

Comparison AP and database data.xlsx

Modified data	Area (ha)		Action Plan		R 11 Database		Action Plan		R 11 Database	
	AP	DB	kgN/ha	total	kgN/ha	total	kgP/ha	total	kgP/ha	total
Native forest and scrub	3062	2758	3	9186	3	8358	0.12	400	0.12	324
Forests	4281	3974	2.5	10703	2.5	9792	0.10	430	0.11	432
<i>Trees Total</i>	<i>7343</i>	<i>6732</i>		<i>19889</i>		<i>18150</i>	<i>0.00</i>	<i>830</i>		<i>756</i>
Crop and hort	5	46	60	300	18.1	843	2.00	10	0.28	13
Pastoral drystock	847	612	20	17400	6.2	3814	0.90	760	1.46	893
Dairy	126	124	50	6300	42	5255	0.71	90	4.77	592
Dairy support	0	502	0	0	20.5	10278	0.00	0	2.61	1312
Grasslands	32	0	12	400	0	0	0.94	30	0.00	0
<i>Pastoral Total</i>	<i>1010</i>	<i>1284</i>		<i>24400</i>	<i>0</i>	<i>20190</i>	<i>0.00</i>	<i>890</i>	<i>0.00</i>	<i>2810</i>
Other/non productive	196	78	12	2400	14	1035	0.92	180	1.87	146
Urban/Houses/bareground	173	10	3	500	48	477	0.69	120	3.10	31
Wetlands/riparians	51	15	2	100	2.7	40.5			0.09	1.4
Lifestyle/not benchmarked		700			6.2	4340			1.5	1050
<i>Other/Urban/Lifestyle Total</i>	<i>420</i>	<i>803</i>		<i>3000</i>		<i>5892.5</i>		<i>300</i>		<i>1228.4</i>
Total	8773	8819		47289		44233		2020		4794.4

Modified data is adjusted for:

catchment size - assume 285ha taken out of native forest (into Ōkataina catchment)

N discharge for 3kg/ha for native and 2.5kg/ha for forestry to match up with coefficients in the R11 database.

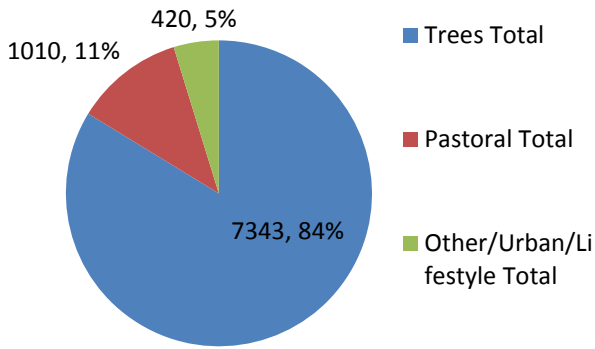
Discharge loss of 6.2 kgN/ha and 1.5kgP/ha for non-benchmarked area

Original data (Overseer V6)	Area		AP		DB		AP		DB	
	AP	DB	kgN/ha	total	kgN/ha	total	kgP/ha	total	kgP/ha	total
Native forest and scrub	3347	2758	4.0	13400	3	8358	0.12	400	0.12	324
Forests	4281	3974	3.0	12800	2.5	9792	0.10	430	0.11	432
<i>Trees Total</i>	<i>7628</i>	<i>6732</i>		<i>26200</i>		<i>18150</i>		<i>830</i>		<i>756</i>
Crop and hort	5	46	60	300	18.1	843	2.0	10	0.28	13
Pastoral drystock	847	612	20.5	17400	6.2	3814	0.90	760	1.46	893
Dairy	126	124	50	6300	42	5255	0.71	90	4.77	592
Dairy support	0	502	0	0	20.5	10278	0	0	2.61	1312
Grasslands	32	0	12.5	400	0	0	0.94	30	0	0
<i>Pastoral Total</i>	<i>1010</i>	<i>1284</i>		<i>24400</i>		<i>20190</i>		<i>890</i>		<i>2810</i>
Other/non productive	196	78	12.2	2400	14	1035	0.92	180	1.87	146
Urban/Houses/bareground	173	10	2.9	500	48	477	0.69	120	3.10	31
Wetlands/riparians	51	15	2.0	100	2.7	40.5	0.00	0	0.09	1.4
<i>Other/Urban Total</i>	<i>420</i>	<i>103</i>		<i>3000</i>		<i>1552.5</i>		<i>300</i>		<i>178.4</i>
Non-benchmarked area		700								
Adjusted catchment area	-285									
<i>Adjustment Total</i>	<i>-285</i>	<i>700</i>								
Total	8773	8819		53600		39893		2020		3744.4

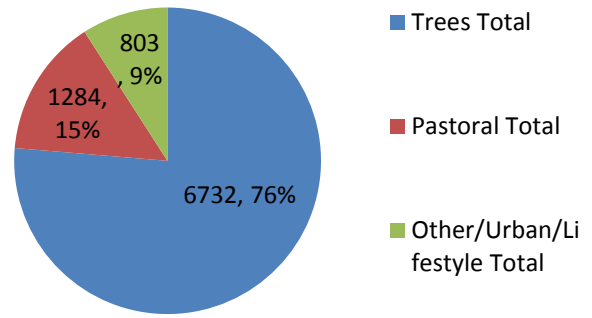
Original data is adjusted to compare with benchmarking data - excludes N losses from:

imported nutrients	250000kg
rainfall	12500kg
geothermal	41600kg
and estimated inputs from septic tanks	5900kg

