0.016 | 1.3 | 0.99 |
| West | 0 | 0 | 0 |

Post-application

Decline rate in dislodgeable mass on turf over time (%/day): 50

Fraction of mass on turf that is dislodgeable (unitless): 0.01

Decline rate in total mass on turf (%/day): 50

Decline rate in total mass in soil (%/day): 50

| | | | | | | | |
|--|---------|--------|--------|--------|--------|--------|---------|
| Product's oral modifying factor (unitless): | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | Maximum |
| Oral Modifying Factor: 0.00028 | | 0.33 | 2.8 | 6.2 | 14 | 20 | 32 |

Fenamiphos-Golf

Registration number (equivalent): (no registration number)

| Liquid (any method of application) | Use Probability Factor |
|--|-------------------------------|
| Microenvironment class: golf course(Commercial application) | |
| Northeast(golf course): | 0.003 |
| Midwest(golf course): | 0.004 |
| South(golf course): | 0.048 |
| West(golf course): | 0.041 |

warm season(golf course): 1 application(s)/year
Areas applied: Used on greens, tees, and fairways

Application

Concentration of ai in applied product (mg/amount):

1

Rate of applied product (amount/m2): 650.1

Quantity applied (mg/m2): 650.1

Post-application

Decline rate in dislodgeable mass on turf over time
(%/day): 98

Fraction of mass on turf that is dislodgeable
(unitless): 0.000927

Malathion-Ornamental

Registration number (equivalent): (no registration number)

| Liquid Broadcast Trigger sprayer | Use Probability Factor |
|--|-------------------------------|
| Pests to control: mosquitoes | 0.226 |
| flies, gnats, widgets | 0.079 |
| spiders, crickets, sowbugs/pillbugs, millipedes, centipedes | 0.075 |
| soil-dwelling insects, nematodes | 0.033 |
| plant-chewing insects | 0.099 |
| plant-sucking insects and mites | 0.118 |

plant-chewing or plant sucking insects 0.081

Minimum repeat time (days): 14
Phed data?: Yes

Applicator exposure factors

| | Minimum | Maximum |
|--|---------|---------|
| Inhalation exposure (nanogr ai inhaled/Lb ai applied): 360 | | 2556 |

| | Minimum | 10%ile | 50%ile | 90%ile | 95%ile | 99%ile | Maximum |
|--|---------|--------|--------|--------|--------|--------|---------|
| Dermal exposure (ug ai on skin/Lb ai applied): 0 | 17200 | | 53100 | 150000 | 197000 | 257000 | 372000 |

Applicator clothing factors

| | Minimum | 10%ile | 50%ile | 90%ile | 95%ile | 99%ile | Maximum |
|------------------------------------|---------|--------|--------|--------|--------|--------|---------|
| Applicator Modifying Factor: 0.155 | 0.222 | | 0.43 | 0.726 | 0.801 | 0.907 | 0.944 |

| | Minimum | 10%ile | 50%ile | 90%ile | 95%ile | 99%ile | Maximum |
|------------------------------------|---------|--------|--------|--------|--------|--------|---------|
| Applicator Modifying Factor: 0.155 | 0.222 | | 0.43 | 0.726 | 0.801 | 0.907 | 0.944 |

Application

Concentration of ai in applied product (mg/amount): 1
Rate of applied product (amount/m2): 11.2
Quantity applied (mg/m2): 11.2
Area treated (m2): 186

Malathion-Public Health

Registration number (equivalent): (no registration number)

Public Health Use

Microenvironment class: turf(Public application)

| | Fraction of lawns affected | Freq. of treatment (per month) | Predicted residue level (mg/m2) |
|-----------|----------------------------|--------------------------------|---------------------------------|
| Northeast | 0.367 | 2 | 0.99 |
| Midwest | 0.382 | 2 | 0.99 |
| South | 0.284 | 2 | 0.99 |
| West | 0.036 | 2 | 0.99 |

Post-application

Decline rate in dislodgeable mass on turf over time

(%/day): 50

Fraction of mass on turf that is dislodgeable

(unitless): 0.01

Decline rate in total mass on turf (%/day): 50

Decline rate in total mass in soil (%/day): 50

| Product's oral modifying factor (unitless): | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | Maximum |
|--|---------|--------|--------|--------|--------|--------|---------|
| Oral Modifying Factor: 2.6e-006 | | 0.003 | 0.026 | 0.057 | 0.097 | 0.18 | 0.29 |

Malathion-Vegetable Garden

Registration number (equivalent): (no registration number)

| Pests to control: | Liquid Broadcast Trigger sprayer | Use Probability Factor |
|---|---|-------------------------------|
| flies, gnats, widgets | | 0.337 |
| spiders, crickets, sowbugs/pillbugs, millipedes, centipedes | | 0.177 |
| soil-dwelling insects, nematodes | | 0.127 |
| plant-chewing insects | | 0.077 |
| fire ants | | 0.328 |
| plant-sucking insects and mites | | 0.115 |
| plant-chewing or plant sucking insects | | 0.113 |

