

SQUEEZING MORE INFORMATION OUT OF YOUR DATA. Adam Davis, USDA-ARS, Champaign, IL.

Statistical analyses of weed data sets often use analysis of variance to quantify treatment effects on weed growth and interference with crop yield. While ANOVA is a powerful tool, and a good entry point into a data set, its value can be greatly enhanced when related environmental and plant growth parameters are used to explore mechanisms underlying treatment effects.