|  |  |
| --- | --- |
| **Treatment** | **Description** |
| Swarna+AA1 | Swarna (in presence of AA1)\* |
| Swarna+AA2 | Swarna (in presence of AA2) |
| Swarna+AA3 | Swarna (in presence of AA3) |
| Swarna+OA1 | Swarna (in presence of OA1) |
| Swarna+OA2 | Swarna (in presence of OA2) |
| Swarna+OA3 | Swarna (in presence of OA3) |
| Swarna alone | Swarna (in presence of Swarna) |
| **Imposition of competition** | **Description** |
| Uprooting at 2 weeks | 2 weeks of competition |
| Uprooting at 4 weeks | 4 weeks of competition |
| Uprooting at 6 weeks | 6 weeks of competition |
| Uprooting at 8 weeks | 8 weeks of competition |
| No uprooting | Competition till full maturity of weedy rice |

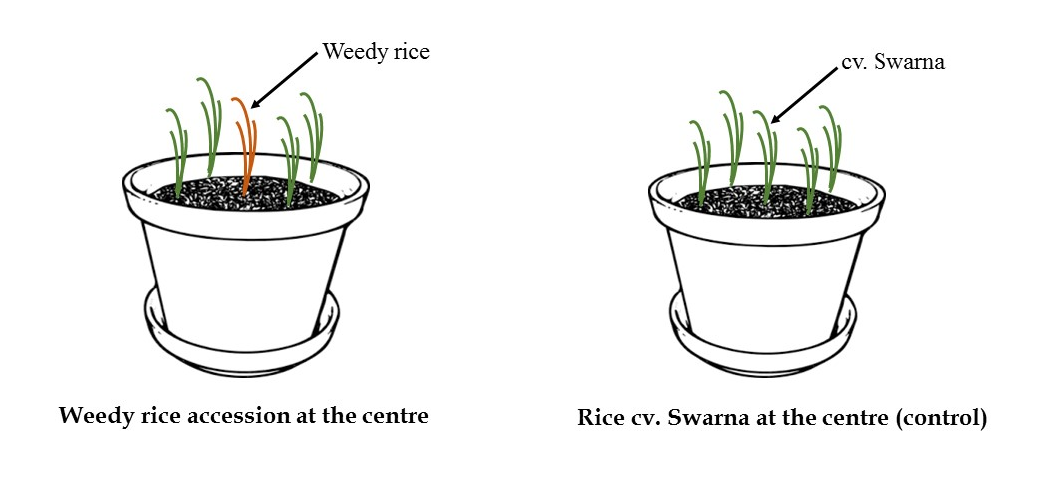
**Supplementary Tables**

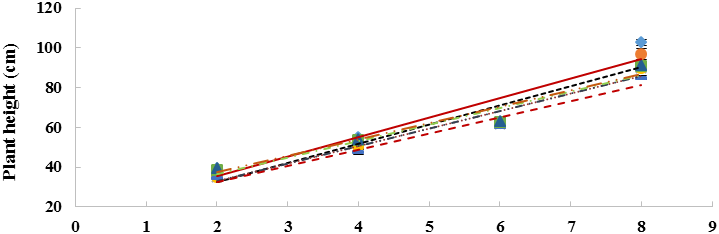
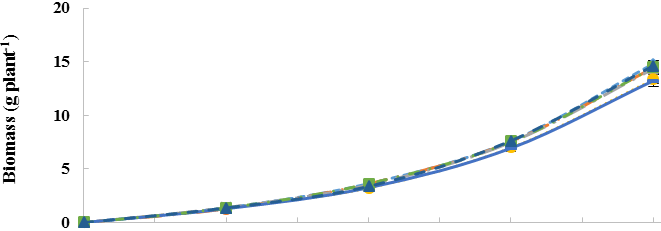
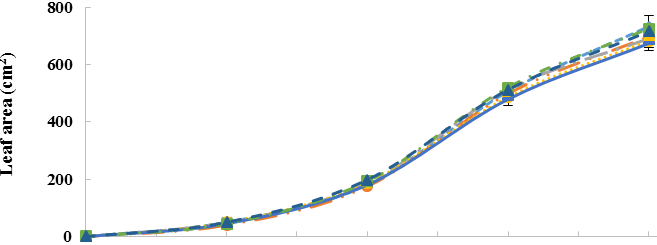
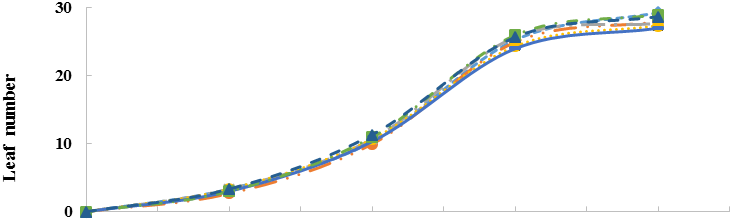
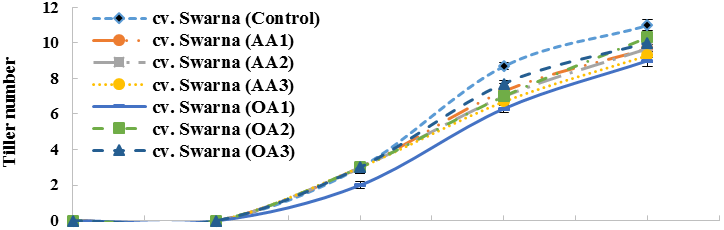
Table S1. Details of treatments used in the experiment

