



**CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY**

Name(s) Sara D. Ansolabehere	Project Number S1601
Project Title The Analysis of the Uptake of Nitrogen in Grasses and Legumes	
Abstract Objectives/Goals The objective of this study was to find the amount of nitrogen that is taken up by both grasses and legumes. Methods/Materials The first thing that was done was growing the plants(grasses and legumes) until their true leaves appear. Then the amount of nitrogen in each of the plants was measured and then it was decided about the amount of nitrogen that was contained or taken up in each of the plants. Results The legumes that were grown with nitrogen took up more nitrogen than any of the other plants. Conclusions/Discussion The legumes took up more nitrogen than the rest of the plants because of the rhizobium bacteria that they contain which allows them to absorb nitrogen from the atmosphere.	
Summary Statement The analysis of the up take of nitrogen in grasses and legumes.	
Help Received	