

Carefully read the description of the experiment below. Be prepared to answer the questions that follow the design description as a class quiz.

An investigator examining the soil nitrogen on sand dunes wants to compare mean nitrogen levels on fertilized sites and control sites. She also wants to determine if any differences exist in mean nitrogen over the four sampling dates representing the four seasons. What technique should be used to determine if there are differences in the mean soil nitrogen levels between treatments, months or any interaction between month and treatment?

