

PROFILE

Dr Fred Kanampiu



Dr Fred Kanampiu is a Senior Agronomist with International Maize and Wheat Improvement center (CIMMYT) working with Weed Management and Conservation Agriculture. He obtained B.Sc. Agriculture and MSc. Agronomy from the University of Nairobi, Kenya and PhD in Soil Science at Oklahoma State University, Stillwater, USA. His work mainly focuses on devising, planning and conducting strategic research on control of *Striga* species through integrated weed management and herbicide applications to herbicide-resistant maize; collaborating with national agricultural research systems scientists in east, southern and west Africa to evaluate and adapt *Striga* control methods to other agro-ecologies. In collaboration with other players (BASF, Weizmann Institute of Science, African Agricultural Technology Foundation, Seed companies, Hi-Cap Formulations, ICRAF, TSBF and ICIPE) in parasitic weed control we develop and implement deployment strategies for StrigAway[®] technologies for *Striga* control.

Fred Kanampiu has written/ contributed to several peer-reviewed publications and 37 conference proceedings, contributed to the training of graduate students, over 350 trainees and visiting scientists. He has led in the development of the StrigAway technology for *Striga* management since its inception in 1997, a method that farmers acknowledge to be the most effective *Striga* management practice available. He contributed to the development of the slow-release technology, one of the technologies aimed at fine-tuning and optimising *Striga* control. Fred is one of the best team players as evidenced by the great number of collaborative projects in which he is involved.