



WELCOME

## BLACK SOLDIER FLY FARMING

DISCOVER HOW OUR PROJECT BACKED BY REAL-WORLD SUCCESS STORIES, FROM FARMERS OF AQUACULTURE, FISHERIES, ALL LIVESTOCK REARS, IT FAVOURS THE ECO-FEED FOR THE ALL LIVE STOCK, THIS PROJECT PITCH DECK GUIDES YOU THROUGH UNLOCKING A WORLD OF VALUE AND FUTURE GROWTH.

presented by :  
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& Team

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# Introduction

## NORTH FARMER



Aquaculture & poultry farmers in North India have faced severe financial losses, mainly due to the high cost of commercial fish feed, which accounts for nearly 60–70% of total production cost. Additionally, BSF farming promotes efficient organic waste management, environmental sustainability, and the principles of a circular economy. Establishing a Black Soldier Fly larvae production unit offers a cost-effective, eco-friendly, and income-generating solution that can help revive aquaculture in North India while simultaneously supporting poultry and livestock feed requirements. In poultry and livestock farming, BSF larvae provide a nutritious and easily digestible protein source that supports better growth and overall health.

## SOUTH FARMER

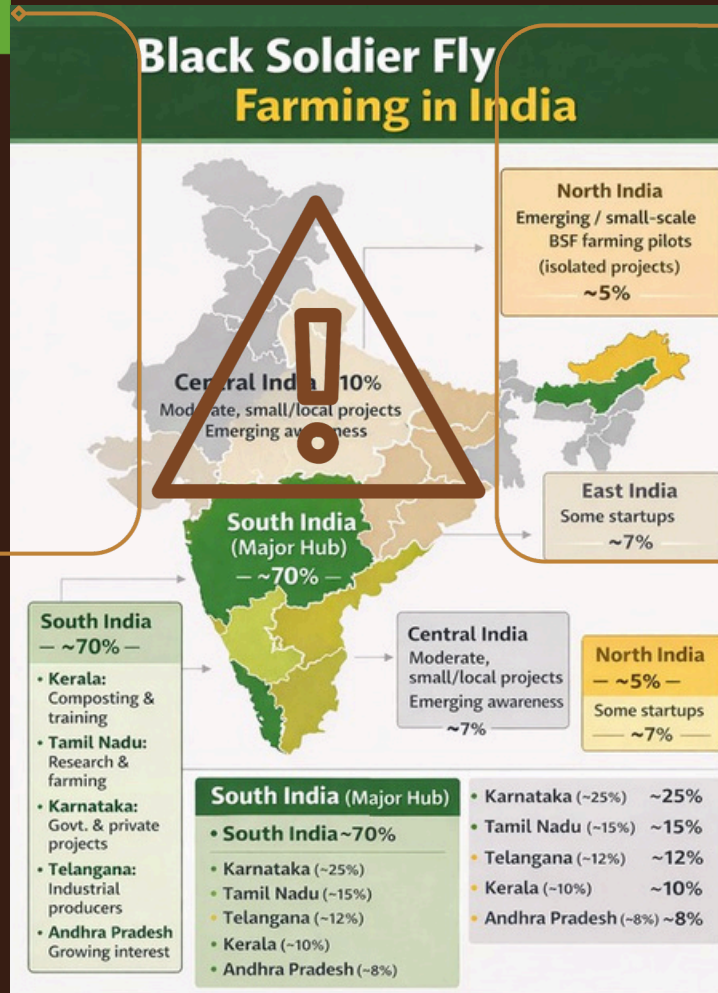


## ABSENCE IN NORTH INDIA

Lack of Awareness about bsf farming and its advantages & Technical Knowledge, Dependence, Conventional Feed Systems, Limited Research & Demonstration Unit, High Initial Perception of Risk, Policy & Regulatory Gaps, Policy Limited Local Supply Chain

## UN MANAGED ORGANIC WASTE

- Large quantities of vegetable, fruit, and market waste
- Poor segregation and disposal
- Leads to foul smell, pests, greenhouse gas emissions
- ➔ Waste is treated as a burden, not a Resource.



## HIGH INVESTMENTS ON FEEDING

- BSF High Dependence on Commercial Feed Lack of Nutritional Knowledge
- Small-scale farmers invest in large feeding volumes without matching larvae density. High Cost of Poorly Selected Feedstock
- Lack of Nutritional Knowledge
- High Investment, Slow Cost Recover
- BSF farmers fail when they do not use organic waste

## LOW PROTEIN FEEDING

ALL livestock feeders—including poultry growers, fish farmers, pig rearers, and small-scale livestock owners—commonly use low-cost, low-nutrient feeding materials instead of balanced, high-protein feeds such as BSF larvae.

