Appendix F. Example Output from TerrPlant

TerrPlant v. 1.2.2: 1 application @ 6 lb .ai./acre
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	**bensulide**
PC code	
Use	
Application Method	**ground**
Application Form	**Spray**
Solubility in Water (ppm)	**5.6**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**6**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.01**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for bensulide. Units in y.		
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**	**0.06**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.12**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**0.66**

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	**1.9**	**0.38**	**6**	**0.75**
Dicot	**6**	**6**	**1.3**	**0.38**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to bensulide through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	<0.1	0.35	<0.1
Monocot	listed	0.32	1.74	0.16
Dicot	non-listed	<0.1	0.11	<0.1
Dicot	listed	<0.1	0.11	0.16
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				