Table 2. Cowpea and weed dry biomass at eight weeks after initiation of the offseason fallow treatments.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Treatment | Cowpea | Broadleaf | Grass | Sedge | Commelina | Total |
|  | --------------------------------- g --------------------------------- | | | | | |
| IC | 131 | 5.7 | 31.7 | 6.8 | 14.1 | 58.4 |
| US-1136 | 115 | 10.6 | 35.1 | 7.5 | 13.6 | 66.8 |
| US-1137 | 153 | 9.8 | 8.3 | 20.0 | 14.2 | 52.2 |
| US-1138 | 95 | 18.0 | 1.9 | 15.0 | 17.2 | 52.2 |
| US-1137+SS | - | 0 | 0 | 0 | 0 | 0 |
| SS | - | 0 | 0 | 0 | 0 | 0 |
| W | - | 6.6 | 281.8 | 40.1 | 5.9 | 334.3 |
| WF | - | 0 | 0 | 0 | 0 | 0 |
|  | | | | | | |
| Significancez | NS | \*\* | \*\*\* | \*\*\* | \*\*\* | \*\*\* |
| W vs. Others | - | NS | \*\*\* | \*\*\* | NS | \*\*\* |
| WF vs. Others | - | NS | NS | NS | \* | \* |
| IC vs US-1136, 37, 38 | - | NS | NS | NS | NS | NS |
| SS vs. US-1136, 37, 38 | - | \*\* | NS | NS | \*\*\* | \*\* |
| SS vs. US-1137+SS | - | NS | NS | NS | NS | NS |
| US-1137 vs. US-1136 | - | NS | NS | NS | NS | NS |
| US-1137 vs. US-1138 | - | NS | NS | NS | NS | NS |

zNS, \*, \*\*, \*\*\* indicate nonsignificant or significant at P ≤ 0.05, 0.01 or 0.001, respectively.