

APPENDIX L: T-Rex Output files

WHEAT & CORN:

T-Rex Model Inputs			
These values will be used in the calculation of exposure estimates for foliar, granular, liquid and/or seed applications of pesticides.			
Chemical Name:	Phorate		
Use:	wheat		
Product name and form:	8-Apr		
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%		
Application Rate (lbs/A):	1		
Half-life (days):	137		
Application Interval (days):			
Number of Applications:	1		
Note: Sources of wildlife diet are assumed to be available for less than one year for this model.			
Endpoints			
Avian			
		Indicate test species below	Optional Test Organism Body weight (g) Optional Test Species Name
LD50 (mg/kg-bw)	0.62	Mallard duck	
LC50 (mg/kg-diet)	240.00	Mallard duck	
NOAEL (mg/kg-bw)		Mallard duck	
NOAEC (mg/kg-diet)	5.00	Mallard duck	
Enter the Mineau et al. Scaling Factor		1.15	
Mammals			
LD50 (mg/kg-bw)	1.40		
LC50 (mg/kg-diet)			
Reported Chronic Endpoint	0.20	mg/kg-bw	
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes		
Enter dietary concentration (mg/kg-diet)	2.00		
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose		2	mg/kg-diet based on standard FDA lab rat conversion
LD50 ft-2	Application Type: Broadcast 1 Granular 1 Make sure to enter an application rate above		
	Do not use this input		
	Do not use this input		
	Do not use this input		
	Do not use this input		
T-Rex Model Inputs			
Page 2		Phorate	

Broadcast applications		
Granular		
Intermediate Calculations		
mg ai/ft2:	10.41	
LD50 ft-2		
	wgt class	
Avian	20 g	1617.33
	100 g	254.09
	1000 g	17.99
Mammal	15 g	225.61
	35 g	119.50
	1000 g	9.67

**Summary of
LD50/Square
Foot Results**

Row/Band/In-furrow applications

Table X. Avian LD50 per Square Foot							
Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
20	0.32	#VALUE!	#VALUE!	10.41	N/A	N/A	1617.33
100	0.41				N/A	N/A	254.09
1000	0.58				N/A	N/A	17.99

Table X. Mammalian LD50 per Square Foot							
Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
15	0.32	#VALUE!	#VALUE!	10.41	N/A	N/A	225.61
35	0.41				N/A	N/A	119.50
1000	0.58				N/A	N/A	9.67

SUGARBEET:

TREX MODEL INPUTS

These values will be used in the calculation of exposure estimates for foliar, granular, liquid and/or seed applications of pesticides.

Chemical Name:	Phorate
Use:	beet
Product name and form:	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	1.5
Half-life (days):	137
Application Interval (days):	
Number of Applications:	1

Note: Sources of wildlife diet are assumed to be available for less than one year for this model.

Endpoints

Avian			
		Indicate test species below	Optional Test Organism Body weight (g)
LD50 (mg/kg-bw)	0.62	Mallard duck	
LC50 (mg/kg-diet)	240.00	Mallard duck	
NOAEL (mg/kg-bw)		Mallard duck	
NOAEC (mg/kg-diet)	5.00	Mallard duck	
Enter the Mineau et al. Scaling Factor		1.15	Optional Test Species Name
Mammals			
LD50 (mg/kg-bw)	1.40		
LC50 (mg/kg-diet)			
Reported Chronic Endpoint	0.20	mg/kg-bw	
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes		
Enter dietary concentration (mg/kg-diet)	2.00		
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose	2	mg/kg-diet based on standard FDA lab rat conversion	

LD50 ft-2

Application Type:	Broadcast	1	Make sure to enter an application rate above
	Granular	1	
	Do not use this input		
	Do not use this input		

TREX MODEL INPUTS

Summary of LD50/Square Foot Results							
Table X. Avian LD50 per Square Foot							
Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
20	0.32	#VALUE!	#VALUE!	15.62	N/A	N/A	2425.99
100	0.41				N/A	N/A	381.13
1000	0.58				N/A	N/A	26.98
Table X. Mammalian LD50 per Square Foot							
Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
15	0.32	#VALUE!	#VALUE!	15.62	N/A	N/A	338.42
35	0.41				N/A	N/A	179.25
1000	0.58				N/A	N/A	14.51

Broadcast applications		
Granular		
Intermediate Calculations		
mg ai/ft2:	15.62	
LD50 ft-2		
	wgt class	
Avian	20 g	2425.99
	100 g	381.13
	1000 g	26.98
Mammal	15 g	338.42

SOURGHUM:

TREX MODEL INPUTS

35 g

179.25

1000 g

14.51

These values will be used in the cal
seed applications of pesticides.

