

Appendix F. Example Output from TerrPlant Version 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	Phosmet
PC code	
Use	Walnuts, filberts, other nuts
Application Method	Ground spray
Application Form	liquid
Solubility in Water (ppm)	20

Table 2. Input parameters used to derive EECs.

Input Parameter	Symbol	Value	Units
Application Rate	A	5.95	
Incorporation	I	1	none
Runoff Fraction	R	0.02	none
Drift Fraction	D	0.77	none

Table 3. EECs for Phosmet. Units in .

Description	Equation	EEC
Runoff to dry areas	$(A/I)*R$	0.119
Runoff to semi-aquatic areas	$(A/I)*R*10$	1.19
Spray drift	$A*D$	4.5815
Total for dry areas	$((A/I)*R)+(A*D)$	4.7005
Total for semi-aquatic areas	$((A/I)*R*10)+(A*D)$	5.7715

Table 4. Plant survival and growth data used for RQ derivation. Units are in .

Plant type	Seedling Emergence		Vegetative Vigor	
	EC25	NOAEC	EC25	NOAEC
Monocot	0.13	0.11	0.13	0.11
Dicot	0.13	0.11	0.13	0.11

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to Phosmet through runoff and/or spray drift.*

Plant Type	Listed Status	Dry	Semi-Aquatic	Spray Drift
Monocot	non-listed	36.16	44.40	35.24
Monocot	listed	42.73	52.47	41.65
Dicot	non-listed	36.16	44.40	35.24
Dicot	listed	42.73	52.47	41.65

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