



**Fiji
BUSINESS
EXCELLENCE
AWARDS**



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BUSINESS
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Future Farms Pte Limited T/A Rooster Poultry

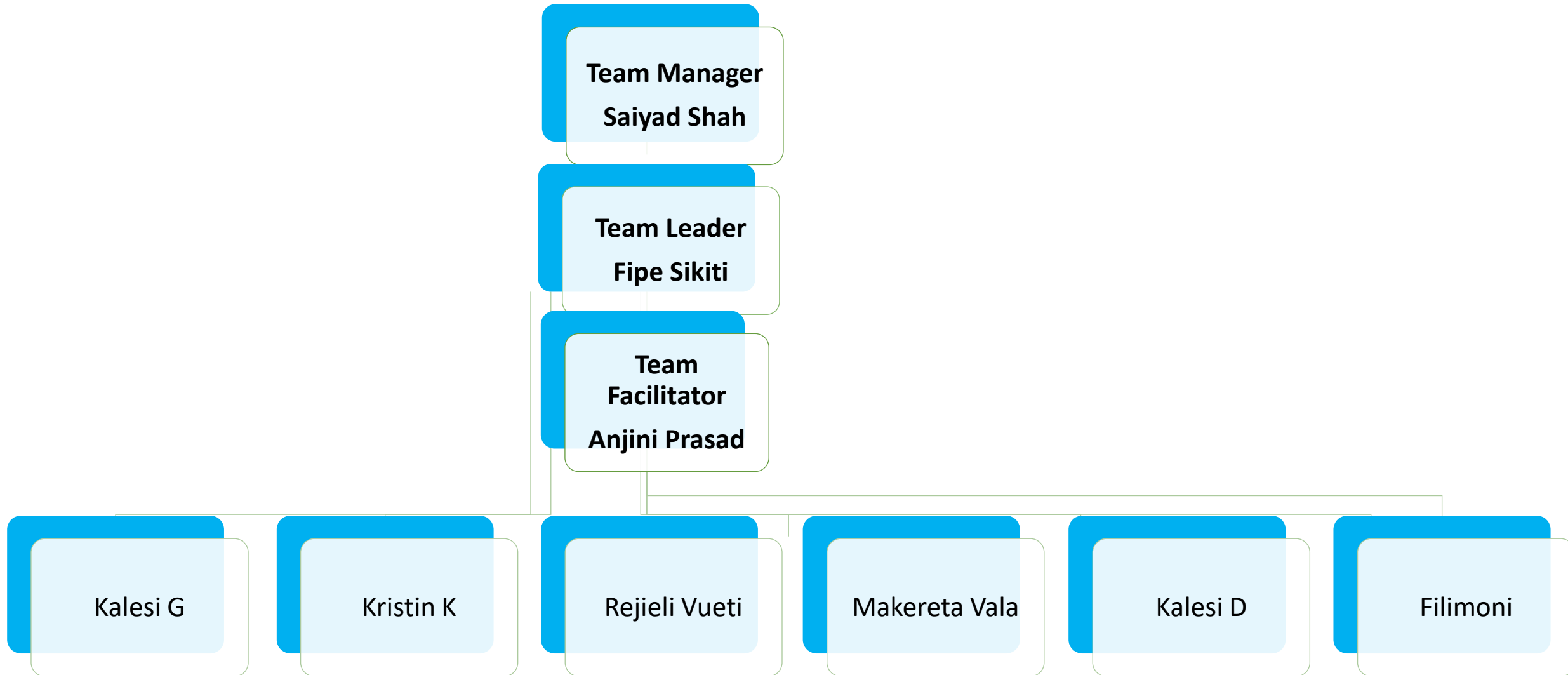
**2023 National Quality and Innovation Conference
3rd Team Excellence Competition**

