Appendix 2. Functional form and parameters for resource generation.

The function for resource generation, R, is given by:

$$R = a_0 A \left(\frac{a_1 exp(a_2(X-1))}{1 + a_1 exp(a_2(X-1))} \right) \left(\frac{a_3 exp(a_4(V-1))}{1 + a_3 exp(a_4(V-1))} \right)$$

where A is the area of the farm (fixed at 100ha for all players in this experiment), X is the level of maintenance on the watercourse, V is the fraction of water demand met, and a_i are constants given below

Parameter	Unit	Value
a0	-	60
a1	-	2
a2	-	6
a3	-	2
a4	-	6