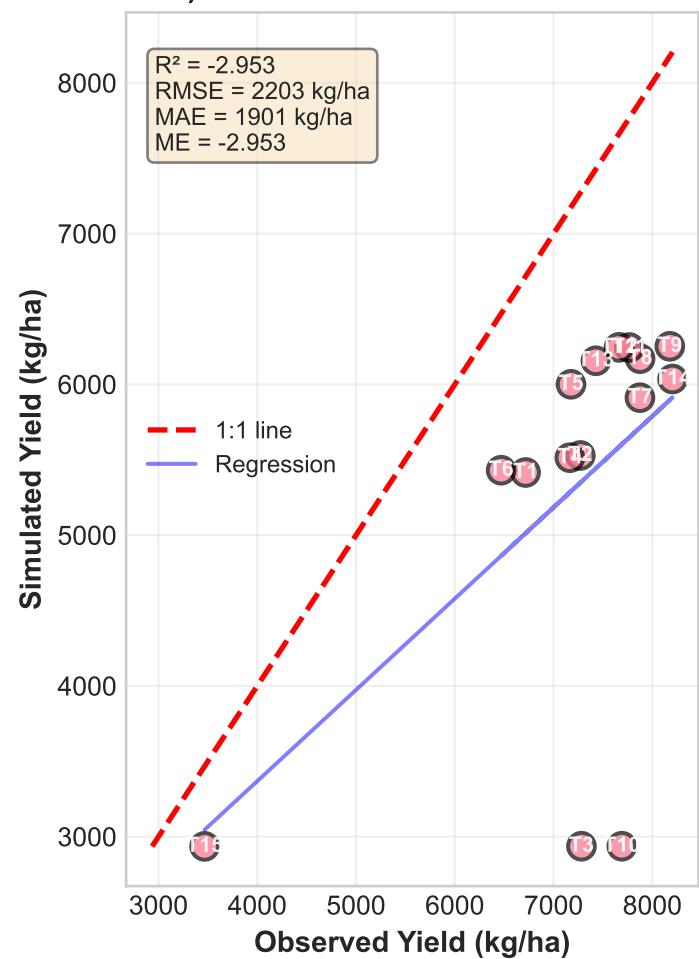


Model Performance Evaluation - 2015 Experiment

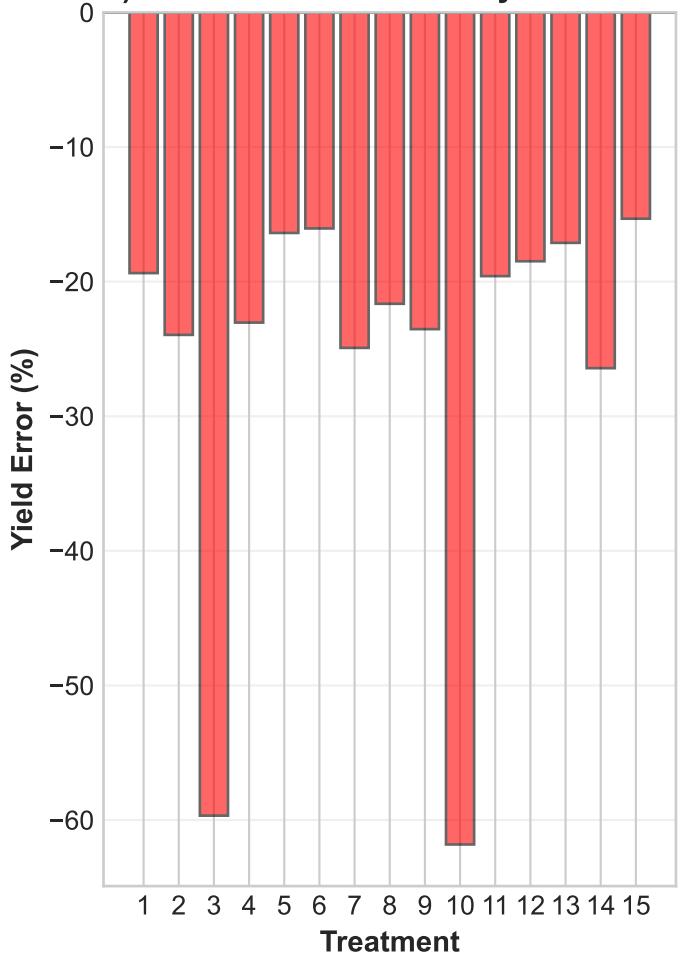
All 15 Treatments Analysis

Treatment N (kg/ha): T1: 120 | T2: 120 | T3: 40 | T4: 120 | T5: 120 | T6: 120 | T7: 120 | T8: 180 | T9: 180 | T10: 60 | T11: 180 | T12: 180 | T13: 180 | T14: 180 | T15: 0

