

# **Mini-Quiz 7**

BIOL 4350/6350

Ecophysiology

**1** Why would species diversity be negatively impacted by high resource availability?

**2** Imagine you are a cotton farmer in West Texas and can only afford to buy enough slow release (14 day) fertilizer to apply over your field once a year. When would you apply it and why?

- 3 Jasper Ridge question: How would a combined increase in CO<sub>2</sub>, temperature, precipitation, and nitrogen alter plant biomass and diversity? Use systems diagrams to explain your reasoning.**