Supplemental Table S4. Stepwise regression model determining source variables most associated with mid-season *E. crus-galli* dry biomass across three years.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Analysis of Variance | | | | | | |
| Source | DF | | Sum of  Squares | Mean  Square | F Value | P value > F |
| Model | 4 | | 5226401 | 1306600 | 8.984 | <0.0001 |
| Error | 51 | | 7417451 | 145440 |  |  |
| Corrected Total | 55 | | 12643853 |  |  |  |
| Summary of Fit | | | | | | |
| Root Mean Square Error | 381.3663 | | R-Square | 0.4134 |  |  |
| Dependent Mean | 1686 | | Adjusted R-Square | 0.3673 |  |  |
| Parameter Estimates | | | | | | |
| Variable | | DF | Estimate | Standard  Error | t Value | P value > |t| |
| Intercept | | 1 | 2666.31 | 484.1419 | 5.51 | <0.0001 |
| Early rice height (cm) | | 1 | -24.8762 | 13.18209 | -1.89 | 0.0648 |
| Early *E. crus-galli* plant density (no. m-2) | | 1 | -0.125369 | 1.256624 | -0.10 | 0.9209 |
| Mid-season rice tiller number | | 1 | -1.418502 | 0.404778 | -3.50 | 0.0010 |
| (Early *E. crus-galli* plant density -181.429)\*( Mid-season rice tiller number -235.718) | | 1 | 0.0337197 | 0.008518 | 3.96 | 0.0002 |
|  |  | |  |  |  |  |