

CURRICULUM VITAE

1. **Family name:** Mandizvo
2. **First names:** Takudzwa
3. **Nationality:** Zimbabwean
4. **Country of Residence:** South Africa
5. **Contact details:** takudzwamandizvo@gmail.com; | +27629810895

6. Education:

Institution [Date from - Date to]	Qualification obtained:
University of KwaZulu-Natal	PhD (Crop Science) in progress
University of KwaZulu-Natal	MSc: Agriculture (Crop Science)
Chinhoyi University of Technology	BSc (Hons): Crop Science and Technology

7. Language skills: (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
Shona	1	1	1
Zulu	5	5	5

8. Membership of professional bodies:

SACNASP

9. Specialisation (Agronomy, soil fertility, plant physiology, seed science)

10. Present position: Adhoc lecturer (Plant Physiology) | University of KwaZulu-Natal

11. Key Skills: Scientific writing, Experimental design, Data collection and Statistical Analysis, Teaching,

12. Specific experience:

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13. Professional experience (Formal employment and Assignments/consultancies)

Date from - to	Location	Organisation	Position	Description of Duties and achievements
09/17-present	South Africa	University of KwaZulu-Natal (UKZN)	Research fellow (Crop Science Department)	Conducting research experiments on neglected crop species (Bambara groundnut and citron watermelon). To date, 6 publications in accredited journals have been achieved
	South Africa	University of KwaZulu-Natal (UKZN)	Adhoc lecturer (Forage Production & Utilization)	Preparing lecture notes, teaching and student assessment (Quiz, Tests and Examinations).
04/21-12/21	South Africa	University of KwaZulu-Natal (UKZN)	Adhoc lecturer (Agriculture Plant Physiology)	Preparing lecture notes, teaching and student assessment (Quiz, Tests and Examinations).
01/15-03/16	Zimbabwe	Department of Research & Specialist Services (DR&SS)	Assistant Research Technician (Crop Breeding Institute)	Conducting field trials on pulses under the Crop Breeding Institute. Successfully published a research paper "Evaluation of common bean (<i>Phaseolus vulgaris</i> L.) genotypes for disease tolerance under rain-fed conditions" contributing to literature of the crop

14. Publications

Mandizvo T., Odindo A.O., Mashilo J., Magwaza L.S. (2022) [Drought tolerance assessment of citron watermelon \(*Citrullus lanatus* var. *citroides* \(L.H. Bailey\) Mansf. ex Greb.\) accessions based on morphological and physiological traits. Plant Physiology and Biochemistry. DOI: 10.1016/j.plaphy.2022.03.037.](#)

Mandizvo T., Odindo A.O., Mashilo J. (2022) [Nutrient composition and physical properties of citron watermelon \(*Citrullus lanatus* var. *citroides* \(L.H. Bailey\) Mansf. ex Greb.\) seeds are related to seed coat visual appearance. South African Journal of Botany. DOI: 10.1016/j.sajb.2022.02.015.](#)

Mandizvo T., Odindo A.O., Mashilo J. (2021) [Citron Watermelon Potential to Improve Crop Diversification and Reduce Negative Impacts of Climate Change. Sustainability 13. DOI: 10.3390/su13042269.](#)

Mandizvo T., Odindo A.O. (2020) [Spectrophotometric Quantification of Phytic Acid During Embryogenesis in Bambara groundnut \(*Vigna subterranea* L.\) Through](#)

Phosphomolybdenum Complex Formation. Emirates Journal of Food and Agriculture:778-785. DOI: [10.9755/ejfa.2020.v32.i11.2178](https://doi.org/10.9755/ejfa.2020.v32.i11.2178).

Mandizvo T., Odindo A.O. (2019a) Seed coat structural and imbibitional characteristics of dark and light coloured Bambara groundnut (*Vigna subterranea* L.) landraces. Heliyon 5:e01249. DOI: [10.1016/j.heliyon.2019.e01249](https://doi.org/10.1016/j.heliyon.2019.e01249).

Mandizvo T., Odindo A.O. (2019b) Seed mineral reserves and vigour of Bambara groundnut (*Vigna subterranea* L.) landraces differing in seed coat colour. Heliyon 5:e01635. DOI: [10.1016/j.heliyon.2019.e01635](https://doi.org/10.1016/j.heliyon.2019.e01635).

Mandizvo T., Sivotwa E., Soropa G., Tsekenedza S., Ndowora T., Musiyandaka S., Mashingaidze A.B. (2017) Evaluation of common bean (*Phaseolus vulgaris* L.) genotypes for disease tolerance under rain-fed conditions. The Journal "Agriculture and Forestry" 63. DOI: [10.17707/AgricultForest.63.3.10](https://doi.org/10.17707/AgricultForest.63.3.10).

15. Professional Referees

Prof A.O. Odindo

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Prof L.S. Magwaza

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