



**CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY**

Name(s) Sophia M. Benevento	Project Number S1002
Project Title The Effect of the Amount of Grain on the Strides of a Horse	
Abstract Objectives/Goals My project was to determine if the amount of cob a horse eats affects the number of strides (level of activity) that the horse takes. I feel that if more cob is fed, then the horses number of strides, or level of activity, will increase. Methods/Materials Two horses were used for this expirement. On the last three days of each week, lunge horse for three laps around the arena at a lope, recording the number of strides for all three laps. on the first four days, nothing happens. At the end of day seven, each horse gets 10 oz of cob fo the rest of that week. The next week each horse gets 15 oz, and on the last week 20 oz. Results Each of the horses strides increased more as each week went by and more cob was fed Conclusions/Discussion My conclusion is that all grains, not only cob, can make a horse hyper and change his personality a little. The amount of cob fed will cause an increase in mthe level of activity of the horse.	
Summary Statement To determine if the amount of grain a horse eats affects how hper he is.	
Help Received Teacher helped to determine dependant and independant variables	