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*Round Nose vs. Hollow Point*

The purpose of this experiment was to determine how tip shape affects accuracy for round nose verses hollow point bullets. A hollow point bullet has a small hole in the end while a round nose has a rounded end. To conduct my experiment I fired 5 round nose and hollow point bullets at 2 targets, resulting in a total of 10 round nose and 10 hollow point bullets fired. The gun, a .22 long rifle was held in position using duct tape and a vise. The bullet holes were measured using an electronic micrometer. The bullet holes were measured both from the bulls eye (the point of aim) and the nearest bullet hole. The hollow point was more accurate than the round nose which is contrary to the previous hypothesis. The hollow point bullet had an average of being 77.74 millimeters from the point of aim and was, on average 18.27 millimeters from the closest bullet hole whereas the round nose had an average was 90.67 millimeters from the point of aim and 18.34 millimeters from the closest bullet hole. This information could be used by hunters to save money by decreasing the amount of ammunition used.