

CALIFORNIA STATE SCIENCE FAIR 2016 PROJECT SUMMARY

Name(s)	Project Number	
Michael Garcia; Patrick Jackson	04007	
	51807	
Project Title	·	
Transforming Plants		
Abstract		
Objectives/Goals This investigation assess the effect of magnetic fields on a model organism: ga	arden cress (lenidium	
sativum).	inden eress (replandin	
Methods/Materials		
with copper enameled wire and attached to either an 8.5 W or 18 W power supply, or no power supply as		
a control group.	spis, of no power suppry us	
Results		
plants with full radiation grew the most. The results also exhibited that plants placed under a stronger		
magnetic field had a warmer soil temperature.		
Conclusions/Discussion	nts placed under a stronger	
magnetic field could have been from either heat coming off the coil, or from a	stronger magnetic field. If	
the latter is true, an effective way to increase specific types of plant's growth v	vas brought about	
Summary Statement		
The project was to test the affect of magnetic fields on the growth of plants.		
H-h-D		
A new provided further explanation of plant growth	Our physics teacher Mr	
Tom helped us to understand to properties of magnetic fields and its effect on	plants.	