Minimum repeat time (days): 14

Phed data?: Yes

Applicator exposure factors

| | Minimum | Maximum | | | | | | |
|---|---------|---------|--------|--------|--------|--------|--------|---------|
| Inhalation exposure (nanogr ai inhaled/Lb ai applied): 360 | | 2556 | | | | | | |
| Dermal exposure (ug ai on skin/Lb ai applied): 0 | Minimum | 17200 | 10%ile | 50%ile | 90%ile | 95%ile | 99%ile | Maximum |
| | | | | 53100 | 150000 | 197000 | 257000 | 372000 |

Application

Concentration of ai in applied product (mg/amount):

1

Rate of applied product (amount/m2): 8.4

Quantity applied (mg/m2): 8.4

Time Spent in Garden

Start Age: 0

End Age: 18
 Probability Gardening: 0
 Time Spent Gardening:
 Point Estimate of Time: 0

Start Age: 19
 End Age: 85
 Probability Gardening: 1
 Time Spent Gardening:

| | | | | | | | |
|------------------------------|---------|--------|--------|--------|--------|--------|---------|
| | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 99%ile | Maximum |
| Distribution of Time: 0.0014 | 0.029 | | 0.15 | 0.29 | 0.44 | 0.73 | 0.96 |

Post-application

Decline rate in dislodgeable mass on plants over time
 (%/day): 0.38
 Fraction of mass on plants that is dislodgeable
 (unitless): 0.17

Naled-Public Health

Registration number (equivalent): (no registration number)

Public Health Use

Microenvironment class: turf(Public application)

| | Fraction of lawns affected | Freq. of treatment (per month) | Predicted residue level (mg/m2) |
|-----------|----------------------------|--------------------------------|---------------------------------|
| Northeast | 0.189 | 2 | 1.73 |
| Midwest | 0.185 | 2 | 1.73 |
| South | 0.053 | 2 | 1.73 |
| West | 0.005 | 2 | 1.73 |

Post-application

Decline rate in dislodgeable mass on turf over time
 (%/day): 100
 Fraction of mass on turf that is dislodgeable
 (unitless): 0.01
 Decline rate in total mass on turf (%/day): 100
 Decline rate in total mass in soil (%/day): 100

| | | | | | | | | |
|--|---------|--------|--------|--------|--------|--------|--------|---------|
| Product's oral modifying factor (unitless): | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
| Oral Modifying Factor: 1.4e-005 | | 0.017 | 0.14 | 0.32 | 0.54 | 0.71 | 1.02 | 1.61 |

Tetrachlorvinphos-Aerosol

Registration number (equivalent): (no registration number)

| | |
|--------------------------------|-------------------------------|
| Liquid Aerosol spray | Use Probability Factor |
| Pests to control: fleas | 0.3 |
| ticks, chiggers | 0.3 |

Minimum repeat time (days): 56
Phed data?: Yes

Applicator exposure factors

| | | | | | | | | |
|---|---------|--------|----------|----------|----------|----------|---------|----------|
| Inhalation exposure (nanogr ai inhaled/Lb ai applied): 0 | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
| | | 6e-006 | 5.7e-005 | 0.000129 | 0.000249 | 0.000364 | 0.00067 | 0.001884 |

| | | | | | | | | |
|---|---------|--------|----------|----------|----------|---------|----------|----------|
| Dermal exposure (ug ai on skin/Lb ai applied): 0 | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
| | | 5e-006 | 2.2e-005 | 4.5e-005 | 8.6e-005 | 0.00012 | 0.000217 | 0.000848 |

Application

Concentration of ai in applied product (mg/amount): 1
Rate of applied product (amount/animal): 0.9
Quantity applied (mg/animal): 0.9

Post-application

Decline rate in dislodgeable mass on pet over time (%/day): 21
Fraction of mass on pet that is dislodgeable (unitless): 0.026

| | | | | | | | | |
|--|---------|---------|--------|--------|--------|--------|--------|---------|
| Product's oral modifying factor (unitless): | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
| Oral Modifying Factor: 0 | | 0.00284 | 0.0194 | 0.0442 | 0.0858 | 0.119 | 0.201 | 0.45 |

Tetrachlorvinphos-Pump Spray

Registration number (equivalent): (no registration number)

| | |
|--------------------------------|-------------------------------|
| Liquid Trigger sprayer | Use Probability Factor |
| Pests to control: fleas | 0.3 |
| ticks, chiggers | 0.3 |

Minimum repeat time (days): 56
Phed data?: Yes

Applicator exposure factors

| | | | | | | | |
|---|---------|--------|----------|----------|----------|----------|---------|
| | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | Maximum |
| Inhalation exposure (nanogr ai inhaled/Lb ai applied): 0 | | 6e-006 | 6.2e-005 | 0.000143 | 0.000279 | 0.000402 | 0.0017 |

| | | | | | | | |
|---|---------|--------|----------|--------|----------|----------|---------|
| | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | Maximum |
| Dermal exposure (ug ai on skin/Lb ai applied): 0 | | 5e-006 | 2.4e-005 | 5e-005 | 9.5e-005 | 0.000132 | 0.00076 |

