**Supplemental Material**

Table S1. The effects of treatments and years on the dry weight of barnyardgrass [*Echinochloa crus–galli* (L.) P.Beauv.], common lambsquarters (*Chenopodium album* L.), black nightshade (*Solanum nigrum* L.), and redroot pigweed (*Amaranthus retroflexus* L.) in the first (Eval 1) and the second evaluations (Eval 2) conducted in the citrus orchard. P–Values are derived from the two–way analyses of variance (ANOVA) conducted, for each evaluation, at *a* = 0.05 probability level.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Factors | Dry Weight | | | | | | | |
|  | Barnyardgrass | | Common lambsquarters | | Black nightshade | | Redroot pigweed | |
|  | Eval 1 | Eval 2 | Eval 1 | Eval 2 | Eval 1 | Eval 2 | Eval 1 | Eval 2 |
| Treatments (T) | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* |
| Years (Y) | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\* | \*\*\* | \*\* | \*\*\* |
| T × Y | \*\*\* | \*\*\* | \* | \* | ns | ns | ns | \* |

a \*; P ≤ 0.05, \*\*\*; P ≤ 0.001, ns; P ≥ 0.05.

Table S2. The effects of treatments and years on NDVI and total weed dry weight in the first (Eval 1) and the second evaluations (Eval 2) conducted in the citrus orchard. The effects of treatments and years on fruit yield are also presented. P–Values are derived from the two–way analyses of variance (ANOVA) conducted, for each evaluation, at a = 0.05 probability level.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Factors | NDVI | | Total weed  dry weight | | Fruit yield |
|  | Eval 1 | Eval 2 | Eval 1 | Eval 2 |  |
| Treatments (T) | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* |
| Years (Y) | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* |
| T × Y | ns | ns | \*\*\* | \*\*\* | ns |

a \*\*\*; P ≤ 0.001, ns; P ≥ 0.05.

Table S3. The effects of treatments and years on the dry weight of NDVI and hairy fleabane [*Conyza bonariensis* (L.) Cronquist] dry weight in the first (Eval 1) and the second evaluations (Eval 2) conducted in the olive grove. The effects of treatments and years on fruit yield are also presented. P–Values are derived from the two–way analyses of variance (ANOVA) conducted, for each evaluation, at a = 0.05 probability level.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Factor | NDVI | | Hairy fleabane  dry weight | | Fruit yield |
|  | Eval 1 | Eval 2 | Eval 1 | Eval 2 |  |
| Treatment (T) | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* |
| Year (Y) | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* |
| T × Y | ns | ns | ns | \* | ns |

a \*; P ≤ 0.05, \*\*\*; P ≤ 0.001, ns; P ≥ 0.05.

Table S4. The effects of treatments and years on the dry weight of NDVI and johnsongrass [*Sorghum halepense* (L.) Pers.] dry weight in the first (Eval 1) and the second evaluations (Eval 2) conducted in the vineyard. The effects of treatments and years on grape yield are also presented. P–Values are derived from the two–way analyses of variance (ANOVA) conducted, for each evaluation, at a = 0.05 probability level.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Factors | NDVI | | Johnsongrass  dry weight | | Grape yield |
|  | Eval 1 | Eval 2 | Eval 1 | Eval 2 |  |
| Treatments (T) | \*\*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* |
| Years (Y) | \* | \*\* | \*\* | \*\* | \* |
| T × Y | ns | ns | ns | ns | ns |

a \*; P ≤ 0.05, \*\*; P ≤ 0.01, \*\*\*; P ≤ 0.001, ns; P ≥ 0.05.