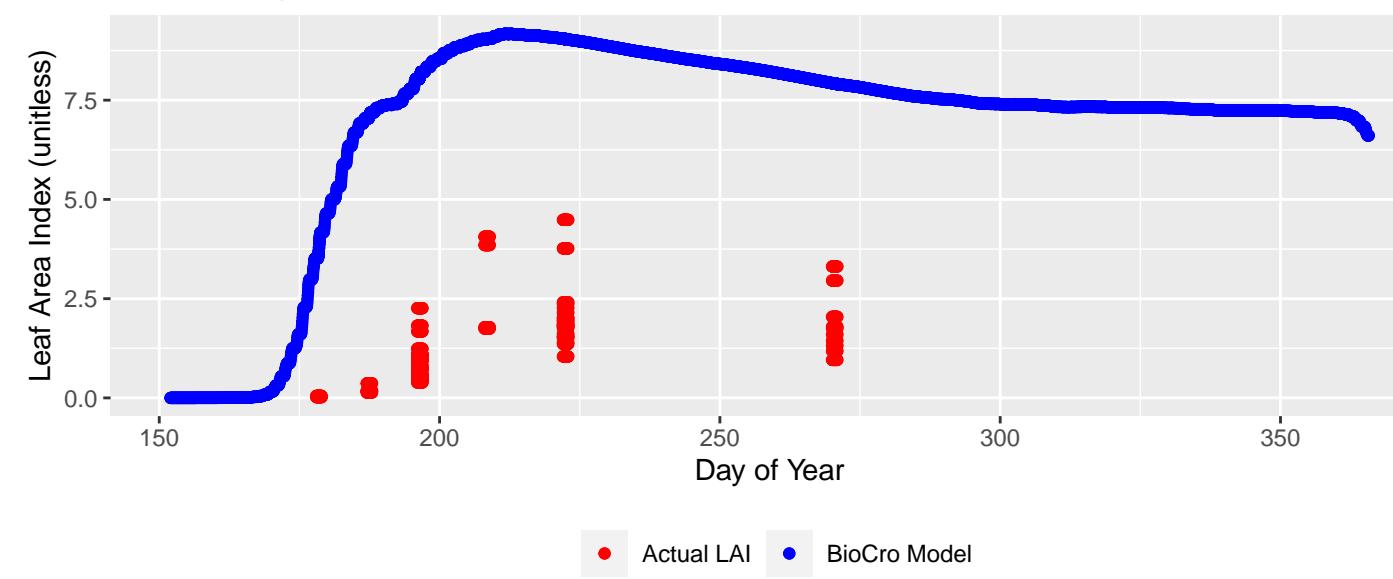


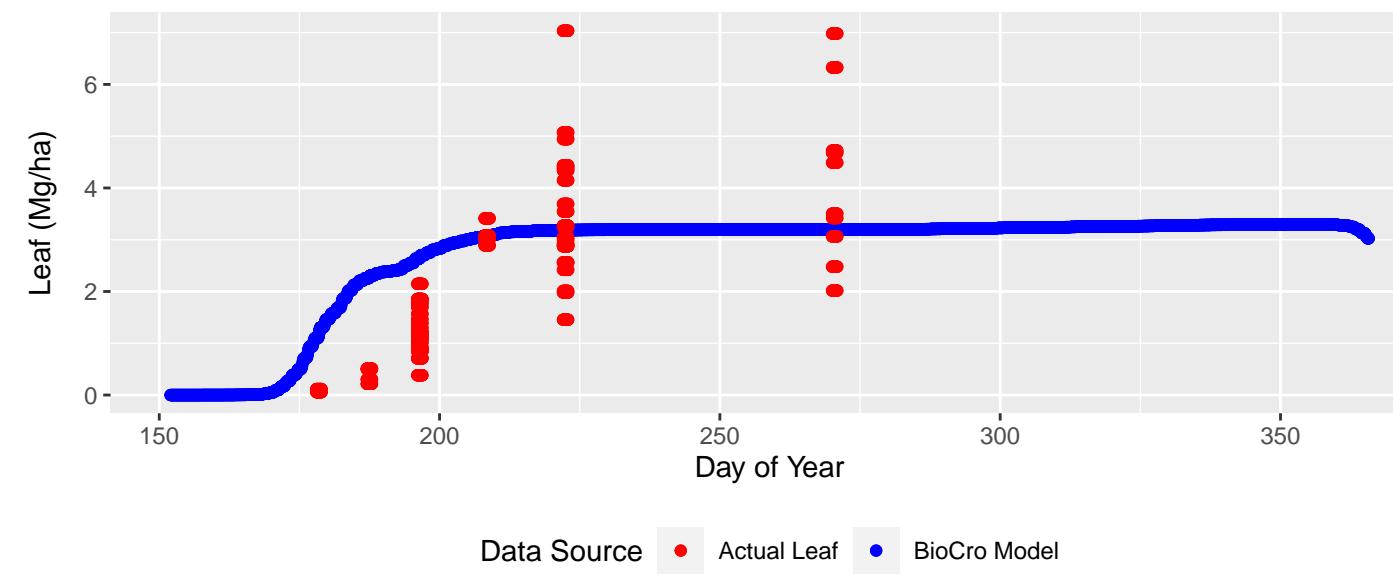
### Sorghum Model Leaf Area Index vs. Actual Data