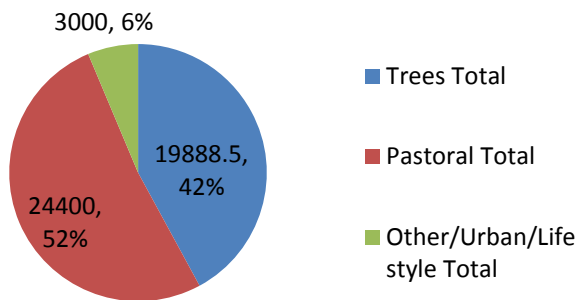
**Action Plan
Area (ha)**



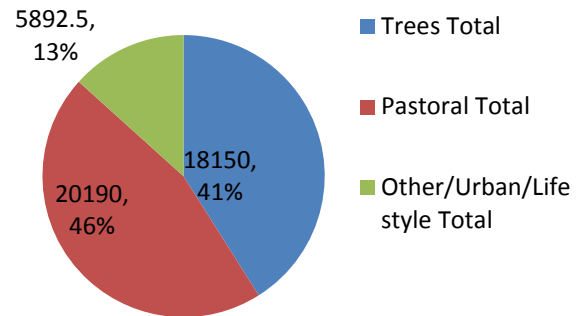
**R11 database
Area (ha)**



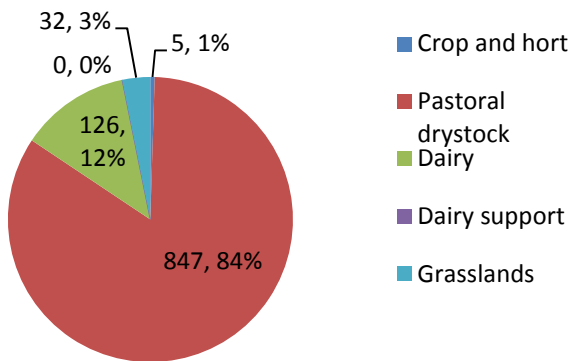
**Action Plan
total N losses (kg N)**



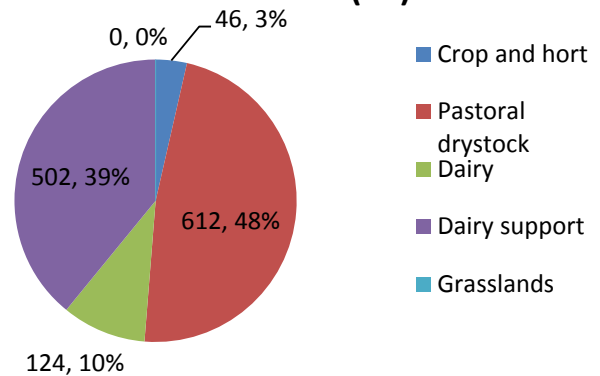
**R11 database
Total N losses (kg N)**



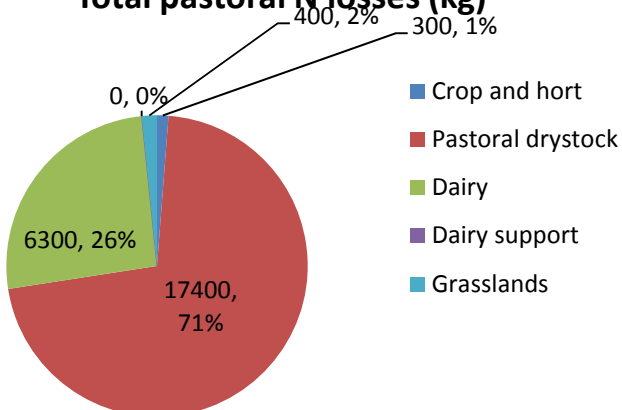
**Action Plan
Pastoral area (ha)**



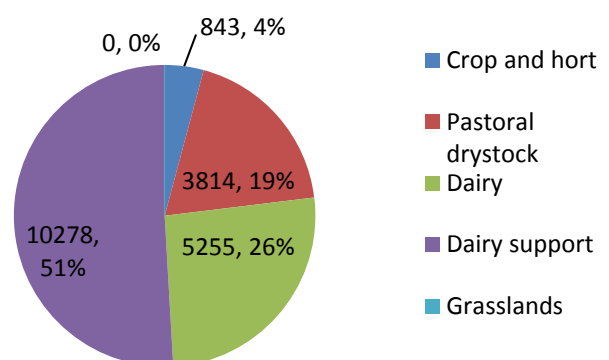
**R11 database
Pastoral area (ha)**



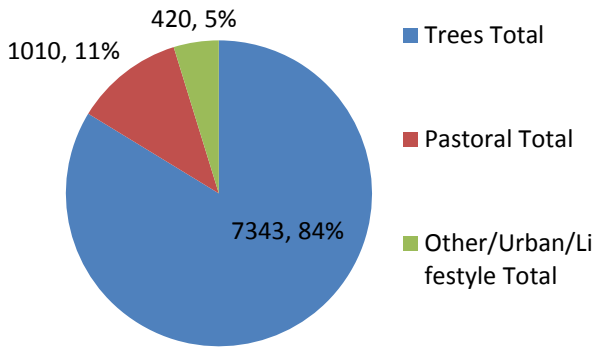
**Action Plan
Total pastoral N losses (kg)**