THEME: Innovations for Higher Productivity

TEAM YAVANA



Team Members



MISSION

**To be productive
when it comes to
producing quality
chicken feet**

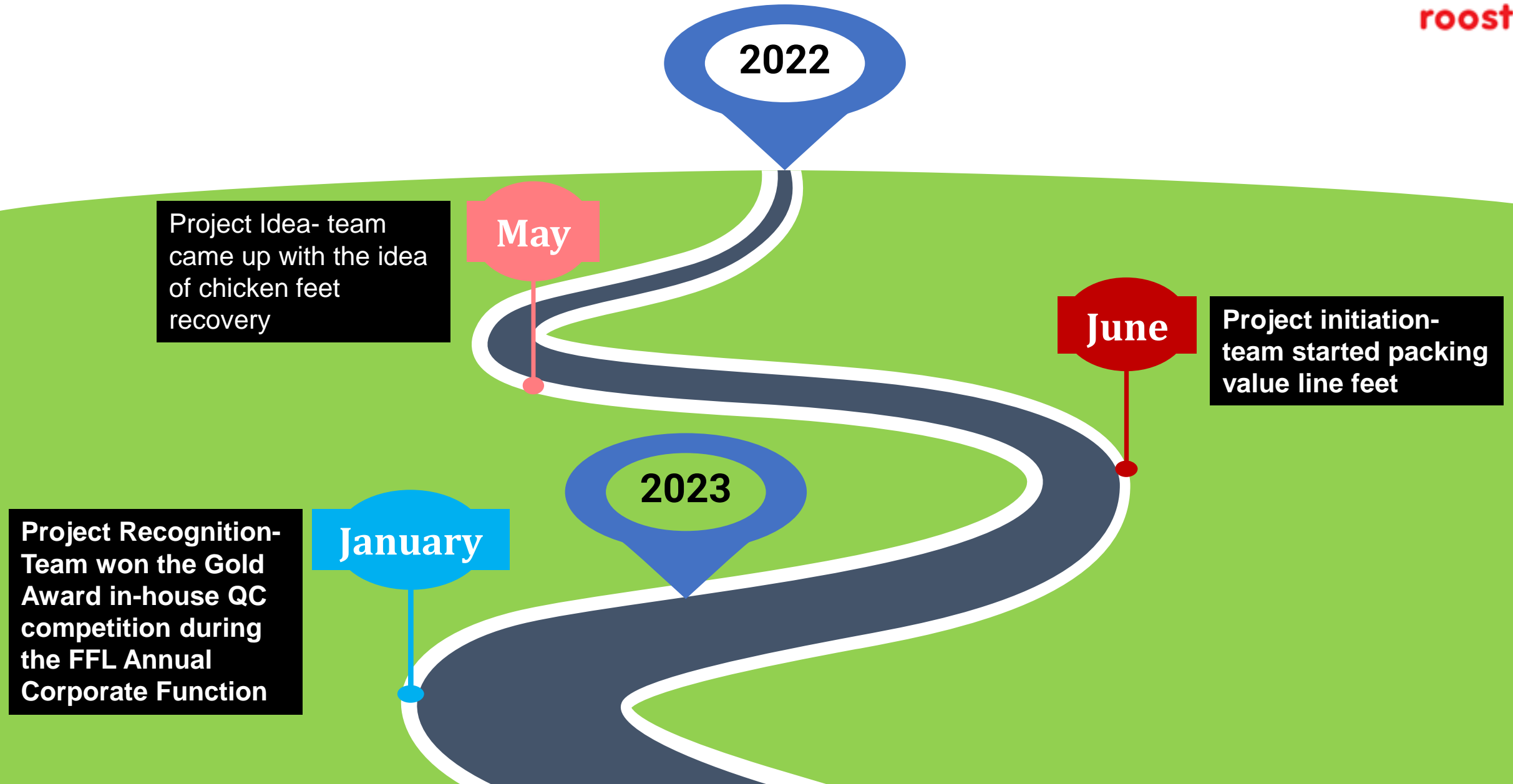
VISION

**Work Smarter
& Together**

VALUES

- ✓ **Team work**
- ✓ **Quality**
- ✓ **Integrity**
- ✓ **Innovation**
- ✓ **Professionalism**

TEAM JOURNEY

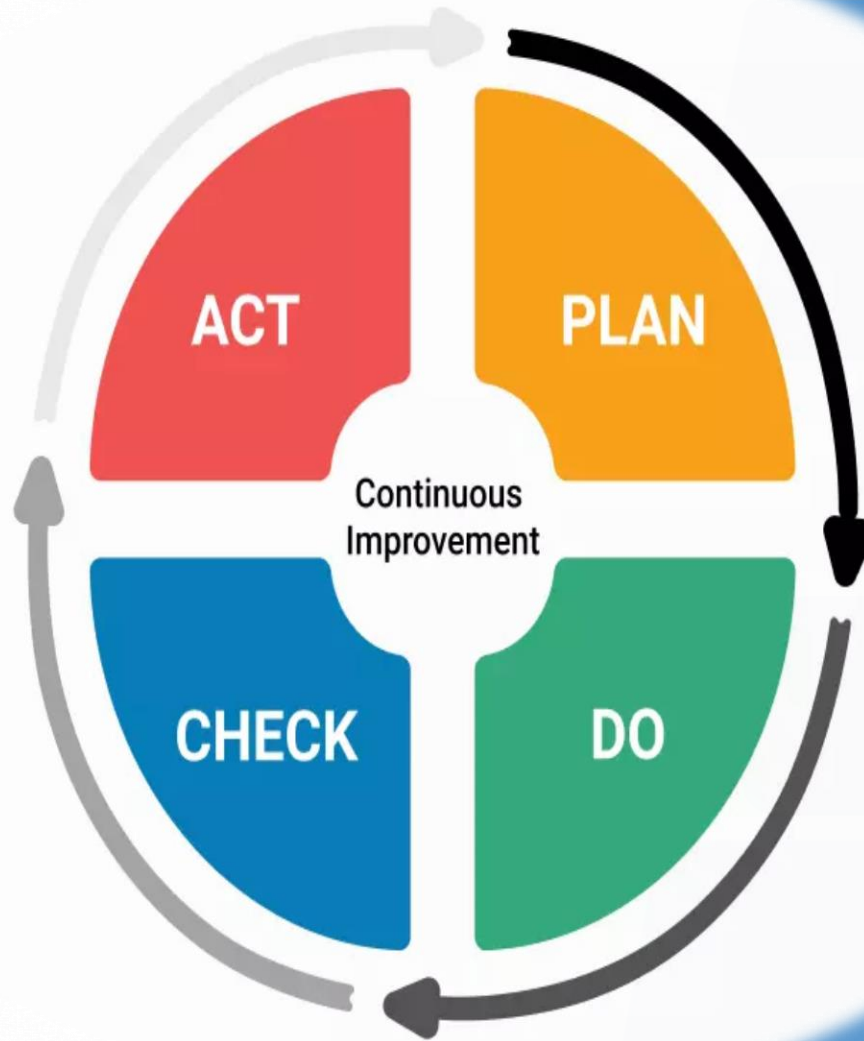


BRAINSTORM



- Gantt Chart
- Decision Matrix
- Fishbone Analysis

Plan Stage



PROBLEM IDENTIFICATION

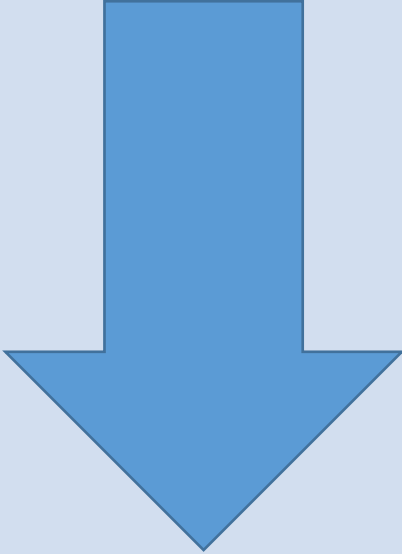
PROJECT SELECTION

PLANNING PROJECT
JOURNEY

DATA COLLECTION

TARGET SETTING

PROBLEM LOG

ISSUES HIGHLIGHTED	WHAT CAN BE DONE?
High Feet Wastage	 REDUCED
Water Shortage	
Staff Resourcing	
Space Optimization- CAPEX	
Minimizing Overall Quality Issues	