Chemical Name:	Phorate
Use:	sourgum
Product name and form:	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	1.3125
Half-life (days):	137
Application Interval (days):	
Number of Applications:	1

Note: Sources of wildlife diet are assumed to be available for less than one year for this model.

Endpoints

Avian

		Indicate test species below	Optional Test Organism Body weight (g)	Optional Test Species Name
LD50 (mg/kg-bw)	0.62	Mallard duck		
LC50 (mg/kg-diet)	240.00	Mallard duck		
NOAEL (mg/kg-bw)		Mallard duck		
NOAEC (mg/kg-diet)	5.00	Mallard duck		
Enter the Mineau et al. Scaling Factor		1.15		

Mammals

LD50 (mg/kg-bw)	1.40	
LC50 (mg/kg-diet)		
Reported Chronic Endpoint	0.20	mg/kg-bw
Is dietary concentration (mg/kg- diet) reported from the available chronic mammal study? (yes or no)	yes	
Enter dietary concentration (mg/kg-diet)	2.00	
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose	2	mg/kg-diet based on standard FDA lab rat conversion

LD50 ft-2

Application Type:

Broadcast	▼	1
Granular	▼	1

Make sure to enter an
application rate above

Do not use this input

Do not use this input

Do not use this input

Do not use this input

TREX MODEL INPUTS

Summary of LD50/Square Foot Results					
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Table X. Avian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
20	0.32	#VALUE!	#VALUE!	13.67	N/A	N/A	2122.74
100	0.41				N/A	N/A	333.49
1000	0.58				N/A	N/A	23.61

Table X. Mammalian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
15	0.32	#VALUE!	#VALU E!	13.67	N/A	N/A	296.12
35	0.41				N/A	N/A	156.85
1000	0.58				N/A	N/A	12.69

Broadcast applications		
Granular		
Intermediate Calculations		
mg ai/ft2:	13.67	
LD50 ft-2		
	wgt class	
Avian	20 g	2122.74
	100 g	333.49
	1000 g	23.61
Mammal	15 g	296.12
	35 g	156.85
	1000 g	12.69

POTATO:

TREX MODEL INPUTS

These values will be used in the calculation of exposure estimates for foliar, granular, liquid and/or seed applications of pesticides.

Chemical Name:	Phorate
Use:	potato
Product name and form:	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	3.45
Half-life (days):	137
Application Interval (days):	
Number of Applications:	1

Note: Sources of wildlife diet are assumed to be available for less than one year for this model.

Endpoints

Avian

		Indicate test species below	Optional Test Organism Body weight (g)	Optional Test Species Name
LD50 (mg/kg-bw)	0.62	Mallard duck		
LC50 (mg/kg-diet)	240.00	Mallard duck		
NOAEL (mg/kg-bw)		Mallard duck		
NOAEC (mg/kg-diet)	5.00	Mallard duck		
Enter the Mineau et al. Scaling Factor		1.15		

Mammals

LD50 (mg/kg-bw)	1.40
LC50 (mg/kg-diet)	
Reported Chronic Endpoint	0.20 mg/kg-bw
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes
Enter dietary concentration (mg/kg-diet)	2.00
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose	2 mg/kg-diet based on standard FDA lab rat conversion

LD50 ft-2

Application Type:	Broadcast	1	Make sure to enter an application rate above
	Granular	1	
Do not use this input			
Do not use this input			
Do not use this input			
Do not use this input			

TREX MODEL INPUTS

Summary of LD50/Square Foot Results					
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Table X. Avian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
20	0.32	#VALUE!	#VALUE!	35.92	N/A	N/A	5579.78
100	0.41				N/A	N/A	876.60
1000	0.58				N/A	N/A	62.06

Table X. Mammalian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
15	0.32	#VALUE!	#VALU E!	35.92	N/A	N/A	778.36
35	0.41				N/A	N/A	412.29
1000	0.58				N/A	N/A	33.36

Broadcast applications		
Granular		
Intermediate Calculations		
mg ai/ft2:	35.92	
LD50 ft-2		
	wgt class	
Avian	20 g	5579.78
	100 g	876.60
	1000 g	62.06
Mammal	15 g	778.36
	35 g	412.29
	1000 g	33.36

PEANUT:

<http://www.peanutsusa.com/USA/index.cfm?fuseaction=home.page&pid=12>

TREX MODEL INPUTS

These values will be used in the calculation of exposure estimates for foliar, granular, liquid and/or seed applications of pesticides.