2017 default parameters



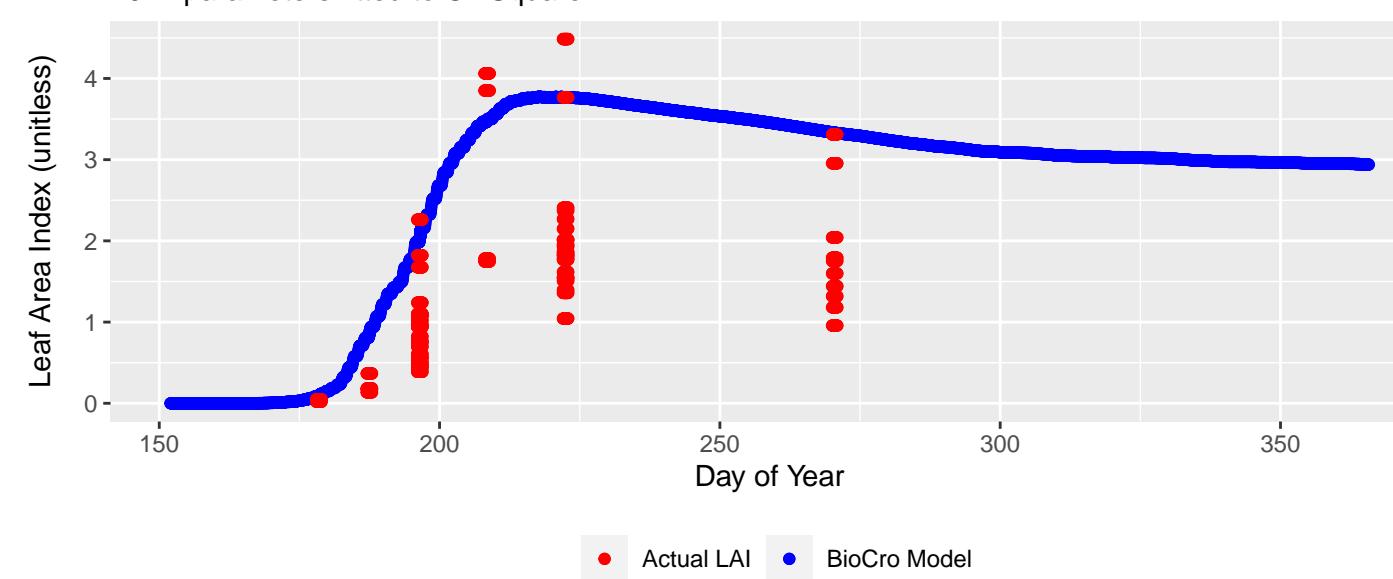
### Sorghum Model Leaf vs. Actual Data

2017 default parameters



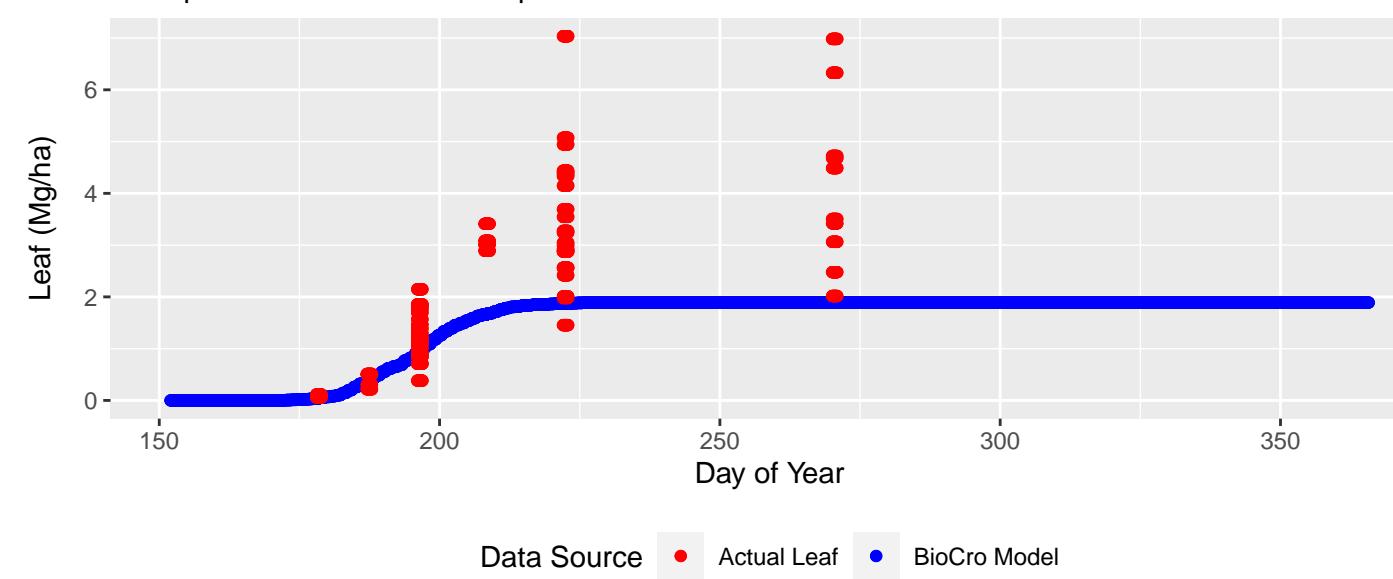
### Sorghum Model Leaf Area Index vs. Actual Data

