



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Hannah C. Rempel	Project Number S1616
Project Title The Growing of Grass	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals To determine which grasses grow the best under various levels of soil salinization.</p> <p>Methods/Materials Three types of grass seeds(vetch, clover, and fescue),six salt-water solutions, and one control were used to determine how soil salinity affects plant growth. All the seeds were treated under the same conditions except for the various salinity levels applied to the soils.</p> <p>Results I found that the grasses with lower soil salinity levels consistantly grew better than the seeds with higher levels of salinization.</p> <p>Conclusions/Discussion My conclusion is that the level of salinization directly effects plant growth. I also found that vetch is the most resistant to soil salinity. Knowing the salinity of a soil may affect what we plant and ultimately grow in the soil.</p>	
Summary Statement How soil salinization effects the growth of grass seeds.	
Help Received Project advisor helped collect materials and design experiment. Mother helped glue project to board.	