

Supplementary Table S1. Partial budget analysis of bread wheat produced in relation to the application of nitrogen (NL) and phosphorus (PL)

Locations	NL and PL (kg ha-1)	Fert cost (US Dollar ha-1)	Grain yield price (US Dollar ha-1)	Straw yield price (US Dollar)	Total revenue (US Dollar)	Net revenue (US Dollar)
NL						
BGL	35.28	24.58	1944.52	1090.67	3035.19	3010.62
	65	45.28	2074.46	1025.59	3100.05	3054.76
	95	66.18	2195.51	1024.30	3219.82	3153.63
	120	83.60	2283.96	1006.42	3290.38	3206.78
BLK	35.28	24.58	872.77	470.67	1343.44	1318.86
	65	45.28	1047.92	525.28	1573.20	1527.91
	95	66.18	1137.41	561.94	1699.34	1633.16
	120	83.60	1151.31	586.43	1737.74	1654.14
HLM	35.28	24.58	1087.20	1017.48	2104.68	2080.10
	65	45.28	1188.65	993.50	2182.15	2136.87
	95	66.18	1268.67	1008.83	2277.50	2211.32
	120	83.60	1316.66	1049.46	2366.12	2282.52
HRT	35.28	24.58	1645.79	1039.41	2685.20	2660.62
	65	45.28	1803.09	1135.14	2938.24	2892.95
	95	66.18	1901.84	1101.01	3002.85	2936.67
	120	83.60	2038.47	1114.70	3153.17	3069.57
PL						
BGL	0	0.00	1944.85	988.41	2933.26	2933.26
	50	74.42	2119.37	1026.80	3146.17	3071.76
	70	104.18	2191.24	1050.81	3242.05	3137.87
	90	133.95	2242.99	1080.97	3323.96	3190.01
BLK	0	0.00	939.32	456.76	1396.08	1396.08
	50	74.42	1044.68	533.92	1578.60	1504.19
	70	104.18	1070.75	569.16	1639.91	1535.73
	90	133.95	1154.66	584.48	1739.14	1605.19
HLM	0	0.00	983.33	948.40	1931.72	1931.72
	50	74.42	1174.21	1008.03	2182.25	2107.83
	70	104.18	1257.45	1095.21	2352.66	2248.48
	90	133.95	1446.20	1017.62	2463.82	2329.87
HRT	0	0.00	1296.53	816.31	2112.84	2112.84
	50	74.42	1951.92	1175.17	3127.09	3052.67
	70	104.18	2040.89	1161.91	3202.79	3098.61
	90	133.95	2099.85	1236.88	3336.73	3202.78