



CITATION

Ms Mahlare, Mokgophi's doctoral thesis provides a comprehensive analysis of the synergistic impact of incorporating sunnhemp cover crop, combined nano zinc and copper, alongside varying nitrogen fertiliser rates and agronomic parameters. The combination of sunnhemp cover crop, nanomicro nutrient, and N fertilisation boosted soil microbial activity while decreasing reliance on synthetic fertilisers, consequently enhancing canola production. This research contributes valuable insights into sustainable agricultural practices, demonstrating the potential for enhanced canola production and soil productivity through innovative nutrient management while reducing reliance on nitrogen inputs. The work has resulted in two high-impact publications and presentations at two conferences.