



Fig. S1: Prediction accuracy for biomass yield (Y) using trait-assisted GS with moisture (M), height at 30 ($H1$), 60 ($H2$), 90 ($H3$) and 120 ($H4$) DAP and the area under growth progress curve (A) as correlated traits and comparing cross-validation using 80% (80 – 20) or 20% (20 – 80) of the lines as training population. Standard, single-trait GS is shown for comparison. Standard deviations across 30 cross-validation runs are shown.