

Appendix 7 – Main parameter values for small and large farmers used in the cost benefit analysis

T A B L E A 7 . 1

Assumptions, data and data sources used for the economic feasibility assessment of the pellet producing facility.

Price per ton of wheat (GEL)	N	mean	median	sd	min	max
Less than 5 ha	75	476.1	450	99.1	310	750
5 ha or more	105	449.4	430	71.6	325	700
Price per ton of straw* (GEL/ton)	N	mean	median	sd	min	max
Less than 5 ha	28	56.4	48	24.5	28	160
5 ha or more	34	91.4	80	34.3	44	200
Price per bale of straw* (GEL/ton)	N	mean	median	sd	min	max
Less than 5 ha	28	0.7	0.6	0.3	0.35	2
5 ha or more	34	1.1	1	0.4	0.55	2.5
Rental straw collection cost* (GEL/ha)	N	mean	p50	sd	min	max
Less than 5 ha	47	116.3	120	35.6	56	220
5 ha or more	40	97.7	100	38.2	44	220
Effective collection of straw *(ton/ha)	N	mean	median	sd	min	max
Less than 5 ha	69	1.9	1.8	1.0	0.63	6.3
5 ha or more	94	2.6	2.6	1.2	0.63	6.3
Yield of straw* (ton/ha)	N	mean	median	sd	min	max
Less than 5 ha	69	2.8	2.6	1.4	0.9	9
5 ha or more	94	3.7	3.7	1.7	0.9	9
Yield of wheat* (ton/ha)	N	mean	median	sd	min	max
Less than 5 ha	69	1.9	1.75	0.9	0.6	6
5 ha or more	94	2.5	2.5	1.1	0.6	6
Rental price of soviet harvester (GEL/ha)	N	mean	median	sd	min	max
Less than 5 ha	80	73.8	70	19.2	40	125
5 ha or more	69	69.3	70	20.3	20	120
Rental price of combi harvester* (GEL/ha)	N	mean	median	min	max	
Less than 5 ha	28	103.9	110	17.1	50	130
5 ha or more	46	96.8	98	13.5	60	120

*Denotes statistically significant differences at the 95 pct. Level of confidence, based on both parametric on non-parametric tests.