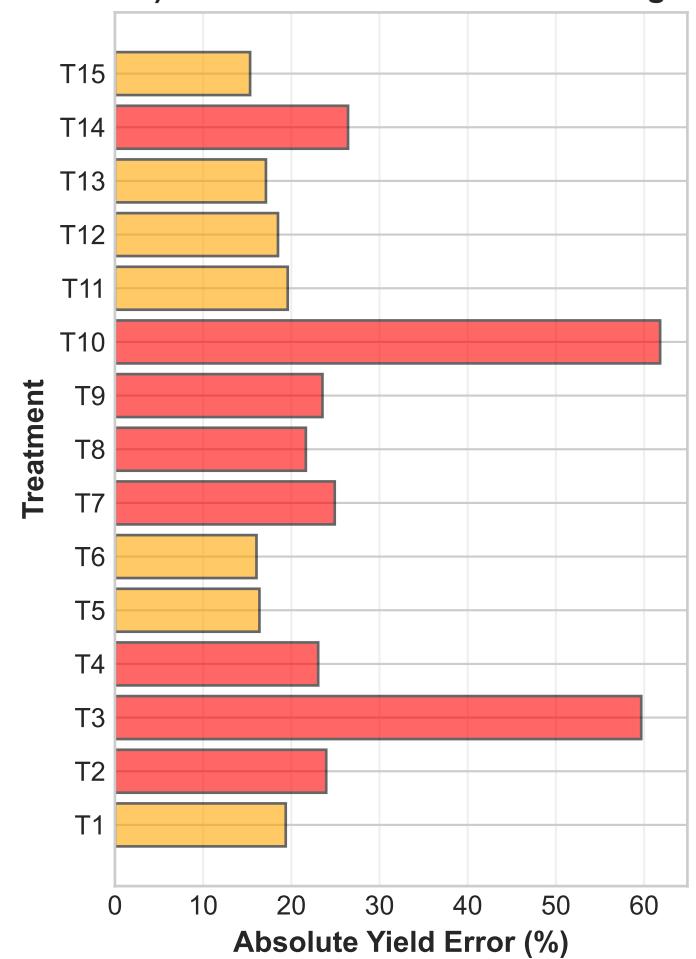
a) Yield: Simulated vs Observed



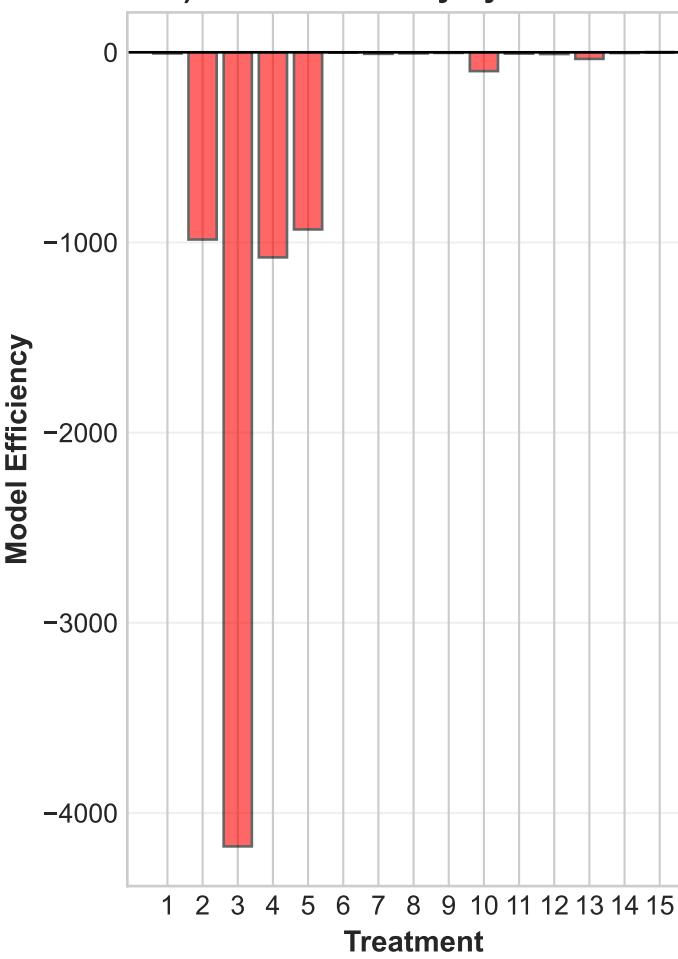
b) Yield Prediction Error by Treatment



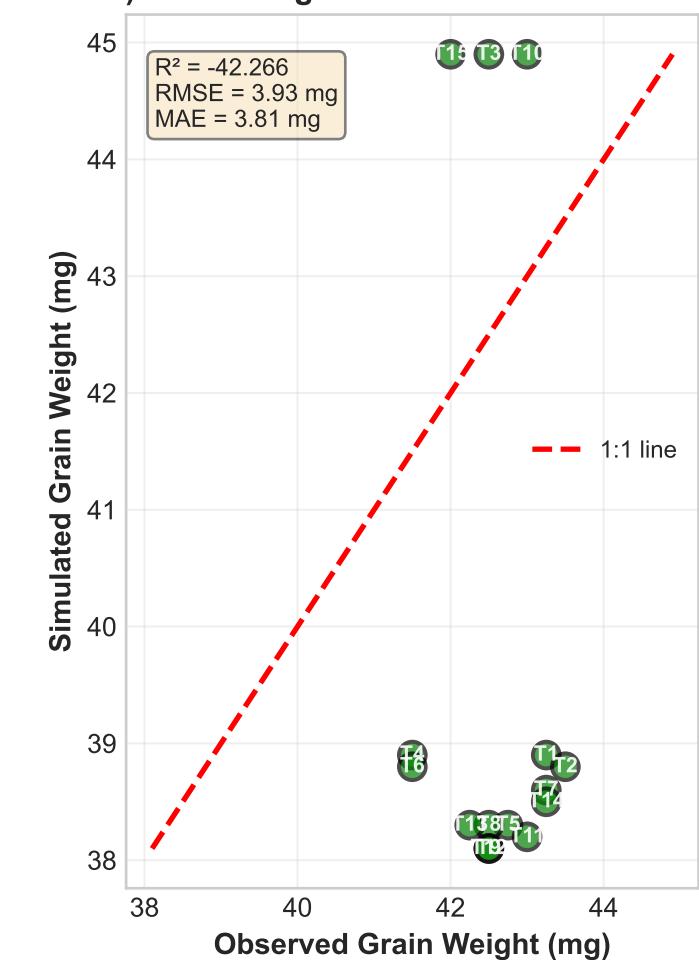
