

Supplementary Materials

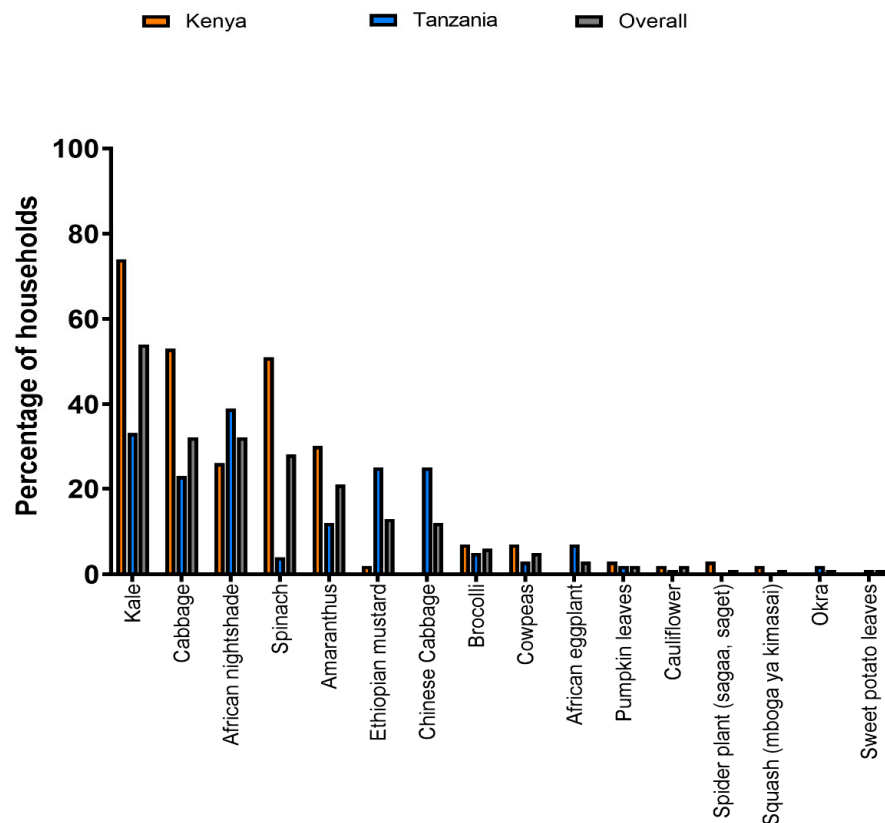


Figure S1: Types of crucifers and traditional African vegetables grown in Kenya and Tanzania.

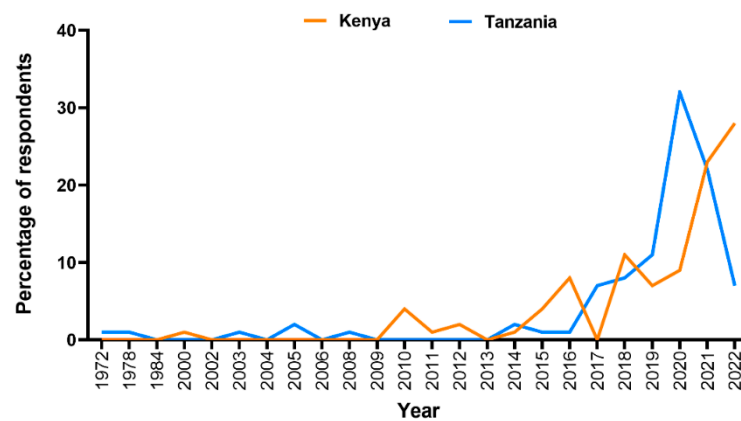


Figure S2: The years in which farmer training on vegetable agroecological production was carried out Kenya and Tanzania.

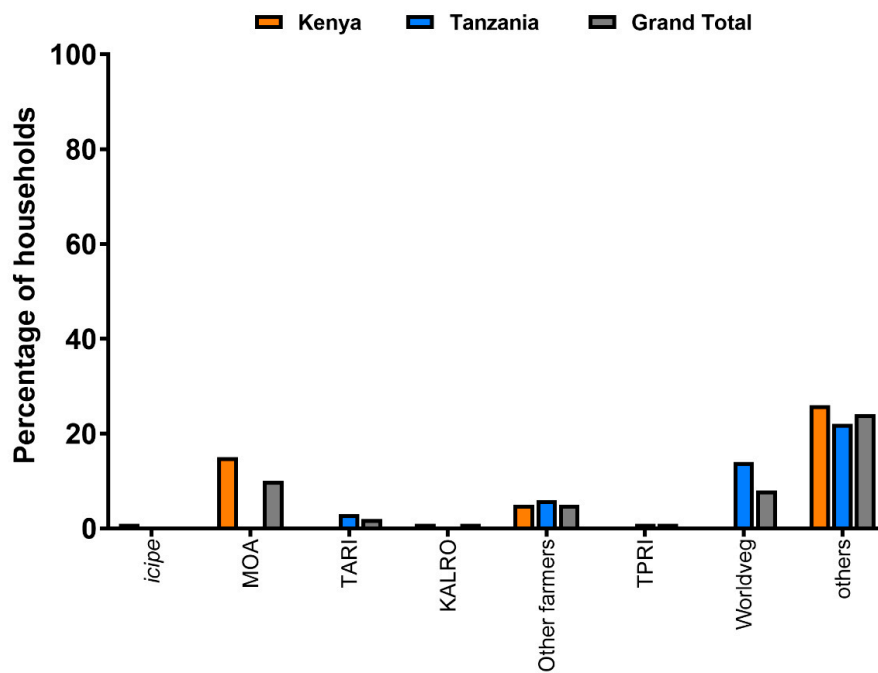


Figure S3: Organizations that trained vegetable farmers on agroecological production in Kenya and Tanzania.

Table S1: Types of plants used by vegetable farmers to repel different pests in Kenya and Tanzania.

Type of pest/ repellant plant	Flea beetle	Stem weevil	Stink bug	Amaranth stem weevils	Leaf beetles	Root Knot	Others	Total
Marigold	8	11	1	3	0	0	0	23
Mustard	2	1	0	0	0	0	0	3
Onions	13	32	0	4	1	0	9	59
Rosemary	2	2	0	0	0	0	1	5
Beets	0	0	0	1	0	0	0	1
Sage	0	1	0	0	0	0	0	1
Coriander	0	5	0	0	0	0	1	6
Mint	1	1	0	0	0	0	0	2
Others	1	7	1	1	0	2	3	15
Number of farmers	27	60	2	9	1	2	14	115

Table S2: Types of plants used by vegetable farmers to attract different pests in Kenya and Tanzania.

Type of pests/Trap crops used	Flea beetle	Stem weevil	<i>Lepidopte</i>	Amaranth stem weevils	Root Knot	Total
Marigold	0	1	0	0	0	1
Garlic	0	0	0	0	1	1
Onions	4	3	0	3	0	10
Rosemary	1	0	0	0	0	1
Beets	0	0	0	0	0	1
Coriander	1	1	0	0	0	2
Mint	0	0	0	0	0	0
Others (maize, sweet potatoes, Napier grass, millet)	2	7	1	0	1	11
Total	8	12	1	3	2	27