

CALIFORNIA STATE SCIENCE FAIR 2002 PROJECT SUMMARY

	Project Number
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Project Title Toxic Impact on Plants	
Abstract	
The most toxic products should have the greatest impact on grow Methods/Materials 3 dilutions of each product were prepared(eg.1%bleach,3.2%ble & same for alcohol).30 dishes of each seed type were planted.3 controls.3 dishes were prepared for each seed-product-%solution were enclosed in a polyethylene bag labelled by seed type,hous height & emergence of seeds were recorded. Results The controls presented the greatest no.of seeds emerged in 5 day 14 days.The data show that the 10%concentration of all 3 produ %emergence & seedling height for radish,lettuce,spinach seeds. had the greatest impact across all 3 concentrations.Ammonia & toxicity.Spinach was the most sensitive. Conclusions/Discussion As the concentration of the contaminant solutions increased the decreased.Bleach was found to be the most toxic & Spinach was found to be the most sensitive seed.The hypothesis appears	 wth of plant seeds. each,10% bleach,1%,3.2% & 10% ammonia dishes of each seed were kept as n combination to be tested. The dishes sehold product & % solution. After 2 weeks ys & the highest average shoot height in acts had the greatest impact on Bleach was the most toxic product that alcohol were similar in their % of emergence & average shoot height to be correct.