



Torque Shield

Registered in MSME

Contact Details:

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Production of eco-friendly agricultural products

TEAM:

- I'm gathering needed ingredients to make a new formula to create a new organic pesticide.
- I have a good theoretical knowledge in agriculture and practical knowledge in marketing and production.
- Actually, I'm an individual team in this competition. There is no other team member in this team. So I'm taking all responsibility for this competition.

The Issue or Pain Point that your Product/Solution Address:

- For few years, Farmers using the chemical pesticide that could be act as harmful to soil and plants as well as living organisms.
- Unlike other pesticides, we are trying to make our products have null presence of carcinogen or other toxic reagents.
- We can assure that our product won't harm the soil and environment.
- If they use chemical pesticides more the period of time, it would reduce the lives of earthworm that can affect the farming. Because, as we knew earthworms can contribute the fertility of soil.

Product/Technology Overview:

- ❑ The formula Solution developed and derived for organic pesticide. So all the ingredients are obtained through natural process of manufacturing unlike adding certain chemical substances.
- ❑ It will surpass certain chemical pesticide products in their effectiveness and performance as pest repellent.
- ❑ The service I can provide will affordable to every customers whom approach me and listen to their request or feedback, I can give better solution than before with my knowledge.

Business Model:

- I established this company for my passion for agriculture and farmers. So with my knowledge and product, I will create a business bond between me and farmers.
- I will create the organic pesticide with good effectiveness and affordable prize.
- The benefits of product will be eco-friendly and the effectiveness will surpass the certain chemical pesticides.

Size of the Market opportunity:

My product will launch for farmers, so I like to launch in rurales and urbans to develop my company marketing in that particular areas.

According to www.tnhorticulture.tn.gov.in, the areas used for only plantation crop was 7,01,027.00Ha and production was 57,50,472.02MT in 2020-21.

According to www.tnhorticulture.tn.gov.in, the abstract of total areas and total production used were 15,28,612.28Ha and 2,06,39,511.60MT in 2020-21 .

Regarding my observation from www.tnhorticulture.tn.gov.-in, I have an opportunity to use if I can perfectly move the steps in my business career.

For example; The area more or less of 15,28,612.28Ha using for agriculture, if anyone approach for product with 5Ha. I will provide my good support with my product.

Current Traction:

- ❑ I'm trying to make an organic pesticide which may have the same potential power of certain chemical pesticide and also just like them it won't harm the soil fertility. Pest control is the important mission for this product, no need to kill the pests.
- ❑ I have already made progress in creating the organic pesticide and sent it to the pesticide testing laboratory in Coimbatore, Tamil Nadu.
- ❑ Regarding the test, the result was not as expected, so I'm trying to create a better one with our formula.

The report:



Greenleaf Testing Laboratory

Site No 8A, Shobanagar, Avarampalayam,
Coimbatore - 641 006, Tamil Nadu.

☎ 94867 28436, 83009 09727 ✉ Email : greenleaftestinglab@gmail.com

TEST REPORT

REPORT NO: GTL/2023/01534

Date: 03.05.2023

ISSUED TO:
Vikram,

Sample Reg. No (TRF)	: 018	Received on	: 28.04.2023
Sample Name	: Fertiliser	Commenced on	: 02.05.2023
Sample code	: GTL-1534	Completed on	: 03.05.2023
Sample description	: Brown colour liquid in plastic bottle	Sample submission type	: Courier
Sample quantity	: 500 ml	Sampling done by	: Customer
Customer reference	: -	Sample condition	: Ambient, Good

RESULTS


S.NO	PARAMETER	UNIT	RESULTS	TEST METHOD
1	Total nitrogen	%	2.71	FCO,1985
2	Iron	mg/L	55.76	FCO,1985
3	Sulphur	%	2.31	FCO,1985

**** END OF REPORT****

For Greenleaf Testing Laboratory


Verified by




Authorized signatory
(Dr. M. Deepa)
(Quality Manager)

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Disclaimer:
The test results related only to the item tested/ submitted sample only.
The test report shall not be reproduced in full or part without the written approval of GTL, Coimbatore.
Samples shall not be retained for more than 15 days from the date of the issue of test report in the case required by the regulatory bodies and customers.

Competitive Landscape:

- Eco-friendly agricultural products launched by our competitors which will be the critical point. When I get hard competition, we will improvise our business strategy against the other competitors also I will develop the product based on efficiency.
- I will make assurance that product will be affordable and eco-friendly. It will be acts as efficient pest repellent.

Financials Current and Projections:

Company Name	Torque Shield		
PREPARED BY	Vikram R		
DATE	28/07/224		
Expenses Analaysis			
Requried Funds	Year 1	Year 2	Year 3
Advertising	\$ 20,000	\$ 25,000	\$ 30,000
Furniture and equipment	\$ 10,000	\$ 5,000	\$ 5,000
Rent	\$ 95,000	\$ 95,000	\$ 95,000
Machine Required	\$ 55,000	\$ 45,000	\$ 40,000
Maintanace Repairs	\$ 5,000	\$ 5,000	\$ 5,000
Employee Salary	\$ 1,00,000	\$ 1,20,000	\$ 1,40,000
Total	\$ 2,85,000	\$ 2,95,000	\$ 3,15,,000

Funding Needs, Use of funds & proposed valuation:

- I need the investor to provide the financial support for purchasing required machine & tools.
- With financial support whom have showed interest in my solution, I can get a revenue to launch the 1st product.
- So to do that I needed the investor for fund.

Current Equity Structure, Fundraising History and Investors:

- I have been invested in my solution to took the pesticide test that could be proved my solution
- As for my invest, I have spend amount of 3K for pesticide testing.
- There was no history of funding & investors.

Exit Option:

- I will complete my debt to my investor after successfully launched & gain the profit & moment in the field of my business. I can assure that so I will pay back when the product will launch successfully.
- I will slowly take care of situation to do the right thing.