2017 parameters fitted to ChiSquare



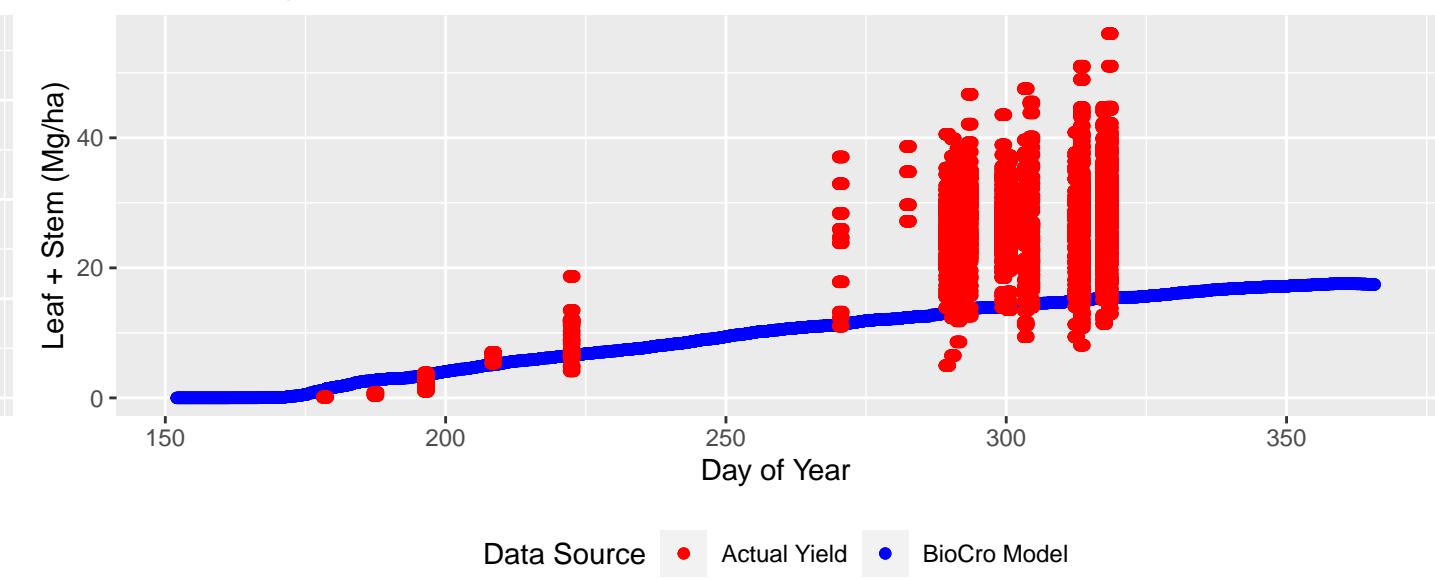
### Sorghum Model Leaf vs. Actual Data

2017 parameters fitted to ChiSquare



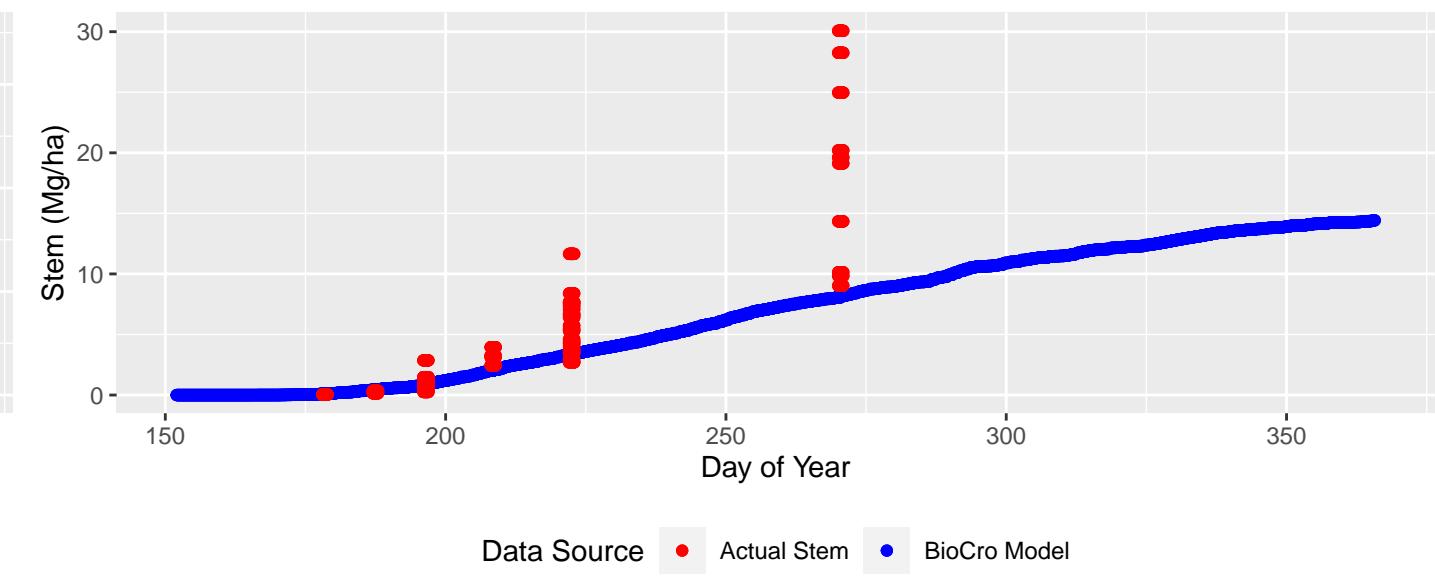
### Sorghum Model Yield vs. Actual Data

2017 default parameters



