

Effects of climate change and how farmers are coping up with it



G-BIACK Farmers applying techniques that are helping them grow sufficient food

Climate change's negative impacts are already being felt, in the form of increasing temperatures, weather variability, invasive crops and pests, and more frequent extreme weather events. On farms, climate change is reducing crop yields, the nutritional quality of major cereals, and lowering livestock productivity.

Food production in Kenya and especially maize production has been declining by 30% each year. In 2022, maize production is estimated to drop by 10 million bags, from 40 million down to 30 million bags. The main reason being erratic rainfall patterns.

While Agriculture is a major part of the climate problem, which is currently generating between 19–29% of total greenhouse gas (GHG) emissions, swift action needs to be taken in order to revert this scenario. In short, climate change is putting food production at risk which also directly puts peoples lives at risk of hunger, disease and death.

G-BIACK is striving to educate farmers on simple, affordable, resilient methods of farming which are helping them to grow sufficient, healthy and clean food. For farmers that are in arid and semi arid regions, sunken beds, planting the Open pollinated and heirloom seeds and use of cured compost is working very well. The GROW BIOINTENSIVE technique is working magic in all climatic conditions hence a need to promote it to the farmers all over the country and beyond.

Visit our website: www.g-biack.org.

Go to Google maps to see us from above by entering: G-BIACK, Thika, Kenya

Donations of any amount help us to reach out to vulnerable families.

G-BIACK is a registered NGO in Kenya, and donations are tax deductible.

Contributions may be made directly to G-BIACK or through Network for Good on our web site.

Or checks payable to Kilili Self Help Project may be written and sent to

260 Marion Ave., Mill Valley CA 94941 USA—no overhead will be deducted, meaning that 100% of every donation will be sent to G-BIACK for our programmes.

All contributions are tax-deductible