DECISION MATRIX



CRITERIA/PROJECT TYPE (Benefit Ranking 1-5)	EASE OF IMPLEMENTATION	SKILLS AVAILABILITY	EFFECTIVENESS & EFFICIENCY	PRACTICALITY & VIABILITY	TOTAL	RANKING
SCORE	1-5	1-5	1-5	1-5		
Reduce feet wastage	4	5	4	4	17	1
Creating extra water source.	1	3	4	2	10	5
Recruit extra staff for efficiency	3	3	4	4	14	3
Seeking approval for upgrade	2	3	4	3	12	4
Improving on overall quality issues	3	5	4	3	15	2

Rating: 1- Very low; 2- Low; 3- Medium; 4- High; 5- Very high

PROJECT IDEA : **REDUCING FEET WASTAGE**

GANTT CHART



PDCA	Company Name	Future Farms Limited T/A Rooster Poultry					
	Project Year	2022					2023
	Months	April	May	June	July-Oct	Nov-Dec	Jan-Till Date
	Project Task						
PLAN	Problem Identification						
	Project Selection						
	Data collection						
	Target Setting						
DO	Implementation of action plan						
CHECK	Result evaluation						
	Comparison						
ACT	Standardization						
Review & Sustainability							

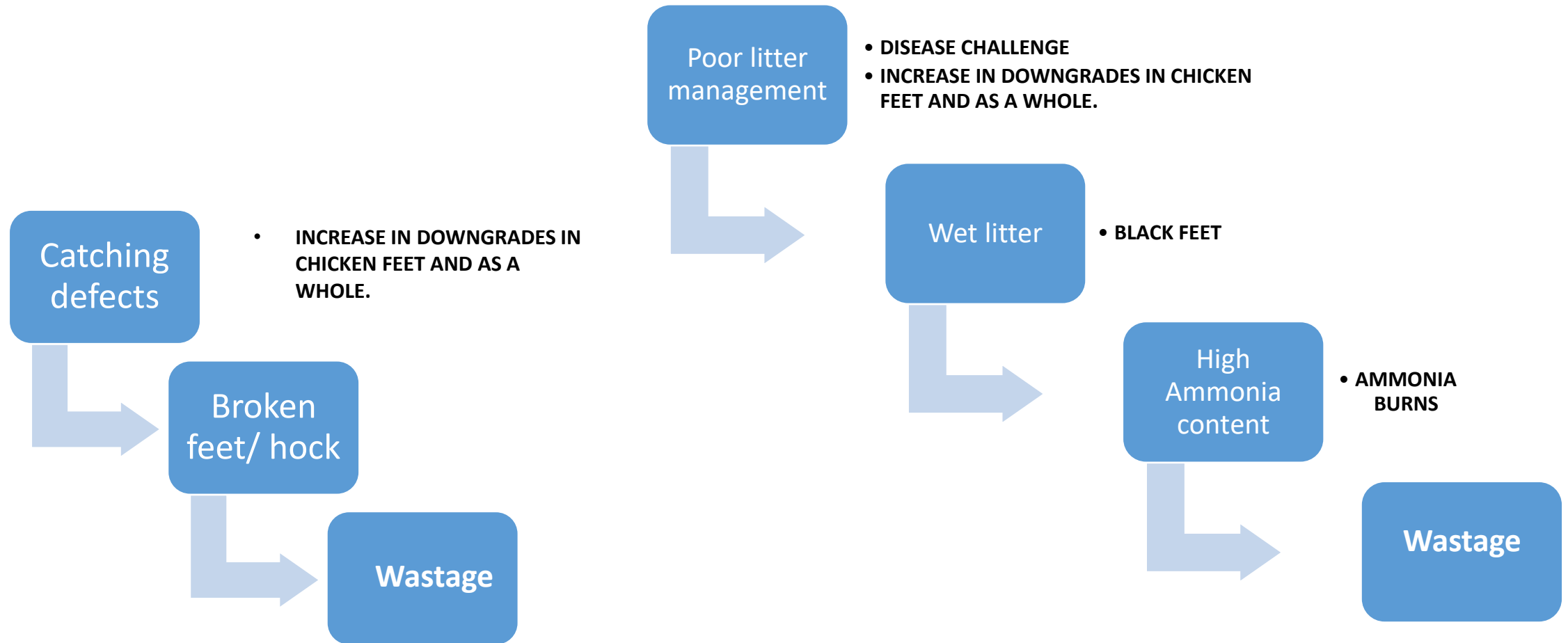
Data Collection



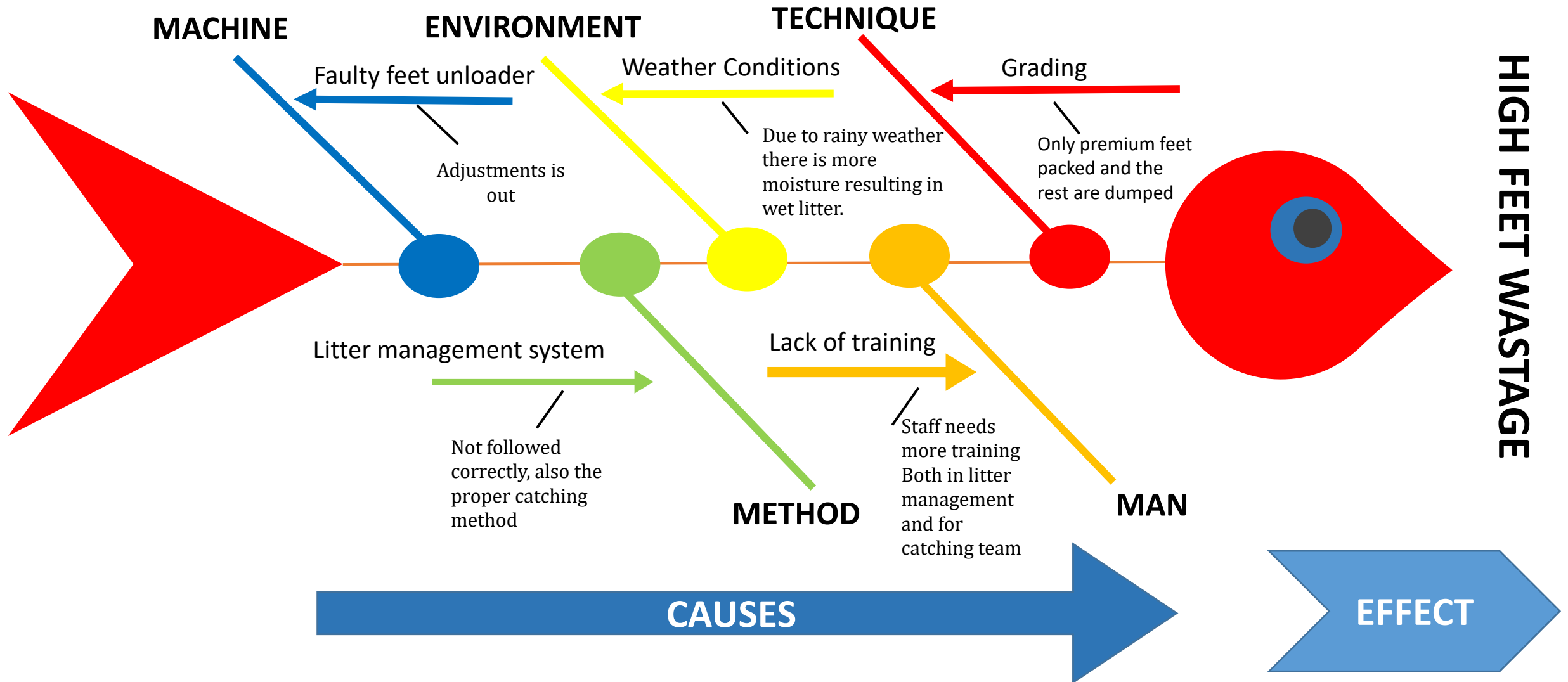
Month	2021			2022		
	Wastage (kg)	Total (kg)	Wastage (%)	Wastage (kg)	Total (kg)	Wastage (%)
Jan	5197	20642	25	2065.9	27230.9	8
Feb	3473.9	20338.9	17	3871.1	23421.1	17
Mar	4193.1	23363.1	18	3203	26223	12