Chemical Name:	Phorate
Use:	peanut
Product name and form:	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	1.6
Half-life (days):	137
Application Interval (days):	
Number of Applications:	1

Note: Sources of wildlife diet are assumed to be available for less than one year for this model.

Endpoints

Avian

Indicate test species below			Optional Test Organism Body weight (g)	Optional Test Species Name
LD50 (mg/kg-bw)	0.62	Mallard duck		
LC50 (mg/kg-diet)	240.00	Mallard duck		
NOAEL (mg/kg-bw)		Mallard duck		
NOAEC (mg/kg-diet)	5.00	Mallard duck		
Enter the Mineau et al. Scaling Factor		1.15		

Mammals

LD50 (mg/kg-bw)	1.40	
LC50 (mg/kg-diet)		
Reported Chronic Endpoint	0.20	mg/kg-bw
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes	
Enter dietary concentration (mg/kg-diet)	2.00	
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose	2	mg/kg-diet based on standard FDA lab rat conversion

LD50 ft-2

Application Type:

Rows/Band/In-furrow	2
Granular	1

Enter data below:

Do not use this input

Row spacing (in): 36.00

Bandwidth (in): 6.00

% incorporated: 85.00%

TREX MODEL INPUTS

Page 2

Phorate

Row/Band/In-furrow applications		
Granular		
Intermediate Calculations		
# rows acre-1:		69.57
row length (ft):		208.71
lb ai/1000 ft row:		0.11
bandwidth (ft):		0.50
mg ai/ft2:		99.96
exposed mg ai/ft2:		14.99
LD50 ft-2		
wgt class		
Avian	20 g	2328.95
	100 g	365.89
	1000 g	25.90
Mammal	15 g	324.88
	35 g	172.08
	1000 g	13.92

Summary of LD50/Square Foot Results							
	Row/Band/In-furrow applications						
Table X. Avian LD50 per Square Foot							
Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
20	0.32	#VALUE!	#VALUE!	16.66	2328.95	N/A	N/A
100	0.41				365.89	N/A	N/A
1000	0.58				25.90	N/A	N/A
Table X. Mammalian LD50 per Square Foot							
Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		

		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
15	0.32	#VALUE!	#VALUE!	16.66	324.88	N/A	N/A
35	0.41				172.08	N/A	N/A
1000	0.58				13.92	N/A	N/A

ORNAMENTAL (bulbs):

<http://www.rma.usda.gov/pilots/feasible/pdf/bulb.pdf>

TREX MODEL INPUTS

These values will be used in the calculation of exposure estimates for foliar, granular, liquid and/or seed applications of pesticides.

Chemical Name:	Phorate
Use:	ornamental
Product name and form:	
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%
Application Rate (lbs/A):	8
Half-life (days):	137
Application Interval (days):	
Number of Applications:	1

Note: Sources of wildlife diet are assumed to be available for less than one year for this model.

Endpoints

Avian

Indicate test species below			Optional Test Organism Body weight (g)	Optional Test Species Name
LD50 (mg/kg-bw)	0.62	Mallard duck		
LC50 (mg/kg-diet)	240.00	Mallard duck		
NOAEL (mg/kg-bw)		Mallard duck		
NOAEC (mg/kg-diet)	5.00	Mallard duck		
Enter the Mineau et al. Scaling Factor		1.15		

Mammals

LD50 (mg/kg-bw)	1.40	
LC50 (mg/kg-diet)		
Reported Chronic Endpoint	0.20	mg/kg-bw
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes	
Enter dietary concentration (mg/kg-diet)	2.00	
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose	2	mg/kg-diet based on standard FDA lab rat conversion

LD50 ft-2

Application Type:

Rows/Band/In-furrow	2
Granular	1

Enter data below:

