

Table 10 Regression analysis based on solo cropping costs

Variable (solo cropping)	Estimated coefficient	Standard error	t-value	p-value
Tillage cost (NRs/ha)	-0.158	0.131	-1.2	0.232
Organic manure cost (NRs/ha)	0.075	0.087	0.87	0.389
Chemical fertilizer cost (NRs/ha)	0.334***	0.726	4.61	0.000
Potato tuber cost (NRs/ha)	0.467***	0.108	4.31	0.000
Irrigation cost (NRs/ha)	-0.007	0.022	-0.34	0.734
Pesticide cost (NRs/ha)	0.009	0.015	0.62	0.536
Labour cost (NRs/ha)	0.118	0.162	0.73	0.465
F-value	40.95	-	-	-
R <sup>2</sup>	0.777	-	-	-
Adjusted R <sup>2</sup>	0.758	-	-	-

Note: \*, \*\* and \*\*\* indicate significant at 10%, 5% and 1% level respectively