**Supplementary Materials**

**Supplementary Table S1**. Survey questions on weedy rice presence and agronomic practices in Italian rice farms

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| **1) General information** (farm details) |
| farm location (geographical coordinates) \_\_\_\_\_\_\_\_ |
| farm size (ha)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| area cultivated with Clearfield varieties (ha)\_\_\_ |
| area cultivated with traditional rice varieties (ha)\_ |
| **2) Agronomic practices** |
| *type of soil tillage*  plowing (\_)  minimum tillage (\_)  both (indicate %) (\_)\_\_\_ |
| *type of sowing*  water (\_)  direct drilling (dry) (\_)  both (indicate %) (\_)\_\_\_\_ |
| *water management*  continuous flooding (\_)  intermittent irrigation (\_)  both (indicate %) (\_)\_\_\_\_ |
| *seed origin*  purchased (\_)  self-produced (\_)  both (indicate %) (\_)\_\_\_\_ |
| *crop rotation*  rotation (\_)  monocropping (\_) |
| *adoption of stale seedbed*  yes (\_)  no (\_) |
| *use of imazamox*  yes (\_)  no (\_) |
| *supposed presence of weedy rice resistance in your fields*  yes (\_)  no (\_) |
| **3) Weedy rice infestation level (average of the majority of the fields)**  low (≤5 plants m-2)(\_)  medium (>5 and ≤20 plants m-2)(\_)  high (> 20 )(\_) |