|  |  |
| --- | --- |
| **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