c) Treatment Performance Ranking



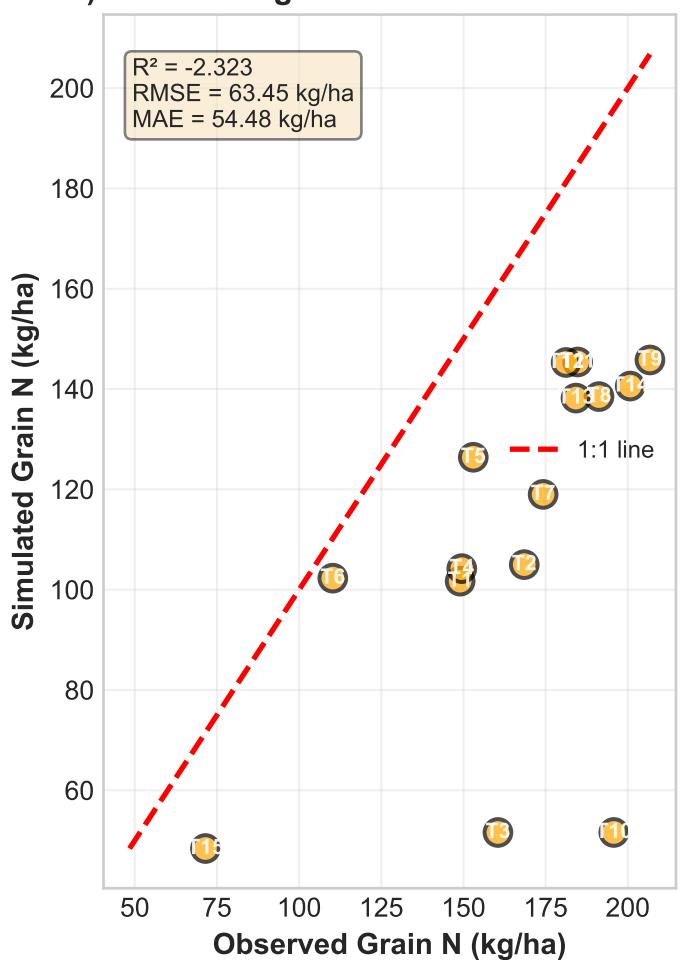
d) Model Efficiency by Treatment



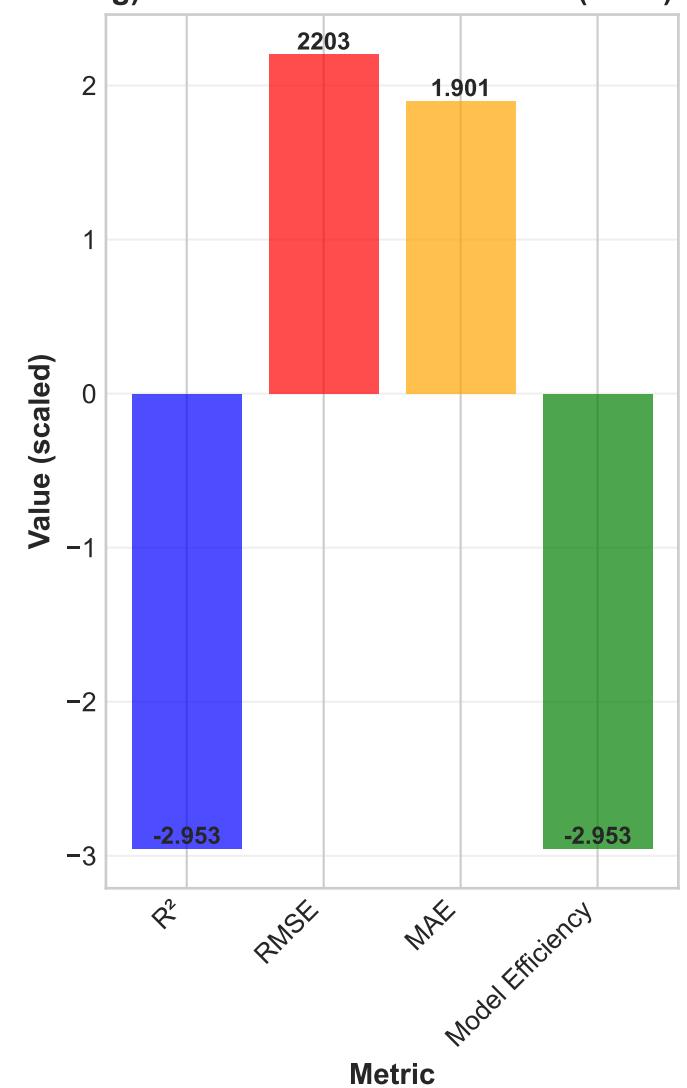
e) Grain Weight: Simulated vs Observed



f) Grain Nitrogen: Simulated vs Observed



g) Model Performance Metrics (Yield)



h) Summary Statistics

Variable	R^2	RMSE	MAE	ME
Yield	-2.953	2203	1901	-2.953
Grain Weight	-42.266	3.93	3.81	-42.266
Grain N	-2.323	63.45	54.48	-2.323