

**Field trial record sheet: Site 1 - 1% Glyphosate & Synertrol Spray** 3.30PM 03/03/2014 **Completed:** Bridie O'Reilly

<b>WEATHER</b>	<b>Temperature</b> <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	<b>Humidity</b> <input checked="" type="checkbox"/> Low 31% <input type="checkbox"/> Medium <input type="checkbox"/> High	<b>Wind</b> <input checked="" type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy	<b>Precipitation</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Occasional showers <input type="checkbox"/> Continuous rain	<b>Cloud cover</b> <input checked="" type="checkbox"/> None - clear <input type="checkbox"/> Patchy high cloud <input type="checkbox"/> Medium cloud cover <input type="checkbox"/> Overcast
<b>LOCATION</b>	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private	<b>Location:</b> Greenhill Bridge Rd	<b>GPS</b> _____ S _____ E	<b>Size of property/area</b> 100 acres	<b>Notes:</b> 3 test sites in area of juveniles, mature plants injected a few months ago.
<b>TERRAIN AND VEGETATION</b>	<b>Terrain</b> <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Moderate slope <input type="checkbox"/> Steep slope <input type="checkbox"/> Combination	<b>Surface</b> <input type="checkbox"/> Little rock <input checked="" type="checkbox"/> Occasional rock <input type="checkbox"/> Rocky <input type="checkbox"/> Variable	<b>Vegetation</b> <input checked="" type="checkbox"/> Grassland <input type="checkbox"/> Scrub <input type="checkbox"/> Open woodland <input type="checkbox"/> Dense woodland <input type="checkbox"/> Combination	<b>Notes:</b> the 3 sites were located in an open area with no trees or shrubs. There was a very gentle slope, facing west.	
<b>CACTUS GROWTH PATTERNS</b>	<b>Density</b> <input type="checkbox"/> Sparse <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Dense <input type="checkbox"/> Combination	<b>Maturity</b> <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	<b>Clumps</b> <input type="checkbox"/> None <input checked="" type="checkbox"/> Occasional <input type="checkbox"/> Extensive small <input type="checkbox"/> Extensive large <input type="checkbox"/> Extensive both	<b>Water content</b> <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/> Variable depending on location	Notes:
<b>TREATMENT</b>	<b>Wipe-Out</b> 450gm/L (glyphosate)	1% Wipe-Out & 3% Synertrol	<b>Dose</b> Saturation spray	<input type="checkbox"/> Injection <input checked="" type="checkbox"/> Spray	Notes: Synertrol Horti Oil: 905gm/L emulsifiable botanical oil, 10ml/ 3L
<b>FOLLOWUP: Total number cacti in monitoring plot = 20                      Total number cacti treated = 20                      % treated = 100%</b>					
<b>Results 1 month</b> <b>Date</b> 03/04/2014	90% Treated cacti unaffected	10% Treated cacti damaged	0% Treated cacti dead	0% Treated cacti regrowing	Notes: 2 plants showing yellowing
<b>Results 2 months</b> <b>Date</b> 01/05/2014	50% Treated cacti unaffected	50% Treated cacti damaged	0% Treated cacti dead	0% Treated cacti regrowing	Notes:
<b>Results 3 months</b> <b>Date</b> 1/06/2014	50% Treated cacti unaffected	25% Treated cacti damaged	25% Treated cacti dead	0% Treated cacti regrowing	Notes: only very small juvenile cactus dead
<b>Results 4 months</b> <b>Date</b> 2/07/2014	25% Treated cacti unaffected	40% Treated cacti damaged/dying	35% Treated cacti dead	0% Treated cacti regrowing	

<b>Results 6 months</b> <b>Date</b> 1/09/2014	0% Treated cacti unaffected	35% Treated cacti damaged	65% Treated cacti dead	0% Treated cacti regrowing	
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Day of treatment: 3 March 2014



1 month follow up 3 April 2014



2 month follow up 1 May 2014



3 month follow up 1 June 2014



4 month follow up 2 July 2014



6 month follow up 2 October 2014



Site 1 damaged and dying dying plants