



## Short CV

Gert Ceronio, Ph.D.

Associate Professor: Crop Science (Agronomy)



### Courses Presented

SCCS 1624 – Sustainable soil and water management – Undergraduate

CROP3714/3754 – Summer grain, oil, and protein rich crops

CROP4824/6824 – Role of nutrition in crop development

CROP4844/6844 – Weed control

### Research Focus

Crop systems, crop nutrition, weed management, abiotic stress on crops

### Most Recent Publications

1. Dzvene, A.R., Tesfahuney, W.A., Walker, S., Ceronio, G. 2023. Planting time and stand density effect on radiation interception and use efficiency of maize and sunn hemp intercropping in semi-arid South Africa. Agricultural and Forest Meteorology, 341; <https://doi.org/10.1016/j.agrformet.2023.109690>
2. Dzvene, A.R., Tesfahuney, W.A., Walker, S., Ceronio, G. 2023. Optimizing the planting time and stand density of sunn hemp intercropping for biomass productivity and competitiveness in a maize-based system. Field Crops Research, 304; <https://doi.org.10.1016/j.fcr.2023.109179>

3. Mekonnen, T.W., Van Biljon, A., Ceronio, G., Labuschagne, M. 2023. Effects of planting date, environments and their interaction on grain yield and quality traits of maize hybrids. *Heliyon*, 9(11). <https://doi.org/10.1016/j.heliyon.2023.e21660>
4. Mekonnen, W., Ceronio, G., Labuschagne, M. 2023. The influence of planting window on yield of maize genotypes in semi-arid areas. *South African Journal of Botany*, 163, 511-522; <https://doi.org/10.1016/j.sajb.2023.11.007>
5. Dzvene, A.R., Gura, I., Tesfuhuney, W., Walker, S., Ceronio, G. 2024. Effect of intercropping maize and sunn hemp at different times and stand densities on soil properties and crop yield under in-field rainwater harvesting (IRWH) tillage in semi-arid South Africa. *Plant and Soil*; <https://doi.org.10.1007/s11104-024-06681-z>

### **Fun Fact**

Always involved with entrepreneurial and outdoor activities and enjoy refurbishing vintage farm equipment