Apr	4969.2	24127.2	21	3519.2	27509.2	13
May	2862.3	23778.3	12	2160.9	25060.9	9
June	2391.5	24381.5	10			
July	1290	21885	6			
August	1094.1	24694.1	4			
September	900.2	21460.2	4			
October	4080.8	26340.8	15			
November	3239.4	25824.4	13			
December	1012.7	27309.9	4			
TOTAL	34,704.20	284,145.40	12.21	14,820.1	129,445.1	12

Comparing the total feet lost as wastage from 2021 January to 2022 May is 49.5 tons which is equivalent to 12% of the total feet produced.

Main Causes of Feet Wastage



FISHBONE ANALYSIS



ANALYSIS

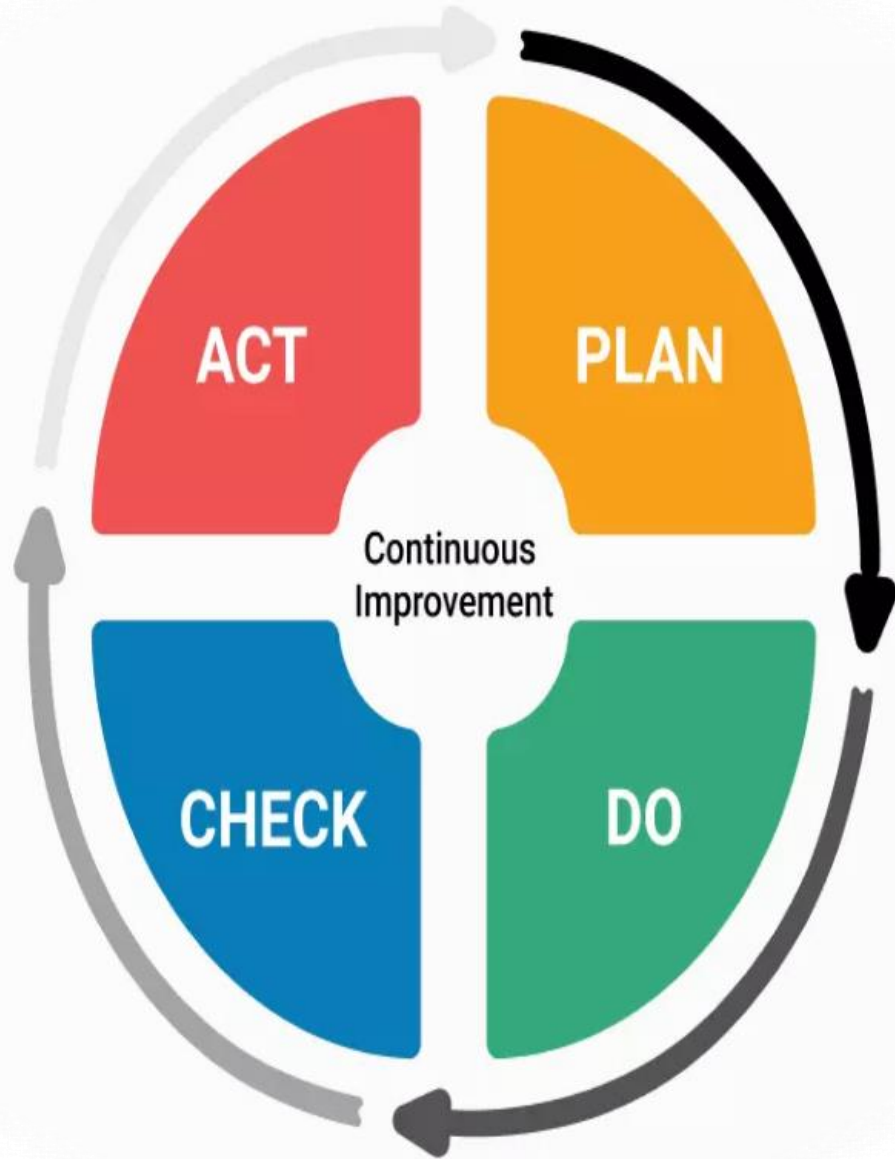


CAUSES	DESCRIPTION	PROBLEM	CORRECTIVE ACTION
METHOD	- Litter management system	- Not followed correctly, also the proper catching method	- Ongoing corrective management system.
MAN	- Lack of training	- Staff needs more training Both in litter management and for catching team	- Proper training given to staffs on the litter management & proper catching method
MACHINE	- Faulty Feet Unloader	- Adjustments is out	- Regular checks and adjustment in place
ENVIRONMENT	- Weather conditions	- Due to rainy weather there is more moisture resulting in wet litter.	- Proper ventilation and heater provided when cold season
TECHNIQUE	- Grading	- Only premium feet packed and the rest are dumped	???

