

Fig. S1. Farmer’s practice of sowing of maize seeds in Mayurbhanj district.

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| Farmers name  | N Omission +( Micro-nutrient +S) +lime (NPK:0:70:120 kg ha-1) | P Omission +( Micro-nutrient +S) +lime (NPK 150:0:120 kg ha-1) | K Omission +( Micro-nutrient +S) +lime (NPK 150:70:0 kg ha-1) |
| 2013 |  |  |  |
| Hrishikesh Mohanto | 1.51 | 1.65 | 4.14 |
| Konhoi Murmu | 1.08 | 0.91 | 4.08 |
| Raghunath Ghuia | 1.08 | 0.58 | 4.28 |
| Rahino Mohanto | 1.57 | 1.26 | 5.35 |
| Mukundaram Mohanto | 0.93 | 0.91 | 4.05 |
| Gurucharan Mohanto | 0.61 | 0.50 | 4.23 |
| Chotu Mohanto | 2.07 | 0.62 | 4.38 |
| Pramod Sethi | 2.04 | 0.49 | 4.16 |
| Debendra Mohanto | 0.98 | 0.80 | 4.09 |
| Bhupati Mohanto | 0.54 | 0.28 | 4.23 |
| 2014 |  |  |  |
| Satyaban Mohanta  | 0.84 | 0.80 | 5.18 |
| Chaitanya Majhi | 1.39 | 1.27 | 5.15 |
| Meghrai Tudu | 1.04 | 0.71 | 5.45 |
| Sonaram Hembram | 1.05 | 0.73 | 5.11 |
| Chotu Mohanto | 0.96 | 0.91 | 5.08 |
| Joy Ma Ambika (SHG) | 0.80 | 0.68 | 5.00 |
| Sagar Hensa | 0.97 | 0.76 | 4.93 |
| Johar Jaher Aayo(SHG) | 0.97 | 0.82 | 4.89 |

**Table S1**. Maize grain yield (t ha-1) under omission plots