Appendix F TerrPlant results

Table 1. Chemical Identity.	
Chemical Name	**linuron**
PC code	**x**
Use	**x**
Application Method	**ground**
Application Form	**liquid**
Solubility in Water (ppm)	**810**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**4**	**lb ai/A**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.02**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for linuron. Units in lb ai/A.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.08
Runoff to semi-aquatic areas	(A/I)*R*10	0.8
Spray drift	**A*D**	**0.04**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.12**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**0.84**

Table 4. Plant survival and growth data used for RQ derivation. Units are in lb ai/A.				
	Seedling Emergence		**Vegetative Vigor**	
	EC_{25}	**NOAEC**	**EC_{25}**	**NOAEC**
	0.004	0.002	**1.70E-03**	**1.00E-03**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to linuron through runoff and/or spray drift.*				
	Listed Status	**Dry**	**Semi-Aquatic**	**Spray Drift**
	non-listed	70.59	494.12	23.5
	listed	120.00	840.00	40.0
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

Table 1. Chemical Identity.	
Chemical Name	**linuron**
PC code	**x**
Use	**rights-of-way**
Application Method	**ground**
Application Form	**liquid**
Solubility in Water (ppm)	**810**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**3**	**lb ai/A**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.02**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for linuron. Units in lb ai/A.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.06
Runoff to semi-aquatic areas	(A/I)*R*10	0.6
Spray drift	**A*D**	**0.03**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.09**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**0.63**

Table 4. Plant survival and growth data used for RQ derivation. Units are in lb ai/A.				
	Seedling Emergence		**Vegetative Vigor**	
	EC_{25}	**NOAEC**	**EC_{25}**	**NOAEC**
	0.004	0.002	**1.70E-03**	**1.00E-03**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to linuron through runoff and/or spray drift.*				
	Listed Status	**Dry**	**Semi-Aquatic**	**Spray Drift**
	non-listed	52.94	370.59	17.64
	listed	90.00	630.00	30.0
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

Table 1. Chemical Identity.	
Chemical Name	**linuron**
PC code	**x**
Use	
Application Method	**ground**
Application Form	**liquid**
Solubility in Water (ppm)	**810**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**1.5**	**lb ai/A**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.02**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for linuron. Units in lb ai/A.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.03
Runoff to semi-aquatic areas	(A/I)*R*10	0.3
Spray drift	**A*D**	**0.015**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.045**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**0.315**

Table 4. Plant survival and growth data used for RQ derivation. Units are in lb ai/A.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	0.004	0.002	**1.70E-03**	**1.00E-03**
Dicot				

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to linuron through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	26.47	185.29	8.82
Monocot	listed	45.00	315.00	15.0
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

Table 1. Chemical Identity.	
Chemical Name	**linuron**
PC code	**x**
Use	
Application Method	**ground**
Application Form	**liquid**
Solubility in Water (ppm)	**810**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**1**	**lb ai/A**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.02**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for linuron. Units in lb ai/A.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.02
Runoff to semi-aquatic areas	(A/I)*R*10	0.2
Spray drift	**A*D**	**0.01**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.03**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**0.21**

Table 4. Plant survival and growth data used for RQ derivation. Units are in lb ai/A.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	0.004	0.002	**1.70E-03**	**1.00E-03**
Dicot				

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to linuron through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	17.65	123.53	5.88
Monocot	listed	30.00	210.00	10.0
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				