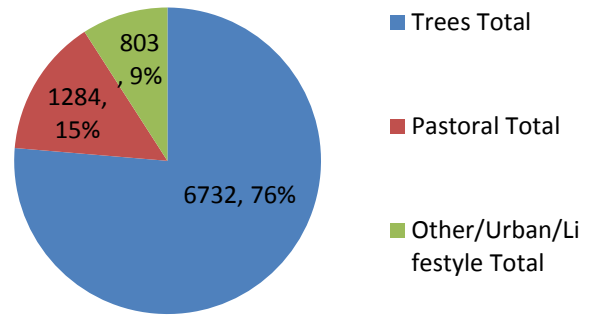
**R11 database
Total pastoral N losses (kg)**



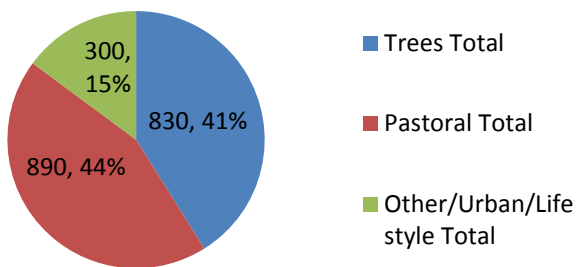
**Action Plan
Area (ha)**



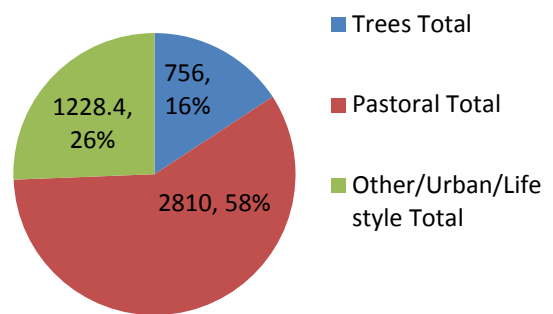
**R11 database
Area (ha)**



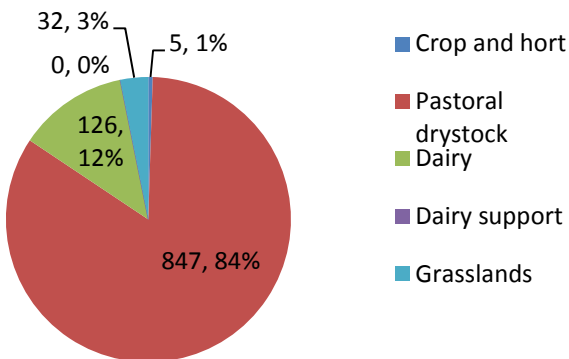
**Action Plan
total P losses (kg N)**



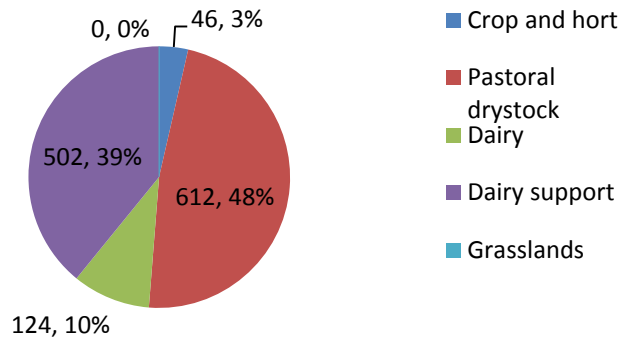
**R11 database
Total P losses (kg N)**



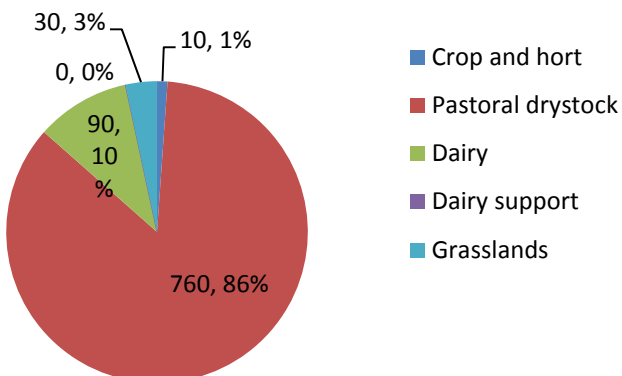
**Action Plan
Pastoral area (ha)**



**R11 database
Pastoral area (ha)**



**Action Plan
Total pastoral P losses (kg)**



**R11 database
Total pastoral P losses (kg)**

