Table *S*4

Analysis of variance (*F-statistics* and *p-values*) for weed species richness and weed density in aboveground vegetation during the period of study. Stages were the growth stages of winter-wheat.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source of variation | Aboveground vegetation | | | |
| Weed species richness | | Weed density | |
| *F* | *p* | *F* | *p* |
| Stage | 10.190 | < 0.001\*\*\* | 8.196 | < 0.001\*\*\* |
| Tillage (Till) | 9.043 | 0.005\*\* | 25.357 | < 0.001\*\*\* |
| Straw | 5.688 | 0.023\* | 4.931 | 0.034\* |
| Stage×Till | 0.556 | 0.648 | 0.570 | 0.639 |
| Stage×Straw | 0.183 | 0.907 | 2.048 | 0.127 |
| Till×Straw | 0.269 | 0.608 | 5.572 | 0.025\* |
| Stage×Till×Straw | 0.039 | 0.989 | 1.228 | 0.316 |

The categorical factors are stage, tillage and straw.

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