

A new approach to fertilizer recommendations...

The Optimising Fertilizer Recommendations in Africa (OFRA) project has created tools, skills and knowledge to help farmers make decisions on maximisation of profit from their investments in fertilizer uses. OFRA is funded by The Alliance for a Green Revolution in Africa (AGRA).

July 2013

July 2017

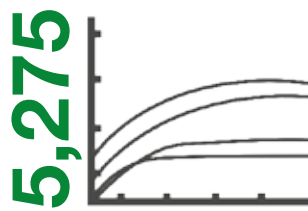


over **50** million rural households in areas covered by fertilizer optimization tools that could benefit from improved livelihoods and food security



750

copies of a book, which includes a chapter on fertilizer use optimization in each of the 13 participating countries



5,275

crop response functions from legacy and trial data developed

13

participating countries: Burkina Faso, Ethiopia, Ghana, Kenya, Malawi, Mali, Mozambique, Niger, Nigeria, Rwanda, Tanzania, Uganda & Zambia



74

fertilizer optimization tools (computer and paper-based) developed in 67 agro-ecological zones



papers presented at conferences

16



2,836

extension workers and agro-dealers trained in the use of the fertilizer optimization tool to advise small-scale farmers



1

mobile phone FOT app under development



1,088 researchers trained in fertilizer optimization approaches in 13 countries



7

scientific papers published in journals and 24 more papers under development



337 scientists trained in OFRA protocol & soil analysis



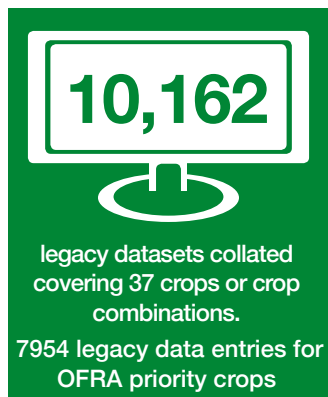
13

fertilizer calibration tools developed (one for each country)

13 integrated soil fertility management substitution tables developed (one for each country)



21



10,162 legacy datasets collated covering 37 crops or crop combinations. 7954 legacy data entries for OFRA priority crops



37

crops or cropping systems combinations included in at least one fertilizer optimization tool (9 cereal, 8 legumes, 3 tuber and banana)



606

OFRA field trials in an on-line database



21

trainers trained in linear programming, who then trained 255 researchers of whom 40 are using their new skills to improve the fertilizer optimization tools