

CALIFORNIA STATE SCIENCE FAIR 2017 PROJECT SUMMARY

Name(s)		Project Number
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		J1927
Project Title		
The Effect of Irradia	tion on Radish Plants	
Objectives/Cools	Abstract	
of gamma ray exposure on the v	the effects of 50krads, 150krads, 500 vertical stem growth and physical app	
thickness, and root length) of ra Methods/Materials	taisii piants.	
Irradiated radish seeds ordered given 75 mL of water every alter	from a supply company were grown ternative day for 3 weeks. At the end of cal appearance were recorded in the local appearance were recorded in th	of 3 weeks' recordings of their final
Results	an appearance were recorded in the R	55 000k.
The radish seeds which were ex healthier physical appearance (1	posed to less amounts of radiation hat more leaves, thicker stems, and longe best, the next best was seeds expose	r roots). The control which was not
Conclusions/Discussion		
poor in vertical stem growth and both categories. As illustrated, of hindering their ability to survive	e. Further research may include using diation, to see whether it benefits the	e, as the control averaged the best in as harmful effects on the radish plants g a protein-hydrogen solution, which
Summary Statement I found the effects of various an appearance of radish plants.	nounts of gamma ray exposure on the	e vertical stem growth and physical
Help Received		
None. I researched and conduct	ed the experiment myself.	
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