

Appendix: Figures

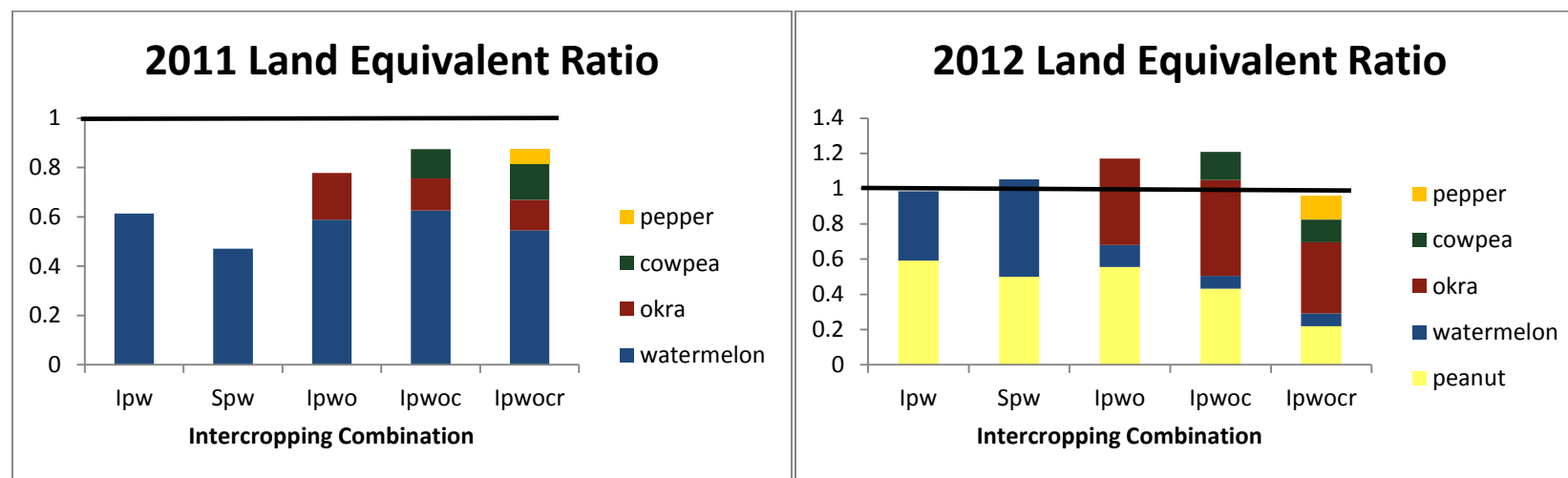
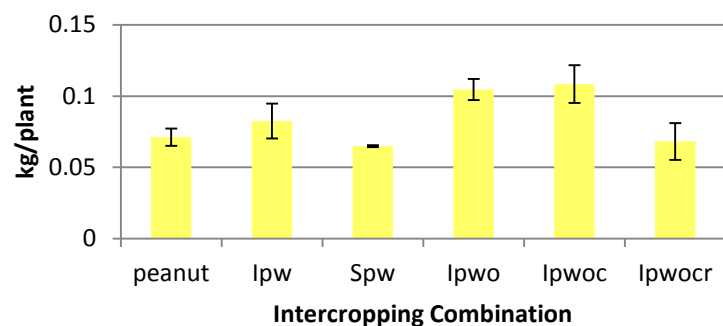
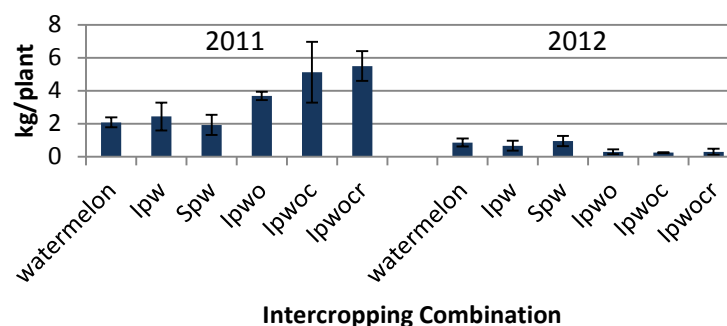


Figure 1. Land equivalent ratios calculated for 2011 and 2012 and broken down by species (lpw = within row intercropping of peanut-watermelon, spw = strip intercropping with peanut-watermelon (e.g. alternating rows), lpwo = within row intercropping of peanut-watermelon-okra, lpwoc = within row intercropping of peanut-watermelon-okra-cowpea, lpwocr = within row intercropping of peanut-watermelon-okra-cowpea-pepper).

