

Table 1 Calculation of the net beef cattle, goat and sheep benefit in step form – Albany

Step* *	Description	Beef cattle - sell at 7, 30 months	Beef cattle - sell at 7, 12 months	Boergoat ewe flock	Angora breeding ewe flock	Dorper ewe flock	Döhne Merino ewe flock
1	Ha (total) under WfW clearance	11400	11400	11400	11400	11400	11400
2	Ha / LSU or Ha/SSU*	5.5	5.5	0.91667	0.91667	0.91667	0.91667
3	Amount of LSU/SSU* on total area (ha) under WfW clearance	2072.727	2072.727	12436	12436	12436	12436
4	Margin above cost/LSU or SSU*	432.49	576.74	163.54	216.58	190.58	156.5
5	Total Area profit without infestation (on total 11400 ha)	896433.8	1195425	2033843	2693468	2370122	1946291
6	Hectares with infestation if 100% infested	860.7	860.7	860.7	860.7	860.7	860.7
7	Reduced ha for farming with infestation	10539.3	10539.3	10539.3	10539.3	10539.3	10539.3
8	Amount of LSU/SSU* on reduced (ha) for farming	1916.236	1916.236	11497.4	11497.42	11497.4	11497.42
9	Profit on reduced area (ha) for farming	828753.1	1105170	1880288	2490111	2191178	1799346
10	Net cattle, goat, sheep benefit	67680.75	90254.57	153555	203356.8	178944.2	146945
11	Average net cattle, goat, sheep benefit	78967.66		178456		162944.6	
12	% of total livestock activity	0.097		0.283		0.62	
13	Net combined cattle, goat, sheep benefit	7659.86		50503		101026	
14	Net agricultural livestock benefit	159189					

* In the case of goat and sheep

** Note: The steps taken to derive the net agricultural livestock benefits will now be explained: