

ROXBURGH COLLEGE Field Day Record Sheet
Date 18 June 2014
Time 10 -30AM
Completed by B. O'Reilly

WEATHER	Temperature <input type="checkbox"/> < 10°C <input checked="" type="checkbox"/> 11-20°C <input type="checkbox"/> 21-30°C <input type="checkbox"/> >31°C	Humidity <input type="checkbox"/> Low <input checked="" 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 type="checkbox"/> None - clear <input type="checkbox"/> Patchy high cloud <input type="checkbox"/> Medium cloud cover <input checked="" type="checkbox"/> Overcast
LOCATION	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private	Location: Cnr Sth Parkins Reef & Tarrangower School Rds	GPS _____ S _____ E	Size of property/area 50 acres	Notes: other groups have had field days here before
TERRAIN AND VEGETATION	Terrain <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Moderate slope <input type="checkbox"/> Steep slope <input type="checkbox"/> Combination	Surface <input checked="" type="checkbox"/> Little rock <input type="checkbox"/> Occasional rock <input type="checkbox"/> Rocky <input type="checkbox"/> Variable	Vegetation <input type="checkbox"/> Grassland <input type="checkbox"/> Scrub <input checked="" type="checkbox"/> Open woodland <input type="checkbox"/> Dense woodland <input type="checkbox"/> Combination	Notes:	
CACTUS GROWTH PATTERNS	Density <input type="checkbox"/> Sparse <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Dense <input type="checkbox"/> Combination	Maturity <input type="checkbox"/> Mainly young <input type="checkbox"/> 75% young <input checked="" 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 small & large	Water content <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High <input type="checkbox"/> Variable depending on location	Notes:
TREATMENT	Name: Roundup	Concentration 33.5% glyphosate	Dose: 2-4ml per outer wheel	<input checked="" type="checkbox"/> Injection <input type="checkbox"/> Spray	Notes: 2-4ml per leaf depending on leaf size
VOLUNTEERS	Number: 35	Notes: 21 students			
FOLLOWUP: Total number cacti in monitoring plot = 44		Total number cacti treated = 31		% treated = 70%	
Results 1 month Date 18 July 2014	94% Treated cacti unaffected	6% Treated cacti damaged	0% Treated cacti dead	0% Treated cacti regrowing	Many stabbed not injected; some not all our wheels treated; some wheels split.
Results 3 months Date 18 Sept 2014	7% Treated cacti unaffected	77% Treated cacti damaged	16% Treated cacti dead	% Treated cacti regrowing	Notes:
Results 6 months Date 18 Dec 2014	% Treated cacti unaffected	% Treated cacti damaged	% Treated cacti dead	% Treated cacti regrowing	Notes:

Corner 1



Day of treatment



1 month later



3 months later

6 months later

Corner 2



Day of treatment



1 month later



3 months later

6 months later

Corner 3



Day of treatment



1 month later



3 months later

6 months later

Corner 4



Day of treatment



1 month later



3 months later

6 months later