**THANDIWE M. NLEYA**

**Associate Professor and Cropping Systems Agronomist**

Agronomy, Horticulture, and Plant Science Department

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**Education:**

Ph.D. (Crop Science): 1997. University of Saskatchewan, Canada

M.S. (Agronomy): 1988. Southampton University, England

B.S. (Agriculture): 1984. University of Zimbabwe, Zimbabwe

**Professional Experience:**

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| **Date** | **Employer** | **Position** |
| 2004-current | South Dakota State Univ. | Cropping Systems Agronomist |
| 1999-2003 | University of Saskatchewan, Canada | Postdoctoral Research Associate |
| 1997-1999 | University of Saskatchewan, Canada | Post-Doctoral Research Fellow |
| 1993 -1997 | University of Saskatchewan, Canada | Research Assistant |
| 1988-1992 | Ministry of Agriculture, Zimbabwe | Principal Research Scientist |
| 1987-1988 | Southampton University, England | Research Assistant |
| 1984-1987 | Ministry of Agriculture, Zimbabwe | Research Scientist |

**Professional Activities**

American Society of Agronomy

**Grants Received:**

Principal Investigator

* Sustainable Oilseed Feedstocks: Development of best management practices for the production of *Brassica carinata* (L) in the Dakotas. Sun Grant Program-North Central Region, USDA. $150,000. (2016-2018).
* Determining the rotational impacts of oilseed crops on the subsequent winter wheat crop and development of best management practices for *B. carinata*. South Dakota Oilseeds Initiative. $10,000. (2017-2018).
* Determining the rotational impacts of oilseed crops on the subsequent winter wheat crop and development of best management practices for *B. carinata* and camelina. Agrisoma Inc. $23,570. (2017-2018).
* Providing Opportunities for Increased Minority High School Students Enrollment into University Agricultural Sciences, Mathematics, and Engineering Programs. WAMS-NIFA. $150,000. (2014-2017).

Co-Principal Investigator

* Back to the Future: Enhancing food security and farm production with integrated crop-livestock production systems. USDA-CAP grant. $3,985,000 (PI: Sandeep Kumar, SDSU). (2016 – 2020).

**Recent Publications:**

Dunbar, M., A. Adhikari, B. Konts, A. Varenhorst, T. Nleya, E. Byamukama, and F. Mathew. 2017. First report of Alternaria Black Spot caused by *Alternaria alternate* on *Brassica carinata* in South Dakota. Plant Disease. <https://doi.org/10.1094/PDIS-02-17-0222-PDN>.

Nleya, T., E. Byamukama, A. Varenhorst, S. Kumar, P. Alberti, and K. Grady. 2017. Camelina Production. iGrow (iGrow.org), April 2017. South Dakota State University.

Byamukama, E., A.C. Tande, D. J. Olson, L. Hesler, K. Grady, T. Nleya, and F.M. Mathew. 2016. First detection of aster yellows associated with Phytoplasma on Camelina sativa L. in South Dakota. Plant Disease. <http://dx.doi.org/10.1094/PDIS-10-15-1179-PDN>

Nleya, T., C. Chungu, and J. Kleinjan. 2016.Corn growth and development. Chapter 5. *In* Clay, D.E., C.G. Carlson, S.A. Clay, and E. Byamukama (eds). iGROW Corn: Best Management Practices. South Dakota State University.

Nleya T., A. Vandenberg, F.L. Walley, D. Deneke. 2016. Lentil: Agronomy. In: Wrigley, C., Corke, H., and Seetharaman, K., Faubion, J., (eds.) *Encyclopedia of Food Grains, 2nd Edition*, pp. 223-230 Oxford: Academic Press**.**

Nleya, T. and J. R. Rickertsen. 2014. Winter wheat response to planting date under dryland conditions. Agron. J. 106: 915-924. http://doi:10.2134/agronj13.0417

Nleya, T. and J. R. Rickertsen. 2013. Seeding rate effects on yield and yield components of chickpea in South Dakota. Online. Crop Management. http://doi:10.1094/CM-2013-0001-RS. Plant Management Network.

Rezwanul, P. Md., S.W. Fausti, T. Nleya,P.S. Johnson, K.C. Olson, J.R. Rickertsen. 2013. Forage options and drought risks: A South Dakota Case Study. Journal of AFSMRA pages 167-184.

Nleya, T., P. Sexton, K. Gustafson, and J. Moriles. 2013. Soybean growth stages. *In* Clay, D.E., C.G. Carlson, S.A. Clay, L. Wagner, D. Deneke, C. Hay (eds). IGrow Soybean: Best Management Practices for Soybean Production. South Dakota State University, SDSU Extension, Brookings, SD.