

Area	10000	avg size	Source N	Source N Ha	% load
Dairy	2400		130000	54	60
Sheep	2400		36000	15	18
Hort low	200		1600	8	0.7
Hort xt	50		750	15	0.3
Hort int	200		8000	40	4
Hort MG	50		4000	80	2
Forest	2500		12000	5	6
Native	2200		8000	4	4
Point Source			15000		7
			215350		102

		upper quartil	10% red	5% red	1% red	
Dairy		120				
	20	2400			24	coming through addressing sediment & P
	20	2400			24	
	25	3000			30	
	30	3600		180		
	35	4200		210		Managed Reductions
	38	4560		228		
	40	4800		240		
	38	4560		228		
	40	4800		240		
	40	4800		240		
	42	5040	504			Managed Reductions
	45	5400	540			
	54	6480	648			
	58	6960	696			
	60	7200	720			
	70	8400	1920			
	75	9000	2520			
	80	9600	3120			
	100	12000	5520			
	106	12720	6240			
	110	13200	6720			
60	95	5700	5700			land use change from dairy 100 to tree @ 5 N loss. 2.5 % land area
	54		32460	2388	1566	78 36492 28.1% 14.60

93508 39

		Reduced to upper quartil	10% red	5% red	
Sheep		240			
	9	2160		108	coming through addressing sediment
	10	2400		120	
	11	2640		132	
	12	2880		144	
	13	3120		156	
	14	3360		168	
	16	3840		192	
	17	4080		204	
	22	5280	1200		Getting to bottom end dairy
	26	6240	960		
60	17	1020	1020		land use change from 22 to tree @ 5 N loss. 2.5 % land area
	15		3180	0	1224 4404 4404 12% 1.76

31596 13

		Reduced to upper quartil	10% red	5% red
Hort In		20		
	8	160		8
	22	440		22
	22	440		22
	25	500		25
	35	700		35
	40	800	80	
	45	900	90	
	62	1240	340	
	70	1400	500	
	75	1500	600	

40 1440 170 112 1722 1722 21.53% 8.61

Hort MG	Reduced to					
	upper quartil	10% red	5% red			
60	5					
70	300					15
74	350					17.5
77	370					18.5
80	385		38.5			
81	400		40			
85	405		40.5			
87	425		42.5			
90	435		43.5			
90	450	50				
100	500	100				
80		150	205	51	406	406
						10.15%
						8.12

Pines	1% reduction				
	12000	120		120	120
		0.048			1.00%
					0.048

point source	reduction		
	15000	5000	5000

KGS N removed

48144

headroom
8144

Maori Land

300

OR

dairy
s & b

182 ha
523 ha

Dairy	100	-39	-3900
S & B	100	-13.6	-1360
Forestry	100	-3.5	-350

-5610

-5610 N added
42534