### Sorghum Model Stem vs. Actual Data

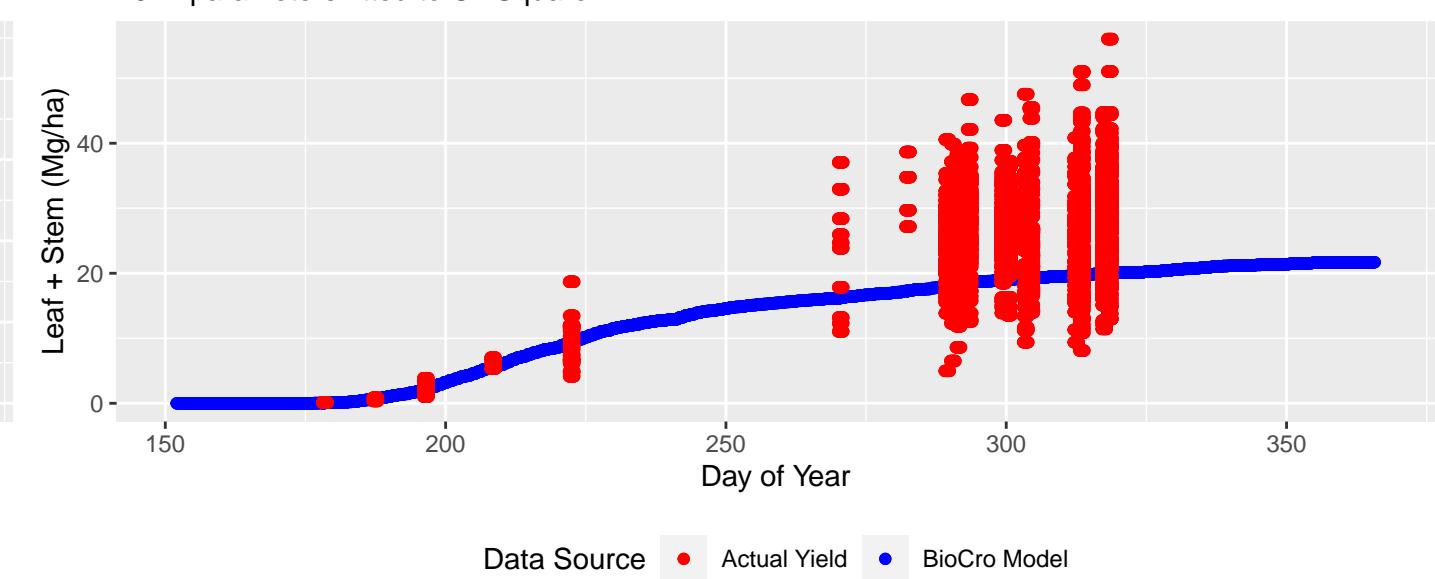
2017 default parameters



Statistics for Leaf Area, Leaf, Stem (combined) RMSE: 12.83 MAE: 11.03 MAPE: 118.23 ChiSquare: 370748.2

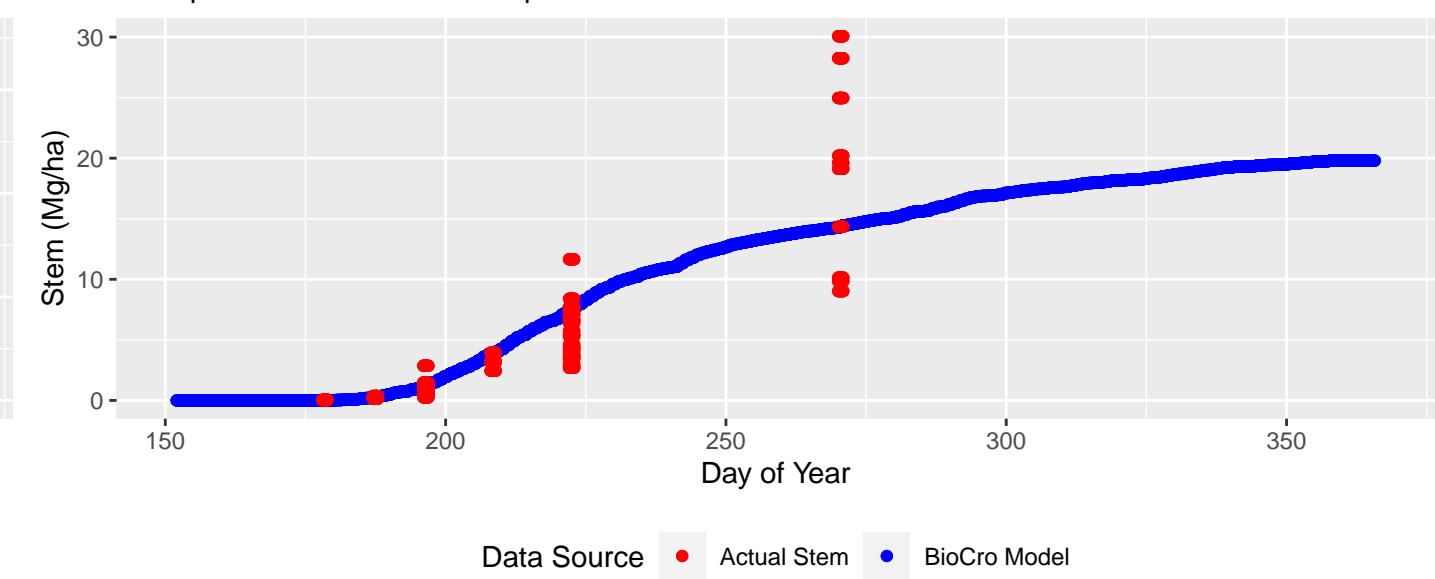
### Sorghum Model Yield vs. Actual Data

2017 parameters fitted to ChiSquare



### Sorghum Model Stem vs. Actual Data

2017 parameters fitted to ChiSquare



Statistics for Leaf Area, Leaf, Stem (combined) RMSE: 9.09 MAE: 7.21 MAPE: 35.46 ChiSquare: 4618.28