

CalTAG Otago Release Sites Progress for SFF L11-172: Monitoring 2011-13

Site name	Release date	Site Status	Survey 2011-12			Survey 2012-13			Thistles ✕
			Beetles*	Windows#		Beetles*	Windows#		
CADB 1	Nov-07	Active	No	##	Spread wide	***	###	Spread 1km+	***
CADB 2	Dec-07	Active	* nearby	## nearby		n/a	n/a		All gone
CADB 3	Dec-07	Active	***	###	High gtb all	No	###		**
CADB 4	Feb-08	Active	No	##		*	###	Gorse sprayed	**
CADB 5	Feb-09	Active	No	No	Heavy grazing	*	#	Heavy grazing	**
CADB 6	Feb-09	Active	No	#		No	No		**
CADB 7	Feb-09	Active	No	#		No	#		*
CADB 8	Feb-09	Active	**	#		*	#	Converted to Dairy	**
CADB 9	Feb-09	Active	No	No		No	#	Heavy grazing	**
CADB 10	Mar-09	Destroyed	No	#		n/a	n/a	Site sprayed & cultivated	n/a
CADB 11	Mar-09	Destroyed	n/a	n/a	Site redeveloped	No visit			n/a
CADB 12	Mar-09	Active	No	#		No	No	Spraydr from Neigh	**
CADB 13	Mar-09	Farm Sold'13	No	No		No	#	Sprayed nearby	Same
CADB 14	Mar-09	Active	No	#	Heavy grazing	No	#	Little sign but fewer thistles	**
CADB 15	Feb-10	Active	No	No		No	#	Spread 500m	All gone
CADB 16	Feb-10	Active	No	No		No	#		**
CADB 17	Feb-10	Active	No	No	Sprayed all,not this area	*	#		*
CADB 18	Feb-10	Active	No	##	Dairy	No	No		*
CADB 19	Feb-10	Active	No	##	Dairy	No	No	Mowed & grazed	*
CADB 20	Mar-10	Active	No	##	Dairy: Heavy grazing	No	#	Spread 200m	**
CADB 21	Mar-10	Active	No	#		No	#	Little sign but fewer thistles	**
CADB 22	Mar-10	Active	No	No	Heavy grazing	No	No	Heavy grazing	**
CADB 23	Mar-10	Active	**	##		**	##		**
CADB 24	Mar-10	Active	*	##		No	#	Spread 500m	**
CADB 25	Mar-10	Active	No	#		No	No		**
CADB 26	Mar-10	Active	No	No	Fewer thistles,but grazing	No	#	Bush out & spray nearby	**
CADB 27	Mar-10	Active	n/a	#	Fewer thistles,but grazing	n/a	#	Spread 300m +5Ks?	All gone
CADB 28	Jan-11	Active	No	#		*	#		*
CADB 29	Jan-11	Active	No	#	Spread 200m	No	#		*
CADB 30	Jan-11	Active	No	##		No	No		**
CADB 31	Jan-11	Active	No	##	Spread 200m	No	##	Mowed & grazed	**

* Beetles, eggs, larvae (* for each)

Windows (evidence of beetles' feeding) # minor ## significant ### extensive

✕ Thistles: Since Release at site & 50m radius: Same/ ✕ minor reduction/ ✕ significant reduction/ ✕✕✕ extensive reduction/ All gone, even in 100m search nearby

May be useful later to identify: sites with trees nearby; sites subject to strong winds; level of grazing; summer growing conditions

CalTAG Southland Release Sites Progress for SFF L11-172: Monitoring 2011-13

			Survey 2011-12 [^]		Survey 2012-13		Thistles ✕
Site name	Release date	Site Status	Beetles*	Windows#	Beetles*	Windows#	
ES A	Nov-07	Active	* *	# # #	* * *	# # #	Spread approx 1km ✕ ✕ ✕
ES B	<u>Feb-08</u>	Unknown			No	No	Flood prone ✕
ES C	Nov-08	Active	No	No	No	#	Same
ES D	Mar-09	Active	n/a	n/a	No	#	n/a
ES E	Mar-09	Active	n/a	n/a	* *	# #	Some cultivation ✕ ✕
ES F	Feb-09	Unknown					
ES G	Feb-09	Active			No	#	✕
ES H	Feb-09	Unknown	No	#			^ heavy grazing
ES J	Feb-09	Active	n/a	n/a	No	No	Flooding Same
ES L	Feb-09	Active	n/a	n/a	No	No	Same
ES M	<u>Mar-09</u>	Unknown					Flooding Same
ES N	Oct-09	Unknown					
ES O	Mar-10	Active	n/a	n/a	*	#	✕
ES P	Mar-10	Unknown					
Horizons RC	Ati Hau Incorp	Mar-08	Unknown				

[^] Some records from earlier survey where no 2011-12 record

* Beetles, eggs, larvae (* for each)

Windows (evidence of beetles' feeding) # minor ## significant ### extensive

✕ Thistles: Since Release at site & 50m radius: Same/ ✕ minor reduction/ ✕ ✕ significant reduction/ ✕ ✕ ✕ extensive reduction/ All gone, even in 100m search nearby