

WEED CONTROL OPTIONS SUMMARY – YARRA CITY COUNCIL

CATEGORY	GLYPHOSATE BASED	STEAM	NON GLYPHOSATE, SLASHER	NON GLYPHOSATE, BIO WEED	NON GLYPHOSATE, EXONERATE	MANUAL CONTROL
Active Ingredients	Glyphosate + Other	N/A	Pine Oil Extract + Other	Pine Oil Extract + Other	Ammonium, Phosphoric Acid Derivative	N/A
Application Method	Mix with water & spray	Steam + Heat	Mix with water & spray	Mix with water & spray	Mix with water & spray	Electric Whipper Snipper
Surface Contact	Partial Contact	Full Contact	Full Contact	Full Contact	Full Contact	N/A
Spectrum of Weeds	Non Selective	Non Selective	Selective	Selective	Selective	N/A
Weed Destruction Method	Targets Roots	Steam + Heat targets foliage	Desecrates foliage surface (Acid base to burn plant)	Desecrates foliage surface (Acid base to burn plant)	Desecrates foliage surface (Acid base to burn plant)	Mechanical
Energy for Application	Pump runs off vehicle engine	Additional Diesel Engine required	Pump runs off vehicle engine	Pump runs off vehicle engine	Pump runs off vehicle engine	Rechargeable Battery
Surface Contact	Partial	Full	Full	Full	Full	N/A
Concentrate Mix with Water	100:1	N/A	100:7	100:7	100:7	N/A
Concentrate per Hectare	4	N/A	14	14	14	N/A
Scientific Data	Long Term Data Available	No long term research	No long term research	No long term research	No long term research	N/A
Australian Health Authorities	To Date support glyphosate usage	N/A	Not Available	Not Available	Not Available	N/A
World Health Authorities	To Date support glyphosate usage	N/A	Not Available	Not Available	Not Available	N/A
SDS Toxicological Information	Potentially harmful if swallowed in large quantities	N/A	No adverse effects expected if the product is handled in accordance with the label	There is no data available	No information to hand indicating any particular target organs	N/A
PRO's	<ul style="list-style-type: none"> Still supported by the Health Organisations and relevant Authorities Long term scientific data available Less concentrate required Cost Product is a known quantity 	<ul style="list-style-type: none"> No Chemicals Public perception 	<ul style="list-style-type: none"> Non Glyphosate Public perception 	<ul style="list-style-type: none"> Non Glyphosate Public perception 	<ul style="list-style-type: none"> Non Glyphosate Public perception 	<ul style="list-style-type: none"> No Chemicals Public perception Local employment
CON's	<ul style="list-style-type: none"> Litigation Risk Reputational Risk 	<ul style="list-style-type: none"> Cost High Volume Water Diesel engines + Heat required 	<ul style="list-style-type: none"> Cost 7 times the concentrate No long term scientific data available No long term assessment from health Organisations and Authorities All active ingredients not specified Unknown risks 	<ul style="list-style-type: none"> Cost 7 times the concentrate No long term scientific data available No long term assessment from health Organisations and Authorities All active ingredients not specified Unknown risks 	<ul style="list-style-type: none"> Cost 7 times the concentrate No long term scientific data available No long term assessment from health Organisations and Authorities All active ingredients not specified Unknown risks 	<ul style="list-style-type: none"> Cost Parked areas would be difficult Long term safety risks from repetitive activity