Supplementary material

Table S1: The comparative Analysis Framework

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| --- | --- | --- | --- | --- | --- |
| Rain-fed farm plots | | Irrigated farm plots | | | |
|  | (Rainy season crop only) | | Full irrigation (Dry season crop only) | Supplementary | Double-cropping  Dry + Rainy season crops) |
| Temporal  Scale | {6 months} | | {6 months} | {6 months} | {12 months} |
| Spatial scale | {1 hectare } | | {1 hectare} | {1 hectare} | {1 hectare} |
|  | Control  Control  Control | | Treatments (i) | Treatment (ii) | AT1 |

Key: Control = Benchmark crop yield: Treatment (i-ii) = irrigated cropping systems whose impact are being examined within cropping seasons, AT1 = Annual irrigation treatment defined as the sum of the rainy and dry season crops.

Source: Survey data 2014