Table S1. Break-up of economics of Maize production in Nepal

| Variables | Per hectare quantity used or obtained | | | | | | Per hectare expenses and revenue ('1000 NPR) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | SD | Adopters | SD | Non-adopters | SD | Mean | SD | Adopters | SD | Non-adopters | SD |
| *Labour* | | | | | | | | | | | | |
| Hired labor (days) | 9.83 | 15.9 | 9.97 | 14.70 | 9.70 | 16.94 | 5.54 | 8.91 | 5.56 | 8.22 | 5.51 | 9.51 |
| Land preparation by tractor (hrs) | 3.67 | 1.96 | 3.53 | 2.04 | 3.80 | 1.88 | 6.36 | 3.49 | 6.02 | 3.58 | 6.67 | 3.38 |
| Land preparation by power tiller (hrs) | 4.06 | 9.47 | 4.84 | 10.55 | 3.36 | 8.34 | 2.54 | 6.1 | 2.86 | 6.49 | 2.25 | 5.73 |
| Tractor-drawn seed drill (hrs) | 0.23 | 0.72 | 0.29 | 0.85 | 0.17 | 0.57 | 0.38 | 1.19 | 0.47 | 1.35 | 0.30 | 1.02 |
| Threshing (hrs.) | 0.45 | 0.61 | 0.37 | 0.56 | 0.51 | 0.64 | 0.91 | 1.24 | 0.75 | 1.13 | 1.05 | 1.32 |
| *Material inputs* | | | | | | | | | | | | |
| FYM (tons) | 0.76 | 3.52 | 0.68 | 3.38 | 0.83 | 3.64 | 1.00 | 4.77 | 0.98 | 4.99 | 1.02 | 4.56 |
| Seed (kg) | 22.59 | 5.94 | 22.83 | 4.92 | 22.38 | 6.74 | 7.35 | 4.82 | 5.37 | 2.48 | 9.15 | 5.66 |
| Irrigation (Number) | 4.29 | 2.39 | 4.40 | 2.20 | 4.19 | 2.55 | 2.27 | 1.98 | 2.10 | 1.73 | 2.42 | 2.17 |
| Urea (kg) | 130.26 | 72.53 | 130.89 | 68.26 | 129.68 | 76.35 | 2.45 | 1.38 | 2.47 | 1.36 | 2.43 | 1.41 |
| Diammonium phosphate, DAP (kg) | 93.84 | 54.77 | 96.60 | 53.24 | 91.33 | 56.12 | 4.51 | 2.64 | 4.63 | 2.60 | 4.39 | 2.68 |
| Muriate of potash, MoP (kg) | 17.69 | 22.82 | 18.36 | 22.89 | 17.09 | 22.80 | 0.67 | 0.86 | 0.69 | 0.86 | 0.64 | 0.86 |
| Micro-nutrients (kg) | 0.28 | 2.44 | 0.16 | 1.53 | 0.39 | 3.04 | 0.02 | 0.17 | 0.01 | 0.12 | 0.03 | 0.20 |
| Pesticides (kg) | 0.57 | 0.76 | 0.57 | 0.78 | 0.57 | 0.74 | 1.20 | 1.25 | 1.27 | 1.22 | 1.14 | 1.28 |
| Weedicides (kg) | 0.04 | 0.31 | 0.04 | 0.30 | 0.04 | 0.32 | 0.04 | 0.29 | 0.04 | 0.24 | 0.04 | 0.33 |
| *Others* | | | | | | | | | | | | |
| Rent paid for leased-in land | - | - | - | - | - | - | 2.96 | 6.55 | 2.85 | 6.62 | 3.06 | 6.50 |
| Paid-out cost | - | - | - | - | - | - | 38.17 | 16.3 | 36.06 | 14.01 | 40.09 | 17.95 |
| Family labor (days) | - | - | - | - | - | - | 39.22 | 15.38 | 40.34 | 15.84 | 38.20 | 14.93 |
| Total cost, with imputed value of family labour | - | - | - | - | - | - | 77.39 | 18.71 | 76.40 | 18.02 | 78.29 | 19.31 |
| Maize grain yield (tons) | 4.24 | 1.61 | 4.42 | 1.35 | 4.06 | 1.80 | | | | | | |
| Price received | - | - | - | - | - | - | 27.33 | 3.59 | 27.41 | 3.410 | 27.25 | 3.75 |
| Grain income | - | - | - | - | - | - | 115.88 | 44.79 | 121.15 | 38.53 | 110.64 | 49.30 |
| Dry fodder yield (tons) | 5.96 | 2.14 | 6.18 | 1.82 | 5.77 | 2.38 | | | | | | |
| Dry fodder value | - | - | - | - | - | - | 11.93 | 4.28 | 12.36 | 3.65 | 11.54 | 4.75 |
| Gross income | - | - | - | - | - | - | 127.81 | 48.55 | 133.51 | 41.48 | 122.18 | 53.64 |
| Net income | - | - | - | - | - | - | 50.42 | 45.97 | 57.11 | 42.53 | 43.89 | 48.05 |

Note SD- standard deviation; Exchange rate 1 US$= NPR 118.13 [41]