Do not use this input

Row spacing (in):

6.00

Bandwidth (in):

12.00

% incorporated:

85.00%

TREX MODEL INPUTS

Page 2

Phorate

Summary of LD50/Square Foot Results								
	Row/Band/In-furrow applications							
Table X. Avian LD50 per Square Foot								
Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft			
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast	
		Granular	Liquid		Granular	Liquid		
20	0.32	#VALUE!	#VALUE!	83.30	970.40	N/A	N/A	
100	0.41				152.45	N/A	N/A	
1000	0.58				10.79	N/A	N/A	
Table X. Mammalian LD50 per Square Foot								
Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft			
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast	
		Granular	Liquid		Granular	Liquid		
15	0.32	#VALUE!	#VALUE!	83.30	135.37	N/A	N/A	
35	0.41				71.70	N/A	N/A	
1000	0.58				5.80	N/A	N/A	

Row/Band/In-furrow applications		
Granular		
Intermediate Calculations		
# rows acre-1:		417.42
row length (ft):		208.71
lb ai/1000 ft row:		0.09
bandwidth (ft):		1.00
mg ai/ft2:		41.65
exposed mg ai/ft2:		6.25
LD50 ft-2		
wgt class		
Avian	20 g	970.40
	100 g	152.45

	1000 g	10.79	
Mammal	15 g	135.37	
	35 g	71.70	
	1000 g	5.80	

COTTON:

TREX MODEL INPUTS				
These values will be used in the calculation of exposure estimates for foliar, granular, liquid and/or seed applications of pesticides.				
Chemical Name:	Phorate			
Use:	cotton			
Product name and form:				
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%			
Application Rate (lbs/A):	2.18			
Half-life (days):	137			
Application Interval (days):				
Number of Applications:	1			
Note: Sources of wildlife diet are assumed to be available for less than one year for this model.				
Endpoints				
Avian				
Indicate test species below				Optional Test Organism Body weight (g)
LD50 (mg/kg-bw)	0.62	Mallard duck		
LC50 (mg/kg-diet)	240.00	Mallard duck		
NOAEL (mg/kg-bw)		Mallard duck		
NOAEC (mg/kg-diet)	5.00	Mallard duck		
Enter the Mineau et al. Scaling Factor		1.15		
Mammals				
LD50 (mg/kg-bw)	1.40			
LC50 (mg/kg-diet)				
Reported Chronic Endpoint	0.20	mg/kg-bw		
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes			
Enter dietary concentration (mg/kg-diet)	2.00			
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose	2	mg/kg-diet based on standard FDA lab rat conversion		
LD50 ft-2				
Application Type:	Broadcast	1	Make sure to enter an	
	Granular	1	application rate above	
Do not use this input				
Do not use this input				
Do not use this input				
Do not use this input				
TREX MODEL INPUTS				
Page 2		Phorate		

Summary of LD50/Square Foot Results					
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Table X. Avian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
20	0.32	#VALUE!	#VALUE!	22.70	N/A	N/A	3525.77
100	0.41				N/A	N/A	553.91
1000	0.58				N/A	N/A	39.21

Table X. Mammalian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
15	0.32	#VALUE!	#VALU E!	22.70	N/A	N/A	491.83
35	0.41				N/A	N/A	260.52
1000	0.58				N/A	N/A	21.08

Broadcast applications		
Granular		
Intermediate Calculations		
mg ai/ft2:	22.70	
LD50 ft-2		
	wgt class	
Avian	20 g	3525.77
	100 g	553.91
	1000 g	39.21
Mammal	15 g	491.83
	35 g	260.52
	1000 g	21.08

SWEET CORN:

