Table *S*6

Analysis of variance (*F- values*) for weed functional group and life form in aboveground vegetation and soil seed bank.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Source of variation | Aboveground vegetation | | | | Soil seed bank | | | |
| Functional group | | Life form | | Functional group | | Life form | |
| Mono | Dico | Annual | Perennial | Mono | Dico | Annual | Perennial |
| Tillage (Till) | 2.112 | 2.877 | 2.144 | 2.144 | 0.794 | 0.793 | 16.232\*\* | 16.232\*\* |
| Straw | 2.564 | 10.669\* | 4.867 | 4.867 | 7.298\* | 7.296\* | 4.806 | 4.806 |
| Till×Straw | 2.724 | 9.083\* | 0.012 | 0.012 | 3.592 | 3.592 | 0.150 | 0.150 |

The categorical factors are tillage and straw.

Mono represents monocotyledonous weed; Dico represents dicotyledonous weed.

Presented are the *F-statistics* with the level of significance; \**p* < 0.05, \*\**p* < 0.01, \*\*\**p* < 0.001.