BRAINSTORMING



***WHAT CAN WE DO TO REDUCE
FEET WASTAGE & IMPROVE
YIELD?***



DO STAGE



Implementing the
idea

What we did as a Team?



- Graded the feet according to tolerance level $\leq 10\%$
- A formal email was sent to Head of Production and discussions were had in the Executive meetings.
- Once the Head of Production gave a green light and to initiate the project we did a sensory evaluation.
- We then started packing the Value Line feet.



PROJECT TITLE

***Value Line Chicken
Feet***

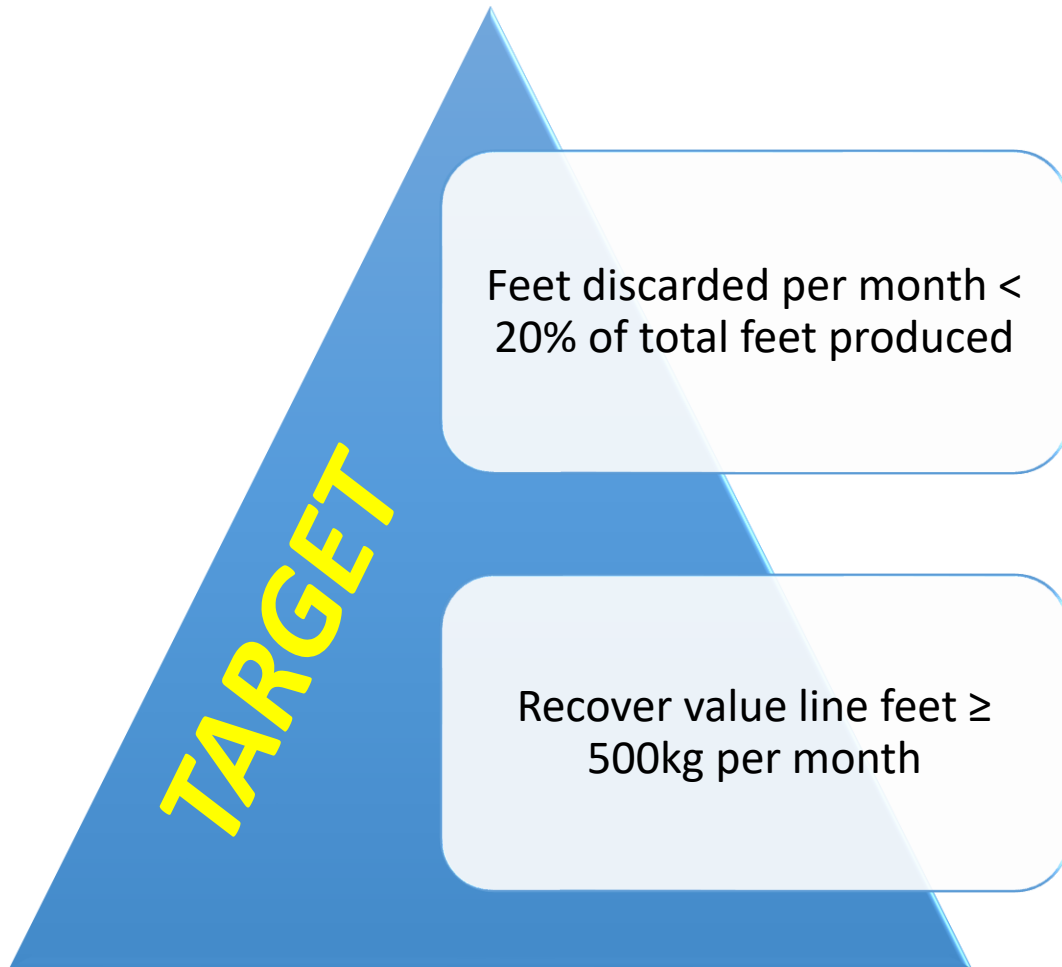
Our New Product:



