

Madison Cabot
Beyond the Boots

The purpose of this project was to see which boot brand kept the equines' legs the coolest. In my research I found that when equines' legs get really hot it increases their susceptibility to injury so the brand that kept their legs the coolest is what medically all equine riders should use to protect their horses from injury. I hypothesized that the brand that was least popular would keep the equines' legs the coolest. What is needed to test this is a thermometer, rider, tack, equines, and the boots. To do this have the horses with boots do a pyramid like exercise to get their heartrate up. The pyramid exercise consists of walking one lap around the arena, trotting for five minutes, loping to the left five circles, loping to the right five circles, trotting for five minutes, and then walking one lap around the arena. You have to take the equine's temperature before and after their exercise. My data showed that the most popular brand in the project, Classic Equine, kept the legs the coolest. In conclusion, my hypothesis was wrong due to one of the more preferred brands keeping the equines' legs the coolest but I enjoyed this project. I would recommend this experiment for those involved with equine science or those who own equines. If I were to do this again I would do it in warmer weather due to the freezing temperature outside it made the project more difficult than it should be, though it was a great learning experience.