

Figure S1 Measured and modeled LAI during the growing season for corn and soybean at Mead and Bondville site

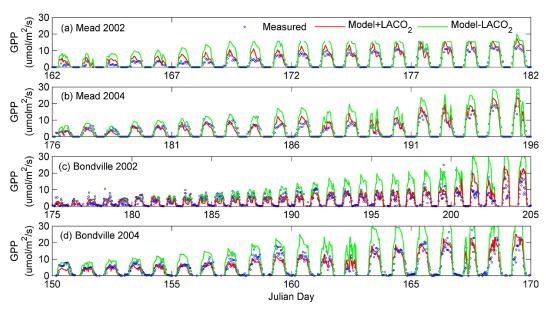


Figure S2 Measured and Modeld soybean GPP during 2002 and 2004 growing season at Mead and Bondville site. Model+LACO $_2$  and Model-LACO $_2$  case refers to model with and without the parameterization of the effect of leaf age on  $CO_2$  compensation point respectively.