**Packed in 2kg pack
Price is \$4.80/pack
Cheaper than
premium pack \$6.30
for 2kg.**

**The product is packed in a
bag with 6 packs in it with a
total of 12kg/ bag**

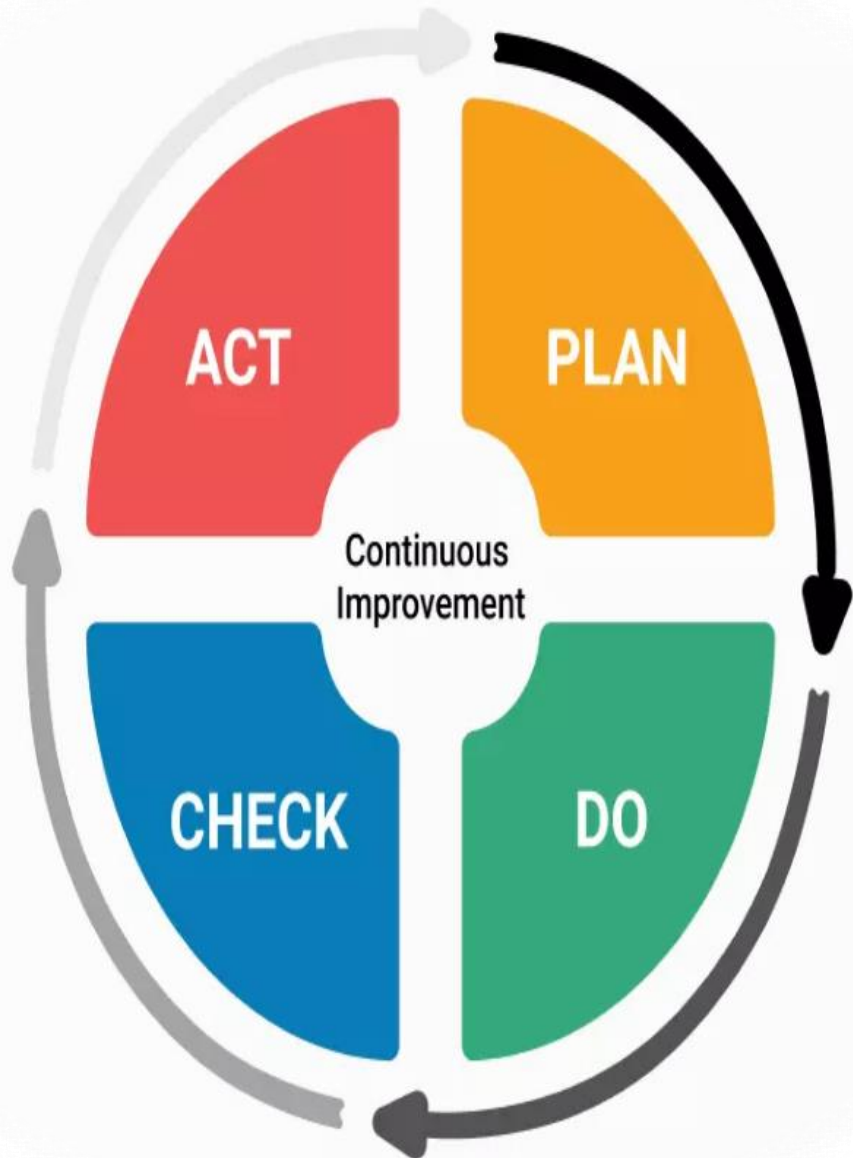
Target Setting



DISCARDED FEET	
MONTH (2022)	FEET (KG)
January	2065.9
February	3871.1
March	3203
April	3519.21
May	2160.9
June	2611.9
Average feet discarded/month	2905.34

Team chose to recover more than 500kg VL feet looking at the average feet discarded per month from Jan-Jun. Team decided to recover 17-20% of feet discarded/ month based on initial trials.

CHECK STAGE



Measure The Effectiveness Of The Solution

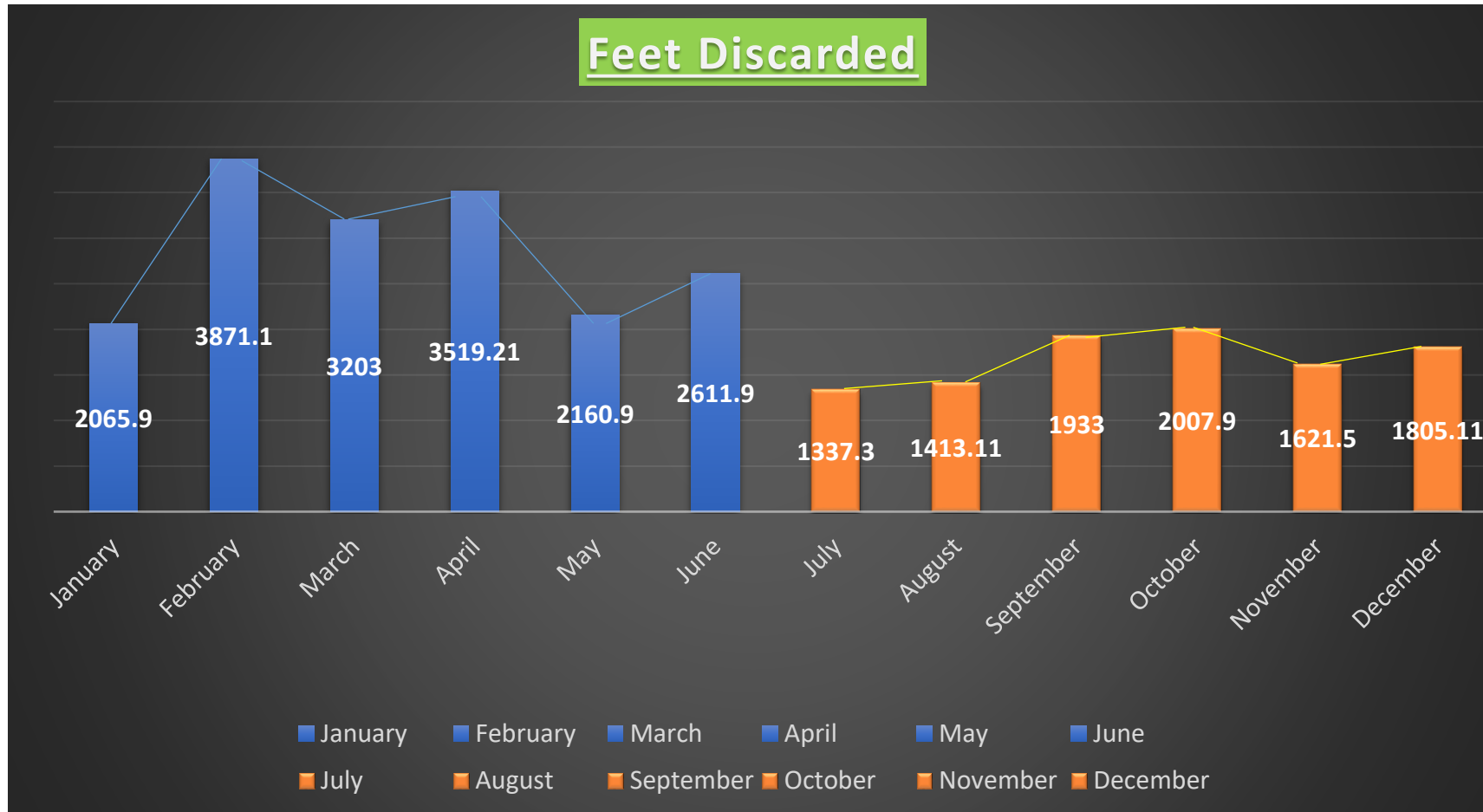


Analyze The Results

RESULT COMPARISON



Feet Discarded



WASTAGE 2022	
MONTH	FEET (KG)
January	2065.9
February	3871.1
March	3203
April	3519.21
May	2160.9
June	2611.9
July	1337.3
August	1413.11
September	1933
October	2007.9
November	1621.5
December	1805.11
TOTAL	27549.93

After implementation of the project there was a decrease in the feet wastage from July till December by 4.43%.

