

**Question for March 11, 2004      Quiz 13 PDF**

**13) Investigators want to examine the success of aphids on juvenile zone branches (no flowers) and mature zone branches (flowers present) on clones of cottonwood trees. Twelve separate clones of cottonwood tree received over-wintered aphid eggs. On each of 12 trees, 30 eggs were placed on juvenile branches and 30 eggs were placed on mature branches (a total of 24 branches on 12 trees). The success of the 30 eggs on each branch was evaluated as a single value that reflected both survivorship and fecundity yielding one value of success for each of the 24 branches. How would this data be best analyzed?**