Application

Concentration of ai in applied product (mg/amount): 1
Rate of applied product (amount/animal): 0.6
Quantity applied (mg/animal): 0.6

Post-application

Decline rate in dislodgeable mass on pet over time (%/day): 21
Fraction of mass on pet that is dislodgeable (unitless): 0.072

| | | | | | | | | |
|---|---------|---------|--------|--------|--------|--------|--------|---------|
| | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
| Product's oral modifying factor (unitless): Oral Modifying Factor: 0 | | 0.00312 | 0.0214 | 0.0483 | 0.0936 | 0.13 | 0.225 | 0.446 |

Tetrachlorvinphos-Powder

Registration number (equivalent): (no registration number)

| | | |
|--------------------------|-------------------------------|-------------------------------|
| | Dust/Powder Shaker can | Use Probability Factor |
| Pests to control: | fleas | 0.3 |
| | ticks, chiggers | 0.3 |

Minimum repeat time (days): 56
Phed data?: Yes

Applicator exposure factors

| | | | | | | | | |
|---|---------|--------|----------|----------|----------|----------|----------|----------|
| | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
| Inhalation exposure (nanogr ai inhaled/Lb ai applied): 0 | | 1e-006 | 1.2e-005 | 3.5e-005 | 8.2e-005 | 0.000131 | 0.000275 | 0.000598 |

Trichorfon-Lawn

Registration number (equivalent): (no registration number)

Liquid Broadcast Hose-end sprayer **Use Probability Factor**
Microenvironment class: turf(Commercial application)

Northeast(single family home): 0.02
Midwest(single family home): 0.02
South(single family home): 0.02
West(single family home): 0.02
warm season(single family home): 0.08 application(s)/month
cold season (single family home): 0 application(s)/month

Application

Concentration of ai in applied product (mg/amount): 1
Rate of applied product (amount/m2): 20.6
Quantity applied (mg/m2): 20.6

Post-application

Decline rate in dislodgeable mass on turf over time
(%/day): 96
Fraction of mass on turf that is dislodgeable
(unitless): 0.0037
Decline rate in total mass on turf (%/day): 96
Decline rate in total mass in soil (%/day): 96

| Product's oral modifying factor (unitless): | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
|---|---------|--------|--------|--------|--------|--------|--------|---------|
| Oral Modifying Factor: 5.5e-006 | | 0.0065 | 0.056 | 0.123 | 0.21 | 0.27 | 0.4 | 0.63 |

Granular Broadcast Rotary Spreader **Use Probability Factor**

Microenvironment class: turf(Commercial application)

Northeast(single family home): 0.002
Midwest(single family home): 0.002
South(single family home): 0.001
West(single family home): 0.002
warm season(single family home): 0.08 application(s)/month

cold season (single family home): 0 application(s)/month

Application

Concentration of ai in applied product (mg/amount):

1

Rate of applied product (amount/m2): 20.6

Quantity applied (mg/m2): 20.6

Post-application

Decline rate in dislodgeable mass on turf over time

(%/day): 96

Fraction of mass on turf that is dislodgeable

(unitless): 0.0037

Decline rate in total mass on turf (%/day): 96

Decline rate in total mass in soil (%/day): 96

Product's oral modifying factor (unitless):

Oral Modifying Factor: 5.5e-006

Minimum

10%ile

50%ile

75%ile

90%ile

95%ile

99%ile

Maximum

0.0065

0.056

0.123

0.21

0.27

0.4

0.63

Granular Broadcast Drop Spreader

Use Probability Factor

Pests to control: grass-like weeds

0.15

Minimum repeat time (days): 365

Phed data?: Yes

Applicator exposure factors

Minimum

Maximum

Inhalation exposure (nanogr ai inhaled/Lb ai

applied): 2090

105600

Minimum

10%ile

50%ile

75%ile

90%ile

95%ile

Maximum

Dermal exposure (ug ai on skin/Lb ai applied): 0

330

610

1120

1320

1540

1930

Application

Concentration of ai in applied product (mg/amount):

1

Rate of applied product (amount/m2): 20.6

Quantity applied (mg/m2): 20.6

Maximum area treated (m2): 1394

Post-application

Decline rate in dislodgeable mass on turf over time
(%/day): 96

Fraction of mass on turf that is dislodgeable
(unitless): 0.0037

Decline rate in total mass on turf (%/day): 96

Decline rate in total mass in soil (%/day): 96

| Product's oral modifying factor (unitless): | Minimum | 10%ile | 50%ile | 75%ile | 90%ile | 95%ile | 99%ile | Maximum |
|--|---------|--------|--------|--------|--------|--------|--------|---------|
| Oral Modifying Factor: 5.5e-006 | | 0.0065 | 0.056 | 0.123 | 0.21 | 0.27 | 0.4 | 0.63 |