

Field trial record sheet: Site 3 - 5% Glyphosate & Synertrrol Spray 3.30PM 03/03/2014 **Completed:** Bridie O'Reilly

WEATHER	Temperature <input type="checkbox"/> < 10°C <input type="checkbox"/> 11-20°C <input checked="" type="checkbox"/> 21-30°C (29°C) <input type="checkbox"/> >31°C	Humidity <input checked="" type="checkbox"/> Low 31% <input type="checkbox"/> Medium <input type="checkbox"/> High	Wind <input checked="" type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy	Precipitation <input checked="" type="checkbox"/> None <input type="checkbox"/> Occasional showers <input type="checkbox"/> Continuous rain	Cloud cover <input checked="" type="checkbox"/> None - clear <input type="checkbox"/> Patchy high cloud <input type="checkbox"/> Medium cloud cover <input type="checkbox"/> Overcast
LOCATION	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private	Location: Greenhill Bridge Rd	GPS _____ S _____ E	Size of property/area 100 acres	Notes: 3 test sites in one area of juveniles, mature plants had been injected a few months ago.
TERRAIN AND VEGETATION	Terrain <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Moderate slope <input type="checkbox"/> Steep slope <input type="checkbox"/> Combination	Surface <input type="checkbox"/> Little rock <input checked="" type="checkbox"/> Occasional rock <input type="checkbox"/> Rocky <input type="checkbox"/> Variable	Vegetation <input checked="" type="checkbox"/> Grassland <input type="checkbox"/> Scrub <input type="checkbox"/> Open woodland <input type="checkbox"/> Dense woodland <input type="checkbox"/> Combination	Notes: the 3 sites were located in an open area with no trees or shrubs. There was a very gentle slope, facing west.	
CACTUS GROWTH PATTERNS	Density <input type="checkbox"/> Sparse <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Dense <input type="checkbox"/> Combination	Maturity <input checked="" type="checkbox"/> Mainly young <input type="checkbox"/> 75% young <input type="checkbox"/> 50% young <input type="checkbox"/> 25% young <input type="checkbox"/> Mainly mature	Clumps <input type="checkbox"/> None <input checked="" type="checkbox"/> Occasional <input type="checkbox"/> Extensive small <input type="checkbox"/> Extensive large <input type="checkbox"/> Extensive both	Water content <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/> Variable depending on location	Notes:
TREATMENT	Name: Wipe-Out 450 (450gm/L glyphosate)	Concentration 5% Wipe-Out & 3% Synertrrol	Dose Saturation spray	<input type="checkbox"/> Injection <input checked="" type="checkbox"/> Spray	Notes: Synertrrol Horti Oil: 905gm/L emulsifiable botanical oil, 10ml/ 3L
FOLLOWUP: Total number cacti in monitoring plot = 20 Total number cacti treated = 20 % treated = 100%					
Results 1 month Date 03/04/2014	0% Treated cacti unaffected	100% Treated cacti damaged	0% Treated cacti dead	0% Treated cacti regrowing	Notes: significant yellowing, some lost top leaf which shrivelled and died
Results 2 months Date 01/05/2014	0% Treated cacti unaffected	100% Treated cacti damaged	0% Treated cacti dead	0% Treated cacti regrowing	Notes:
Results 3 months Date 01/06/2013	0% Treated cacti unaffected	50% Treated cacti damaged	50% Treated cacti dead	0% Treated cacti regrowing	Notes:
Results 4 months Date 02/07/2014	0% Treated cacti unaffected	45% Treated cacti damaged/dying	55% Treated cacti dead	0% Treated cacti regrowing	Notes:
Results 6 months Date 02/10/2014	0% Treated cacti unaffected	5% Treated cacti dying	95% Treated cacti dead	0% Treated cacti regrowing	Notes:



Day of treatment: 3 March 2014



1 month follow up 3 April 2014



Damaged plants at 1 month follow up



Damaged plants at 1 month follow up



2 month follow up 1 May 2014



3 month follow up 1 June 2014



Damaged, dying and dead plants 3 months after spraying



4 month follow up 2 July 2014



Dying and dead plants 4 months after spraying



6 month follow up 2 October 2014



Dead and dying plants at 6 month follow up