5 IMPORTANT STEPS TO TAKE WHEN STARTING AN INSECT FARM



1. KNOW YOUR INSECT

MARNINA INSECT

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What are the potential use cases, business cases and the market for your chosen end products? What is the insect best at? Do you need to learn biology or is it enough to understand the production and business side of things?



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2. CAREFULLY CALCULATE AND INVESTIGATE THE BUSINESS OPPORTUNITY



Output ratio is highly dependent on the quality of the biowaste

Organic waste: estimated capacity 9 tn / month /	INPUTS		
Manna 20ft BSF farming	Amount of biowaste	9	tn/month
module	Biowaste price for you	0	Sitz
Labor: loading and	Labor cost	0,0	\$h
unloading is average of 2-	Electricity cost	0,00	\$kWh
3 labor hours / ton in Manna process with	BSF egg price	0,5	\$' <u>5</u>
professional equipment	ESTIMATED SALES PRICES		
Power consumption:	Live larvae price	350	\$.tn
average power	Dried larvae price	1000	Sitn
consumption is 800W/h in warm climates	Organic fertilizer price	450	Stn
Amount of BSF eggs: roughly 30-50g/tn. Standard: 45g/tn	OUTPUTS	Calculate Reset	
Price of eggs is	MONETARY VALUES		
calculated based on Manna breeding container. Standard: 0.50 \$/g	COSTS		
Dried larvae is normally 1/3 of it's original weight	INITIAL INVESTMENT The level of investment is contingent upon factors such as the quantity of Manna MIND units, the size and material of the module frame and insulation, the processing equipment, and the specific requirements. For a comprehensive package including one Manna 20ft BSF farming module, along with professional		

Estimate the inputs, outputs, different business cases and investment needs before committing to any farming setup just yet. Do you know the OPEX and CAPEX of different setups?

ing, the estimated price falls within the range of 12,000 to 18,000 USD



3. INVESTIGATE YOUR COMPETITION AND THE POTENTIAL SALES CHANNELS

Being the first to market or the only one doing something is an illusion.

You either just haven't researched the market deep enough yet, they might be in stealth mode, following close behind, or you're competing with solutions from another country / industry / production.



Competition is good, it verifies the market potential. Don't be afraid of it, learn from them and do things better.

4. BASED ON YOUR BEST KNOWLEDGE OR GUESS, CHOOSE YOUR BUSINESS MODEL AND SETUP, AND START DOING!





You might want to start with training or business case consulting, but it is time to take the first actual step towards producing insects.

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Whatever you plans are for the future, no matter how big or small your plans may be, **start small!** It's just so much easier and cheaper to fail or fix the issues in small scale...



Once you have successfully farmed 2-3 rearing cycles with minimal setup, it's time to scale up

5. SCALE UP! ACCELERATE YOUR BUSINESS TO FULL SPEED, SLOWLY BUT SURELY.





If you started with 1 or 2 trays, scale up to 10 or 20. Measure everything!

Once you're successfully farming this set up, grow the production step by step and follow closely the bottlenecks. Fix the issues and keep scaling.

Data will guide you all the way towards your dream production size.

READY TO START? WE'RE HERE TO HELP.

MANNA INSECT – YOUR FAST-TRACK TO PROFITABLE INSECT FARMING!

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