**Supplemental Table 1**. Mean dry weight of root and shoot tissue for each species across all N treatments. Data are means ± SE (n = 20).

|  |  |  |
| --- | --- | --- |
|  |  | **Tissue Biomass (g dry wt)** |
| **Species** |  | **Shoot** |  | **Root** |  | **Total Biomass** |
| *C. album* |  | 0.4 ± 0.07 |  | 0.26 ± 0.06 |  | 0.65 |
| *A. retroflexus* |  | 0.61 ± 0.05 |  | 0.51 ± 0.06 |  | 1.11 |
| *S. arvensis* |  | 0.48 ± 0.06 |  | 0.4 ± 0.06 |  | 0.88 |
| *E. crus-galli* |  | 0.39 ± 0.06 |  | 0.31 ± 0.06 |  | 0.7 |
| *S. faberi* |  | 0.82 ± 0.08 |  | 0.6 ± 0.06 |  | 1.42 |
| *D. sanguinalis* |  | 0.61 ± 0.05 |  | 0.4 ± 0.06 |  | 1.01 |
| *A. fatua* |  | 0.31 ± 0.02 |  | 0.26 ± 0.06 |  | 0.57 |
| Sorghum-sudangrass |   | 3.04 ± 0.16 |   | 2.59 ± 3.06 |   | 5.63 |