TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**Noncrop Non Ag ROW**
Application Method	**x**
Application Form	**granular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**12**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.6
Runoff to semi-aquatic areas	(A/I)*R*10	6
Spray drift	**A*D**	**0**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.6**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**6**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	31.58	315.79	<0.1
Monocot	listed	43.17	431.65	<0.1
Dicot	non-listed	93.75	937.50	<0.1
Dicot	listed	172.41	1724.14	<0.1

*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**Noncrop airports sewage other**
Application Method	**aerial**
Application Form	**nongranular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**8**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0.05**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.4
Runoff to semi-aquatic areas	(A/I)*R*10	4
Spray drift	**A*D**	**0.4**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.8**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**4.4**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	42.11	231.58	21.05
Monocot	listed	57.55	316.55	28.78
Dicot	non-listed	125.00	687.50	62.50
Dicot	listed	229.89	1264.37	114.94
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**Forest Site Prep**
Application Method	**x**
Application Form	**granular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**5**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.25
Runoff to semi-aquatic areas	(A/I)*R*10	2.5
Spray drift	**A*D**	**0**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.25**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**2.5**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	13.16	131.58	<0.1
Monocot	listed	17.99	179.86	<0.1
Dicot	non-listed	39.06	390.63	<0.1
Dicot	listed	71.84	718.39	<0.1
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**pineapple**
Application Method	**aerial**
Application Form	**nongranular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**3.6**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0.05**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.18
Runoff to semi-aquatic areas	(A/I)*R*10	1.8
Spray drift	**A*D**	**0.18**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.36**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**1.98**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	18.95	104.21	9.47
Monocot	listed	25.90	142.45	12.95
Dicot	non-listed	56.25	309.38	28.13
Dicot	listed	103.45	568.97	51.72
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**Rangeland**
Application Method	**x**
Application Form	**granular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**3**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.15
Runoff to semi-aquatic areas	(A/I)*R*10	1.5
Spray drift	**A*D**	**0**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.15**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**1.5**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	7.89	78.95	<0.1
Monocot	listed	10.79	107.91	<0.1
Dicot	non-listed	23.44	234.38	<0.1
Dicot	listed	43.10	431.03	<0.1
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**blueberry**
Application Method	**aerial**
Application Form	**nongranular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**3**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0.05**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.15
Runoff to semi-aquatic areas	(A/I)*R*10	1.5
Spray drift	**A*D**	**0.15**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.3**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**1.65**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	15.79	86.84	7.89
Monocot	listed	21.58	118.71	10.79
Dicot	non-listed	46.88	257.81	23.44
Dicot	listed	86.21	474.14	43.10
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**blueberry**
Application Method	**ground**
Application Form	**nongranular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**3**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.15
Runoff to semi-aquatic areas	(A/I)*R*10	1.5
Spray drift	**A*D**	**0.03**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.18**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**1.53**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	9.47	80.53	1.58
Monocot	listed	12.95	110.07	2.16
Dicot	non-listed	28.13	239.06	4.69
Dicot	listed	51.72	439.66	8.62
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**Christmas tree**
Application Method	**ground**
Application Form	**nongranular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**2**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.1
Runoff to semi-aquatic areas	(A/I)*R*10	1
Spray drift	**A*D**	**0.02**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.12**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**1.02**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	6.32	53.68	1.05
Monocot	listed	8.63	73.38	1.44
Dicot	non-listed	18.75	159.38	3.13
Dicot	listed	34.48	293.10	5.75
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**Alfalfa**
Application Method	**aerial**
Application Form	**nongranular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**1.5**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0.05**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.075
Runoff to semi-aquatic areas	(A/I)*R*10	0.75
Spray drift	**A*D**	**0.075**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.15**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**0.825**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	7.89	43.42	3.95
Monocot	listed	10.79	59.35	5.40
Dicot	non-listed	23.44	128.91	11.72
Dicot	listed	43.10	237.07	21.55
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				

TerrPlant v. 1.2.2
Green values signify user inputs (Tables 1, 2 and 4).
Input and output guidance is in popups indicated by red arrows.

Table 1. Chemical Identity.	
Chemical Name	**Hexazinone**
PC code	**107201**
Use	**pasture**
Application Method	**ground**
Application Form	**nongranular**
Solubility in Water (ppm)	**33000**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**1.1**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for Hexazinone. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.055
Runoff to semi-aquatic areas	(A/I)*R*10	0.55
Spray drift	**A*D**	**0.011**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.066**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**0.561**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.019**	**0.0139**	**0.02**	**0.01**
Dicot	**0.0064**	**0.00348**	**0.011**	**0.0071**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Hexazinone through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	3.47	29.53	0.58
Monocot	listed	4.75	40.36	0.79
Dicot	non-listed	10.31	87.66	1.72
Dicot	listed	18.97	161.21	3.16
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				