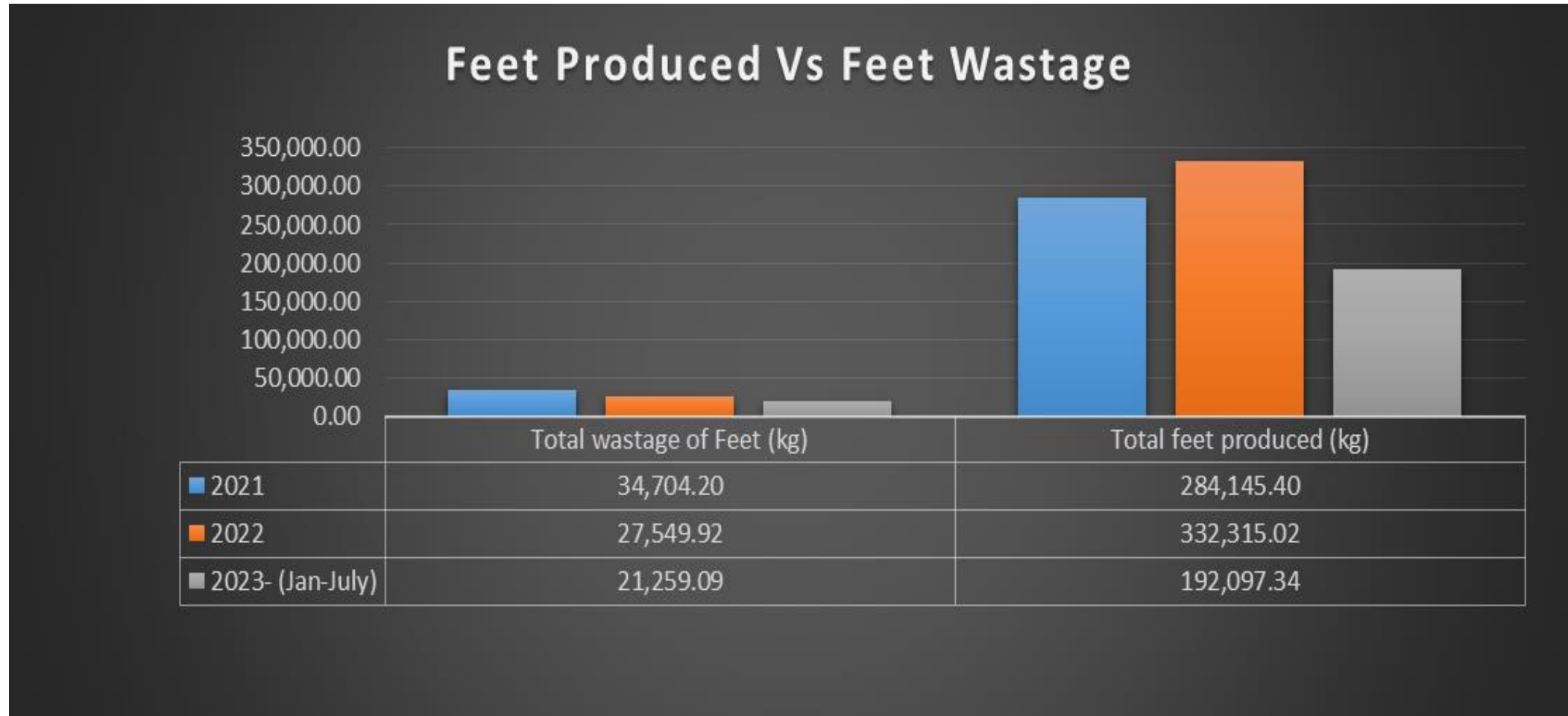
RESULT COMPARISON



Month	2021			2022			
	Wastage (kg)	Total (kg)	Wastage (%)	Value line (kg)	Wastage(kg)	Total (kg)	Wastage (%)
Jan	5197	20642	25		2065.9	27230.9	8
Feb	3473.9	20338.9	17		3871.1	23421.1	17
Mar	4193.1	23363.1	18		3203	26223	12
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May	2862.3	23778.3	12		2160.9	25060.9	9
June	2391.5	24381.5	10	36	2611.9	23603.9	11
July	1290	21885	6	1584	1337.3	24571.3	5
August	1094.1	24694.1	4.43	1188	1413.11	26191.11	5.4
September	900.2	21460.2	4.19	1632	1933	33155	5.83
October	4080.8	26340.8	15.49	1212	2007.9	31500	6.37
November	3239.4	25824.4	12.54	732	1621.5	29293.5	5.54
December	1012.7	27309.9	3.71	600	1805.11	34555.11	5.22
TOTAL	34704.2	284145.4	12.45	6984	27549.92	332315.02	8.61

Feet Wastage for 2022 is at 8.61% versus overall feet produced. This is a huge improvement of **3.83%** for the same period last year. For 2021 the total Feet Wastage was 12.45%.

Graphical Comparison



With the past two years (2021 & 2022) total feet wastage has decreased by 11.49%, whereas from 2021 till 2023 July, feet wastage has decreased by 16.10% while each year total feet produced increased.

TANGIBLE RESULTS



YEAR	2021	2022	2023
TOTAL FEET PRODUCED (KG)	808,557.76		
TOTAL FEET DISCARDED (KG)	83,513.21		
MONETARY VALUE (\$) @ \$3.15/kg Premium	109,318.23	86,782.25	66,966.13
TOTAL	\$ 263,066.61		

To evaluate for the three years, a total of \$263,066.61 could have been recovered and sold as premium quality chicken feet.

TANGIBLE RESULTS



Year	2022 (June)-2023 (July)
Total feet produced (KG)	394,967.26
Total feet discarded including Value line feet (KG)	48,052.91
Feet recovered / Value Line (KG) (29.27%)	14,064
CAPITAL PRODUCTIVITY MONETARY VALUE (\$) @\$2.70 Value Line feet Price	\$ 37,972.8

Since the implementation of this project we managed to recover **14,064 kg** of feet which is **29.27%** from the total of 48,052.91 kg which could have been discarded, yet earned revenue of **\$37,972.8** for only a period of 13 months.

