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.