TREX MODEL INPUTS				
These values will be used in the calculation of exposure estimates for foliar, granular, liquid and/or seed applications of pesticides.				
Chemical Name:	Phorate			
Use:	sweet corn			
Product name and form:				
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%			
Application Rate (lbs/A):	1.3			
Half-life (days):	137			
Application Interval (days):				
Number of Applications:	1			
Note: Sources of wildlife diet are assumed to be available for less than one year for this model.				
Endpoints				
Avian				
Indicate test species below				Optional Test Organism Body weight (g)
LD50 (mg/kg-bw)	0.62	Mallard duck		
LC50 (mg/kg-diet)	240.00	Mallard duck		
NOAEL (mg/kg-bw)		Mallard duck		
NOAEC (mg/kg-diet)	5.00	Mallard duck		
Enter the Mineau et al. Scaling Factor		1.15		
Mammals				
LD50 (mg/kg-bw)	1.40			
LC50 (mg/kg-diet)				
Reported Chronic Endpoint	0.20	mg/kg-bw		
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes			
Enter dietary concentration (mg/kg-diet)	2.00			
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose	2	mg/kg-diet based on standard FDA lab rat conversion		
LD50 ft-2				
Application Type:	Broadcast	1	Make sure to enter an	
	Granular	1	application rate above	
Do not use this input				
Do not use this input				
Do not use this input				
Do not use this input				
TREX MODEL INPUTS				
Page 2		Phorate		

Summary of LD50/Square Foot Results					
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Table X. Avian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
20	0.32	#VALUE!	#VALU E!	13.54	N/A	N/A	2102.53
100	0.41				N/A	N/A	330.31
1000	0.58				N/A	N/A	23.38

Table X. Mammalian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
15	0.32	#VALUE!	#VALU E!	13.54	N/A	N/A	293.30
35	0.41				N/A	N/A	155.35
1000	0.58				N/A	N/A	12.57

Broadcast applications		
Granular		
Intermediate Calculations		
mg ai/ft2:	13.54	
LD50 ft-2		
	wgt class	
Avian	20 g	2102.53
	100 g	330.31
	1000 g	23.38
Mammal	15 g	293.30
	35 g	155.35
	1000 g	12.57

Beans:

TREX MODEL INPUTS									
These values will be used in the calculation of exposure estimates for foliar, granular, liquid and/or seed applications of pesticides.									
Chemical Name:	Phorate								
Use:	beans								
Product name and form:									
% A.I. (leading zero must be entered for formulations <1% a.i.):	100.00%								
Application Rate (lbs/A):	1.52								
Half-life (days):	137								
Application Interval (days):									
Number of Applications:	1								
Note: Sources of wildlife diet are assumed to be available for less than one year for this model.									
Endpoints									
Avian									
				Indicate test species below		Optional Test Organism		Optional Test Species Name	
LD50 (mg/kg-bw)	0.62		Mallard duck						
LC50 (mg/kg-diet)	240.00		Mallard duck						
NOAEL (mg/kg-bw)			Mallard duck						
NOAEC (mg/kg-diet)	5.00		Mallard duck						
Enter the Mineau et al. Scaling Factor				1.15					
Mammals									
LD50 (mg/kg-bw)	1.40								
LC50 (mg/kg-diet)									
Reported Chronic Endpoint	0.20		mg/kg-bw						
Is dietary concentration (mg/kg-diet) reported from the available chronic mammal study? (yes or no)	yes								
Enter dietary concentration (mg/kg-diet)	2.00								
Estimated Chronic Diet Concentration Equivalent to Reported Chronic Daily Dose	2		mg/kg-diet based on standard FDA lab rat conversion						
LD50 ft-2									
Application Type:	Broadcast		1		Make sure to enter an				
	Granular		1		application rate above				
Do not use this input									
Do not use this input									
Do not use this input									
Do not use this input									
TREX MODEL INPUTS									
Page 2				Phorate					

Summary of LD50/Square Foot Results					
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Table X. Avian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
20	0.32	#VALUE!	#VALUE!	15.83	N/A	N/A	2458.34
100	0.41				N/A	N/A	386.21
1000	0.58				N/A	N/A	27.34

Table X. Mammalian LD50 per Square Foot

Size Class (grams)	Adjusted LD50	mg/sq. ft			LD50/sq. ft		
		Row, banded, in furrow		Broadcast	Row, banded, in furrow		Broadcast
		Granular	Liquid		Granular	Liquid	
15	0.32	#VALUE!	#VALUE!	15.83	N/A	N/A	342.93
35	0.41				N/A	N/A	181.64
1000	0.58				N/A	N/A	14.70

Broadcast applications		
Granular		
Intermediate Calculations		
mg ai/ft2:	15.83	
LD50 ft-2		
	wgt class	
Avian	20 g	2458.34
	100 g	386.21
	1000 g	27.34
Mammal	15 g	342.93
	35 g	181.64
	1000 g	14.70

