

CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

Name(s)	Project Number
Dagual Dai Kaufman	
Kaquel Kel Kaullian	\sim
Project Title	35275
A Grass' Biomass	\mathcal{N}
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Abstract	
Objectives/Goals	
My objective was to test which type of grass has the largest amount of biomass dry weight. I believed the Corn plant would have the largest amount of biomass	by using their fresh and
Methods/Materials	\smile
I planted Oat, Wheat, and Corn plants in 9 different pots labeling such plant and	there were 30 seeds per
pot. Then I spent three weeks letting the plants grow. I then took the plants out	each pot washed and
percentage change in weight and the equation used the fresh weight and dry we	an equation for each plants
Results	ight of each plant.
After finding the percentage change in weight I started to compare each ne. The	e percentage changes in
weight for trial one were Oat :90.9%, Wheat :92.3%, and Corn: 70% For trial tw	vo the percentage changes
very different They were very low percentage changes. The percentage changes change	es in weight for trial three
were Wheat :75%, Oat :70%, and Corn :77.78%.	es in weight for that thee
Conclusions/Discussion	
After looking at my results I found that Wheat Trip 1 had the argest percentage	e change in weight. This
plants. Not just grasses. This could tell memore about whet types of plants are	good suppliers of biomass
not just which grass is the best.	good suppliers of biolitass
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Summary Statement	a langest smooth of
him biomass	e largest amount of
Help Received	
My mother helped me to put the plants in the oven during the process of measur	ring the dry weight of each
piant.	