

Melissa Poet

*The Effects of Paylean on Porcine*

My purpose for this project is to see what pig feed makes a pig have larger muscles. My hypothesis was the pigs on the Paylean feed would gain the most weight, have a higher daily gain. I hypothesized the regular feed pigs would have the leaner meat of the two. First separate the porcine into the two pens. Put 2 barrows and 2 gilts on each side and the other four on the other side. Then fill the feeder using the 2- gallon bucket with 136.08 kg of the original feed for the control side. Next fill the other feeder using the 2-gallon bucket with 136.08 kg of the feed with the Paylean for the variable side. Then fill both water troughs daily to keep the water as a control. Be sure to observe the feed and water consumption and write down your observations. After two weeks weigh the pigs using the pig scale. Write down the weight results for those two weeks. Find the average of each group and use these numbers for your results. Repeat this for 81 days. In conclusion, the Paylean pigs gained the most weight. The Paylean pigs all finished out to be over 300 pounds and all the regular feed pigs were all less than 300 pounds. The pigs on the Paylean did not eat less feed. They ate the same amount of feed as the other pigs. Also the pigs that were on the regular feed had less fat on the prime cuts than the Paylean pigs.