**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 )(\_) |