



LCF

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Low Carbon Farming :

What is it?



Fair Climate Network
www.fairclimate.com

Peasant farmers are not responsible for global warming. They face the brunt of climate change earlier than anyone else because they are directly engaged with the environment and dependent on a



favourable climate for their livelihood. Also because they are not economically prepared.

They have been victims of an un-priced externality of fossil fuel based development.

We have an innovative way to address the much debated issue of Development or Climate change mitigation. The debate changes to one of Development and climate change mitigation and adaptation.

Farm sector offers significant opportunities for carbon sequestration and emission reductions. Emissions from farming contribute 14% of global GHG. Low Carbon Farming offers farmers the opportunity to capitalize on the carbon

market, as they shift to agricultural methods that are sustainable, involving lower input costs that result in emission reduction and sequestration.

LCF involves a basket of practices that reduce/minimize/remove use of synthetic fertilizers (methane avoidance and N₂O reduction) while, at the same time, improving soil carbon. This is done through reduced tillage, precision fertilization, anaerobic composting,



organic fertilizers, mulching, intercropping, multi-cropping, irrigation efficiency, and a horde of techniques specially designed for particular regions, populations and climatic zones. Planting multiple crops on the same field supports biodiversity. Proper crop mixes, based on science and demonstrated results, promotes resilience by bringing about a balance in the farm ecology and reducing the risk of crop failures due to pest attack. It also

reduces the financial risk exposure for farmers against erratic and spatial rainfall.

LCF respects the cultural wisdom of farmers in order to restore a balance between crops, trees and livestock. It promotes sustained development with increased productivity that does not damage the fertility of soil.

The natural environment is preserved alongside an increase in wholesome food production, with a reasonable certainty that these levels can be maintained year after year.

"The replacement of livestock by artificials is always followed by the moment the original store of fertility is exhausted."

– Sir Albert Howard

