**The file ‘seed\_yield\_data\_2004thru\_2011.csv’ contains following columns:**

**A: Year:** The year of growth, with data from the reduced precipitation experiment designated as 2009-RP treatment, 2010-RP treatment, and 2011-RP treatment.

**B: Cultivar:** Seven varieties of soybean

**C: P-Pet (mm):** Daily average precipitation minus potential evapotranspiration (P-PET; mm) for the period of June, July, and August

**D: Seed yield CO2 Response:** The ratio of seed yield in elevated CO2: seed yield in ambient CO2.

**E: Notes**

**The file ‘Figure 4.R’ uses R to plot seed yield CO2 response (column D, above) against P-PET (column C, above), estimate the line of best fit +/- 95% confidence intervals for all cultivars.**