\*Swarna:weedy rice accession :: 4:1

Table S2. Yield attributes, grain yield, straw yield, harvest index of weedy rice (Assam accessions: AA1, AA2, AA3; Odisha accessions: OA1, OA2, OA3) in treatments where both rice and weedy rice were grown till maturity

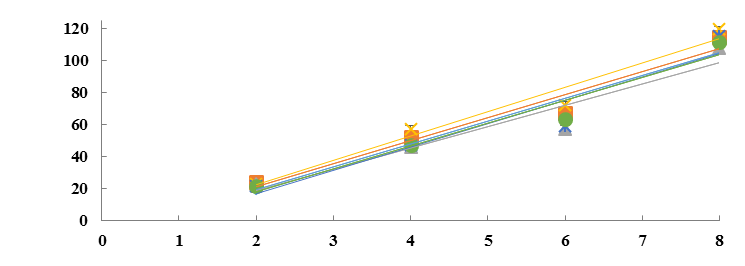
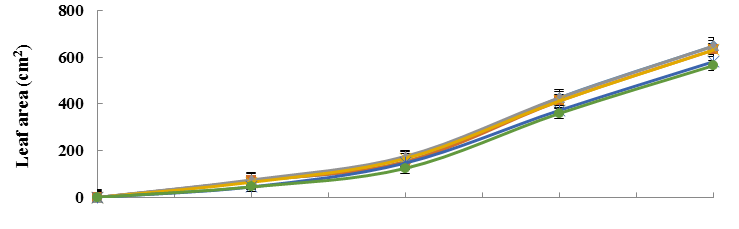
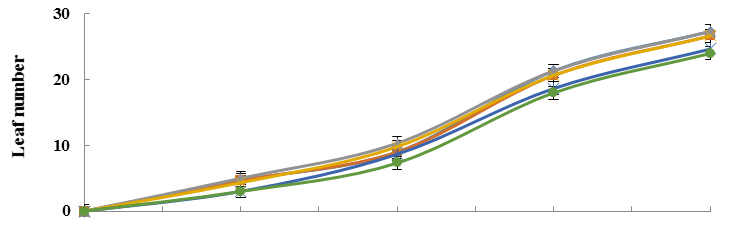
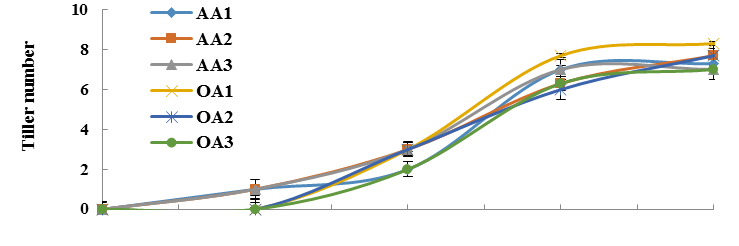
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Weedy rice accession | Number of panicles | 1000 grain weight | No. of grains/ panicle | Grain yield | Straw yield | Harvest Index |
| AA1 | 4.7 | 20.2 | 99.0 | 9.3 | 17.5 | 0.35 |
| AA2 | 4.3 | 18.0 | 109.7 | 8.6 | 17.6 | 0.33 |
| AA3 | 5.7 | 20.7 | 119.7 | 14.1 | 18.0 | 0.44 |
| OA1 | 6.0 | 21.7 | 121.3 | 16.2 | 18.2 | 0.46 |
| OA2 | 4.7 | 21.5 | 113.3 | 11.3 | 19.8 | 0.36 |
| OA3 | 5.7 | 21.5 | 109.3 | 13.3 | 19.6 | 0.40 |

Figure S1. Illustration of pots depicting treatment and control (by first author, S.M.)



**Weeks after emergence**

Figure S2. Tiller number, number of leaves plant-1, leaf area (cm2 plant-1), total biomass (g plant-1), and plant height (cm) of Swarna plants in presence of Swarna (control) or in competition with weedy rice (Assam accessions: AA1, AA2, AA3; Odisha accessions: OA1, OA2, OA3)



**Plant height (cm)**

**Weeks after emergence**

**Figure S3.** Tiller number, number of leaves plant-1, leaf area (cm2 plant-1), total biomass (g plant-1), and plant height (cm) of weedy rice (Assam accessions: AA1, AA2, AA3; Odisha accessions: OA1, OA2, OA3) in presence of Swarna