



**CALIFORNIA STATE SCIENCE FAIR  
2003 PROJECT SUMMARY**

<b>Name(s)</b> <b>Amanda J. Bassett</b>	<b>Project Number</b> <b>J1103</b>
<b>Project Title</b> <b>A Hair Raising Solution</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> My science fair project revolves around showing beef cattle, which is my hobby. Fitters and exhibitors like to have their cattle walk in the show ring looking like a champion. To give the impression of being the champion the fitters and exhibitors must get their heifer's or steer's hair to "pop" (to have all the hair standing up). As an exhibitor of cattle I have Purchased a variety of products to help "pop" my heifer's hair. The problem is which solution "pops" the hair the best. I believe that the control solution Kleen Sheen will "pop" the cattle's hair the best.</p> <p><b>Methods/Materials</b> One Angus heifer (female calf), Zoom Bloom, Kleen Sheen, Liniment, Show styling foam, blower, chute, Dawn soap, hose, Rice root bursh, Scotch Comb, Rubber brush, and a centimeter ruler. Wash the heifer using the dawn soap and then blow the heifer's hair dry. When heifer is dry spray Kleen Sheen on the calf and blow the hair for 20 minutes. Then blow the calf's hair up and measure it. Wash the heifer make sure to get out all the Kleen Sheen. Blow dry and then spray with the Kleen Sheen mixed with liniment on the calf. Blow it in for 20 minutes. Pop the hair up and measure it. Wash the calf again make sure to get out all the mixture. Blow the calf completely dry and then spay the Zoom Bloom on and blow it in for 20 minutes. Blow the hair up and measure it using the ruler. After measuring the calf's hair wash the calf's hair again make sure to get all the Zoom Bloom out. Blow the calf completely dry. After blowing the calf completely dry spray on the foam and the Kleen Sheen and blow it in for 20 minutes. After blowing the foam and Kleen Sheen in well blow the hair up and measure using a ruler. Record your data. Repeat the Experiment more times.</p> <p><b>Results</b> The results of a Hair Raising Solution trial proved my hypothesis was incorrect. The spray bottle with the Kleen Sheen popped the Calf's hair 5cm. The spray bottle with Kleen Sheen mixed with liniment popped the calf's hair 6cm. The spary bottle with Zoom Bloom popped the calf's hair 7cm. Show styling foam mixed with Kleen Sheen popped the hair 8cm.</p> <p><b>Conclusions/Discussion</b> My hypothesis was incorrect. The Kleen Sheen did not pop the calf's hair the best. The Kleen Sheen and foam popped the hair the best by 4cm.</p>	
<b>Summary Statement</b> Which solution pops cattle hair the best.	
<b>Help Received</b>	