# Solution Overview

## LETS PRACTICE IN NORTH

Bsf farming awarnes among the people  
Use Local Organic Waste give as feed  
preparing proper feed shedule Winter-  
Specific Management (North India Focus)  
Correct Larval Density Balanced Feed  
Formulation Harvesting at Right Stage

## CREATE DEMAND OF FEED

Educate Feed Dealers & Local Influencers  
Focus First on Fisheries (Fastest  
Adoption) Do On-Farm Demonstration  
Trials (Very Important "Save ₹5-10 per  
kg feed without reducing growth")  
Gradual Entry into Poultry & Livestock  
Certi fications & Lab Reports Use Loss  
Stories to Sell BSF



## DECRASE LOSS RISK

Use Organic Waste, Not Commercial Feed  
Gradully Start Small, Scale Climate  
Management (Critical for North India)  
Proper Feeding Practices  
Maintain FeedQualityConsistency Control  
Larval Density Strong Hygiene &  
Biosecurity Harvest at Correct Stage  
Secure Market Before Scaling Training &

SOP Adoption

## PRODUCE HIGH PROTIEN

BSF (Black Soldier Fly) high-protein  
products include defatted BSF meal (55-  
65% protein), BSF protein powder (60-  
70%), and hydrolyzed BSF protein  
(70%+)Defatted BSF meal is widely used in  
poultry, fish, and shrimp feed due to high  
protein and good digestibility.  
These products are sustainable alternatives  
to soybean meal and fish meal.



# competition analysis Page

## Competition Landscape of BSF Farming in North India

### Limited Direct Competition

- **First-Mover Advantage**  
Few active BSF producers in North India means minimal local competition and a strong **first-mover advantage**



### High Dependence on Conventional Feed

- **Gap in Local Supply**  
Farmers rely heavily on expensive fish meal and soybean meal, mostly **imported**

### Opportunity for Local BSF Feed Producers

### Limited Direct Competition

- **First-Mover Advantage**  
Few active BSF producers in North India means minimal local competition and a **strong first-mover advantage**



### Underserved Local Markets

- **Regional Growth Potential**  
Small-scale BSF units can utilize local organic waste and engage community **partnerships**



# Market Opportunity

It creates great market efficiency that has more favourable for consumers like aqua & poultry farmers, because of 24 -27 % protein content , high amino acids , it is naturally adapted for ecosystem .



VALUE ADDITION & PRODUCTS SELLING



EXPORT & FRANCHISE MODEL

BULK FEED MARKET DEMAND

COMMERCIAL POULTRY AND AQUACULTURE BUYERS

HIGH-VALUE DRIED LARVAE MARKET

ORGANIC MANURE AND FRASS MARKET

FEED MILLS & INTEGRATOR TIE-UPS



DIRECT SALES + BULK SUPPLY AGREEMENTS

# PROJECT UNIT & PRODUCTS



WASTAGE FROM MUNICIPAL AREA



BSF UNIT



100/-

FRESH LARVAE



300/-

DRY LARVAE



Fresh BSF Larvae

Dried BSF Larvae

BSF Protein Meal

BSF Frass

PROCESSING PRODUCTS



10/-

MANURE



CONSUMERS & B2B SALES

# METRIC CHASE

THIS IS HOW WE WILL FUEL OUR GROWTH FOR  
THE NEXT COUPLE OF YEARS

1st year

INITIAL COST +  
FIXED COST+  
OPERATIONAL  
COST

INVESTMENT- 1 CRORE

MONTHLY SALES - 15 LAKHS

ANNUAL SALES 1.80 CRORES

NET PROFIT- 80 lakhs

2<sup>nd</sup> year

PROJECT  
EXPANDING  
COST+  
OPERATIONAL  
COST

80 LAKHS

29.17LAKHS

3.65 CRORES

90 lakhs

3rd year

PROCESSING  
UNITS +  
OPERATIONAL  
COST

70 LAKHS

34.17 LAKHS

4.10 CRORES

1.5 CRORES

4th year

Setting  
branches &  
spreading  
over country

60 LAKHS

35 LAKHS

4.20 CRORES

3.5 - 4.0 CRORES

# ASK AND USE OF FUNDS

ASKING FUNDS : FOR 4 YEARS 3.1 CRORES  
REVERSLE OF INVESTMENT IN 22 -24MONTHS

INITIAL INVESTMENT , INFRASTRUCTURE , LAND  
,SHED , REARING HOUSE , CONTROLLING  
SECTION , PACKAGING,



WASTAGE SEGRIGATION UNIT, LARVA REARING  
INSTRUMENTS , HUMAN POWER, MACHINERY  
POWER ,

DEVELOPING PROCESSING UNIT , MARKETING SALE  
OFFICERS, BRAND PROMOTINGS ,AWARNNESS  
CAMPS & PROJECT DEMOS

SETTING THE STORAGE GODOWNS , LABS FOR  
QUALITY CHEQUES

OUR PROJECT GOAL IS REACHING THE 15 CRORE PROFITS IN 4YEARS

# TEAM



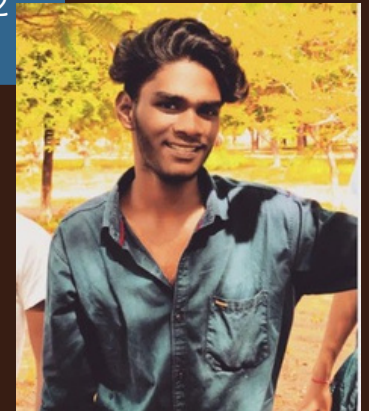
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S.NAVEEN KUMAR TEAM MEMBER

- Sustainable Protein Production
- Waste Management Solution
- Animal & Fish Feed Source



**TURNING WASTE INTO  
SUSTAINABLE PROTEIN!**



*Thank You*

Your interest shows your dedication to quality, and we are enthusiastic about the possibility of collaborating. Please do not hesitate to contact us if you have any inquiries or want to discuss the next steps.

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