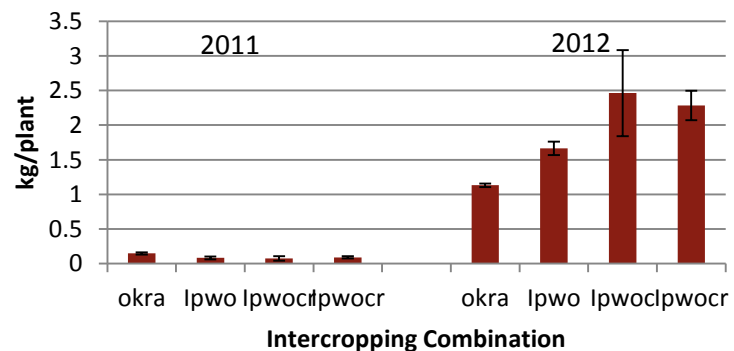
2012 Peanut per Plant Production



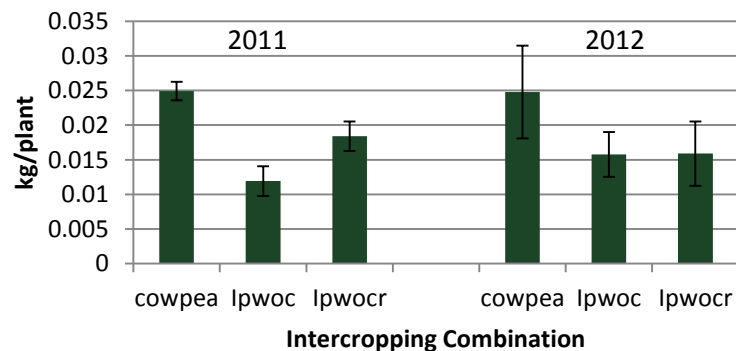
Watermelon per Plant Production



Okra per Plant Production



Cowpea per Plant Production



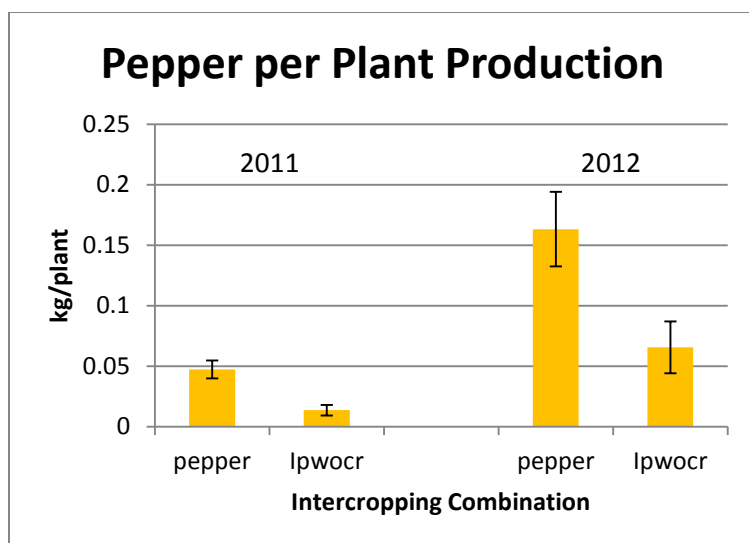


Figure 2. Production calculated on a per plant basis for each species based on intercropping strategy.

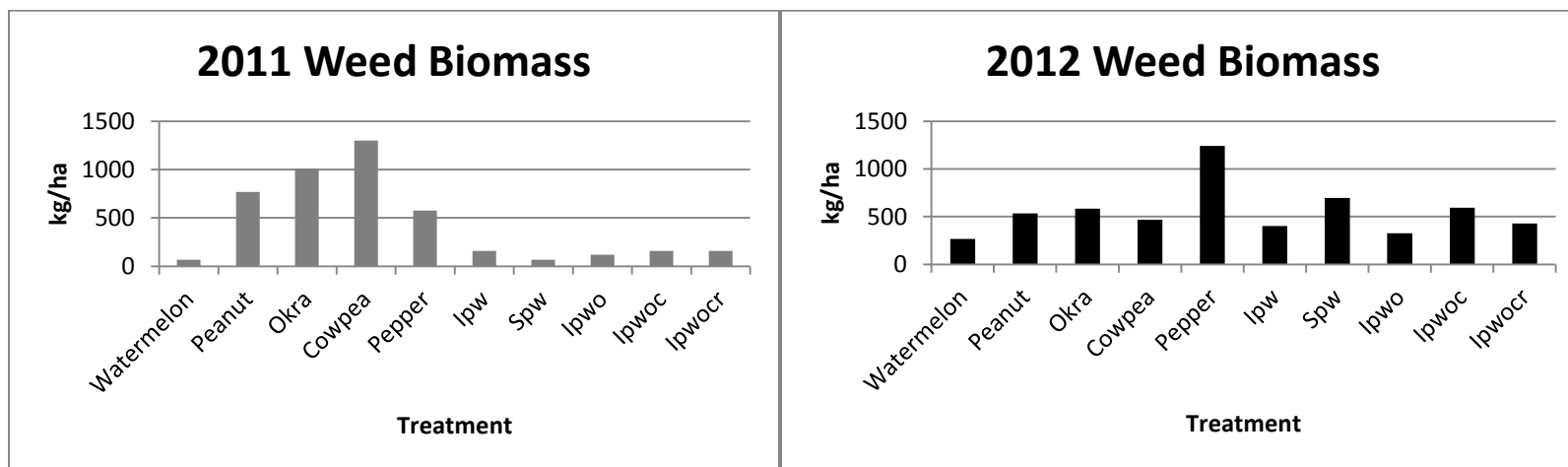


Figure 3. Weed biomass collected throughout the growing season and calculated on a per hectare basis for 2011 and 2012.