



CITATION

Molabe Kagisho Madikadike investigated genetics and egg-related factors influencing eggshell thickness in Potchefstroom Koekoek Chickens. This is because farmers face challenges of egg breakage. She identified key egg quality traits, eggshell color differences, and genetic markers and expression levels of the SCNN1G gene, as selection criteria. This research also suggests MARS data mining algorithm for estimating eggshell thickness. The research contributes to improving eggshell quality and reducing egg breakage. During her training, Ms Molabe received a scholarship to visit Florida International University in the United States of America. Her thesis produced six publications, including four articles and two conference proceedings