

Appendix N Terrplant Example Output

Table 1. Chemical Identity.

Chemical Name	Metconazole
PC code	128857
Use	Fruit
Application Method	Aerial
Application Form	Spray
Solubility in Water (ppm)	142 for myclobutanil

Table 2. Input parameters used to derive EECs.

Input Parameter	Symbol	Value	Units
Application Rate	A	0.14	lbs/A
Incorporation	I	1	none
Runoff Fraction	R	0.05	none
Drift Fraction	D	0.05	none

Table 3. EECs for Metconazole. Units in lbs/A.

Description	Equation	EEC
Runoff to dry areas	$(A/I)*R$	0.007
Runoff to semi-aquatic areas	$(A/I)*R*10$	0.07
Spray drift	$A*D$	0.007
Total for dry areas	$((A/I)*R)+(A*D)$	0.014
Total for semi-aquatic areas	$((A/I)*R*10)+(A*D)$	0.077

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

Plant type	Seedling Emergence		Vegetative Vigor	
	EC25	NOAEC	EC25	NOAEC
Monocot	0.78	0.3		0.6
Dicot	0.15	0.075	0.44	0.0036

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

Plant Type	Listed Status	Dry	Semi-Aquatic	Spray Drift
Monocot	non-listed	<0.1	<0.1	<0.1
Monocot	listed	<0.1	0.26	<0.1
Dicot	non-listed	<0.1	0.51	<0.1
Dicot	listed	0.19	1.03	<0.1

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