

# JOURNEY OF A RE-WRAP BAG



## STAGE 1 - PRODUCTION

### Cultivation

(Quantification for 1 Acre)

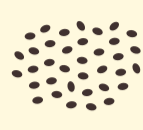
**Assurance for transparency**  
Fair Trade, GOTS, Organic Certification

### Inputs

- Green Water – Rain fed
- Cotton Seed Non-GMO 1 kg
- Organic Nurturing – Neem Oil / Ash
- Enriched Compost and Farmyard Manure – 5 Tonnes
- Stick Traps – 6 Birds
- Intercrop  
Cow, Pea, Black gram, Marigold, Ladies Finger, Castor, Red Gram as trap crops, Maize and Jowar as buffer crops
- Dignified Human Effort  
Ploughing, planting, manuring and deweeding



Green water (Rain Fed)



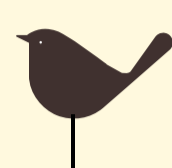
Cotton seeds (Non GMO 1 kg)



Organic nurturing (Neem oil / Ash)



Enriched compost & farmyard manure (5 tonnes)



Stick traps (Birds)



Intercrop (Cow pea, Black gram, Marigold, Okra, Castor, Red Gram as trap crops. Maize and Jowar as buffer crops)



Dignified human effort (Ploughing, planting, manuring & deweeding)

### Avoided Inputs

- GMO seeds 5 to 10 kgs
- Blue water 500mm
- Energy – Pumping water KWH
- NPK (Fertilizer) 100 kgs or more
- Weedicide, Pesticide, Insecticide and Defoliant
- Plastic containers
- 8500 INR – Expenses / Purchase Bills



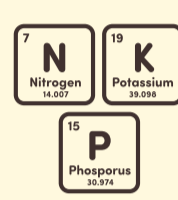
GMO seeds (5-10 kgs)



Blue water (500mm)



Energy (Pumping water KWH)



Nitrogen, Potassium, Phosphorus (100 kgs or more)



Weedicide, Pesticide, Insecticide, Defoliant



Plastic containers



Expenses / Purchase bills (8500 INR)

### Outputs

- Organic 5000 cotton plants plus Cow pea, Black gram, Marigold, Ladies finger, Castor, Red gram, Maize and Jowar



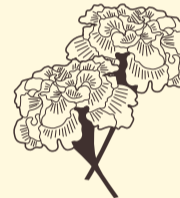
Organic 5000 Cotton plants



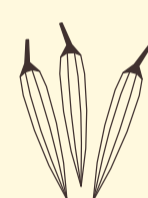
Cowpea (Black eyed peas)



Black gram



Marigold



Okra



Castor



Red gram



Maize



Jowar (Sorghum)

### Impact - Economic (Income generation)

- Enhanced income via farm animals and secondary crops
- Zero purchase bills NPK, Fertilizers, Pesticides and Weedicides



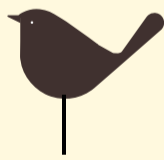
Enhanced income via farm animals and secondary crops



Zero purchase bills (NPK, Fertilizers, Pesticides and Weedicides)

### Impact - Environment

- Biodiversity  
Natural pest repellents using intercropping, birds and Non-gmo seeds
- Water Quality  
No eutrophication, acidification or nitrification, no ground water (blue water) requirement
- Soil Conservation  
Optimum water usage, no contamination from heavy metals in pesticides, pest repellants
- Waste  
No plastic and wastewater
- Air-Low Carbon Agriculture  
No ozone depletion and air pollution



Biodiversity  
Natural pest repellents using intercropping, birds and non-gmos



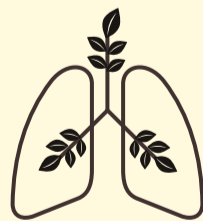
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Soil conservation  
Optimum water usage, no contamination from heavy metals in pesticides, pest repellants



Waste  
No plastic and wastewater



Air-Low carbon agriculture  
No ozone depletion and air pollution

### Impact - Social

- Community Enhancement (FPO)  
Organizes all small hold farmers (within 1-2 acres) under one roof and provides Facilities, Training, Knowledge transfer, Market exposure, Community development, Collective bargaining in the market place. Basically empowering small hold farmers.
- Minimum Wages Assured
- Significantly improved health benefits / no accidental poisoning
- Contractual Transparency



Community Enhancement (FPO)  
Farmer Producer Organisation



Significantly improved health benefits (No accidental poisoning)



Minimum wages assured



Contractual transparency