Figure 1. Corn yield of fixed and flex ear varieties across populations.

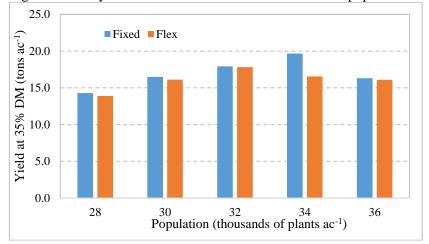


Figure 2. PAR infiltration through the corn canopy across populations over the season.

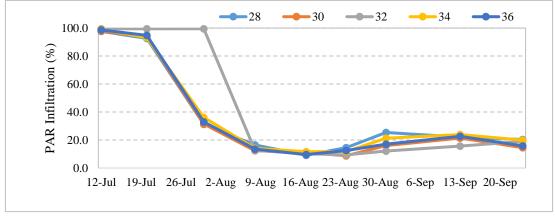


Figure 3. Yields of fixed and flex ear varieties interseeded at different growth stages.

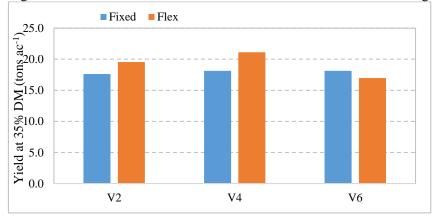


Figure 4. Percent light infilatration from 3-Jul to 24-Sep. Arrows indicate growth stages of V2, V4, and V6.

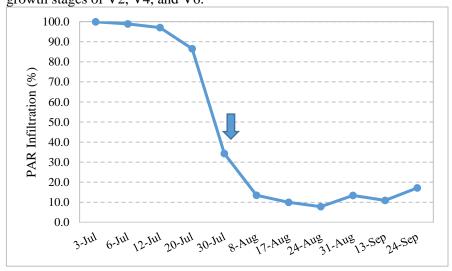


Figure 5. Percent of ambient light transmitted to center of corn rows, timing trial. Each point is the average of all treatments, with three observations per treatment.

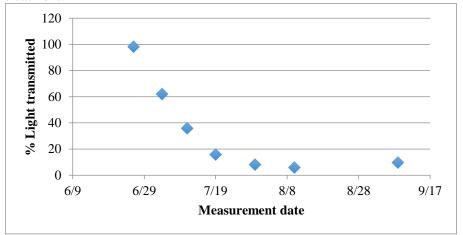


Figure 6. Biomass for timing and flex/semi-flex trials, September 8 and 9, 2018. "Yellow" is the first seeding date, with the rep number indicated. "Burnham middle" and "Burnham trees" are the two areas from the flex/flex hybrid trial in Burnham. Each bar represents the total dry matter (cover crop and weeds) from three  $0.14~\rm m^2$  quadrats in each plot.