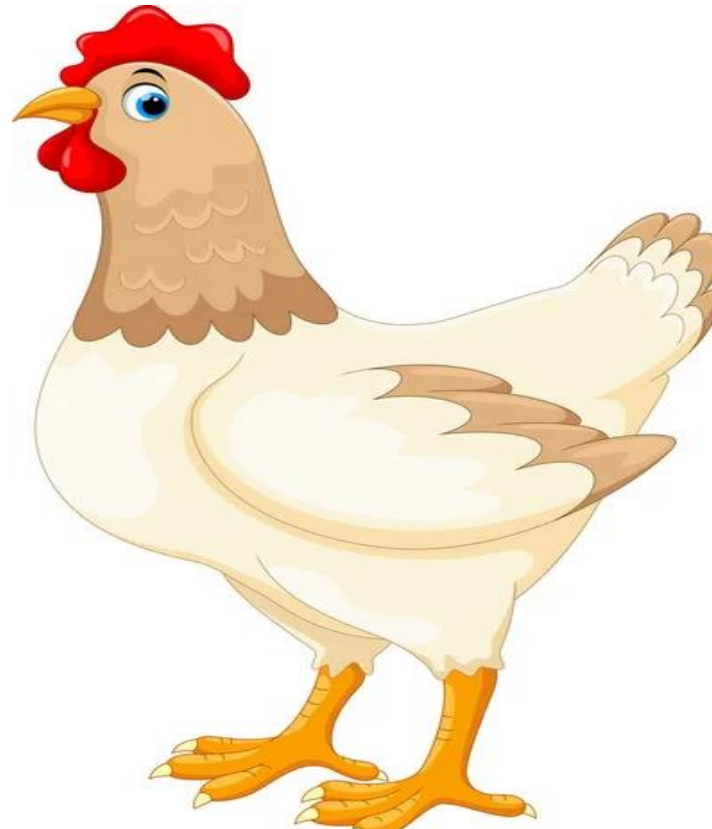
INTANGIBLE RESULTS

**Innovative
Ideology**

***People
Productivity***

**Health
Benefits**

**Team
Work**



**Achieving
Set
Targets**

Health benefits of consuming chicken feet



Nutritional value for two servings of chicken feet or 2 chicken feet (70 grams).

Calories: 150

Calcium: 5% of the Daily Value (DV)

Fat: 10 grams

Protein: 14 grams

Vitamin A: 2% of DV

Carbs: 0.14 grams

Phosphorous: 5% of the DV

Folate (vitamin B9): 15% of the DV

Chicken Feet Benefits

Increase body immunity

Useful for rejuvenating the skin

Accelerate wound healing

Prevents brittle bones

Good for lowering blood pressure

Maintain healthy gums

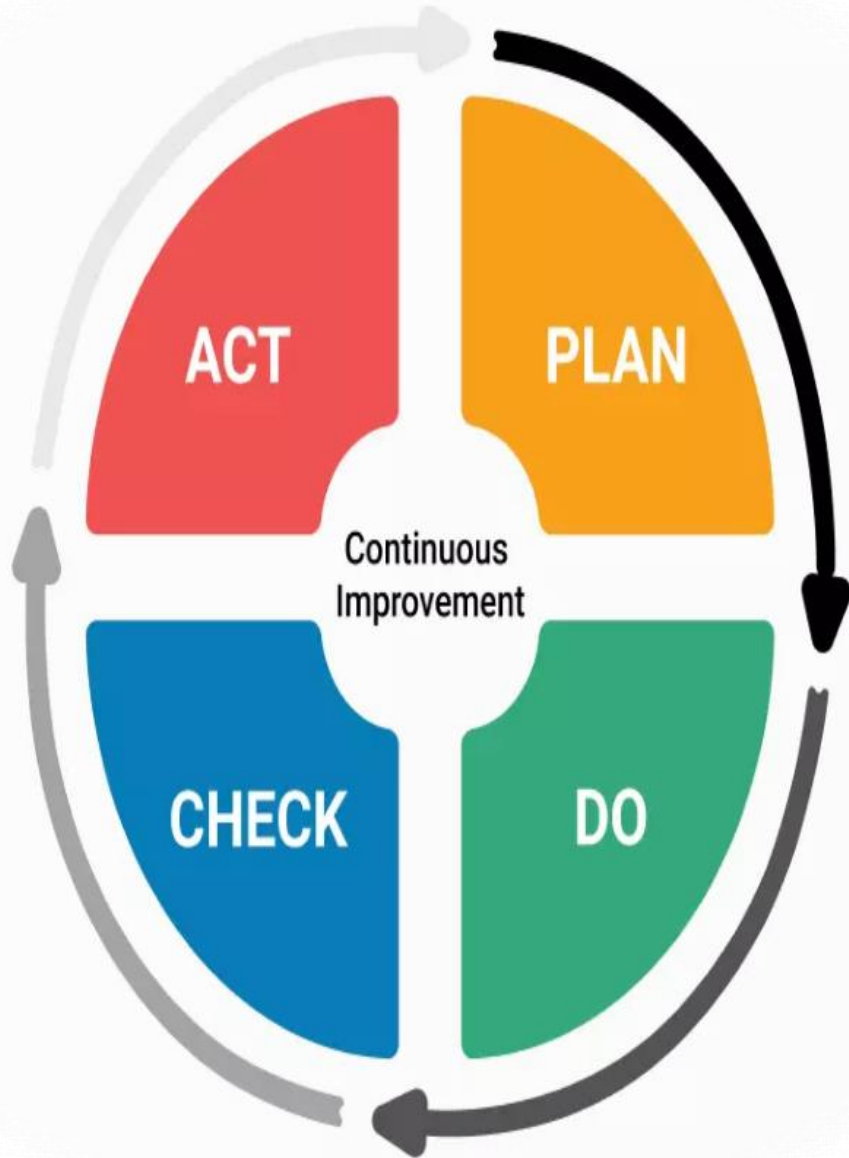
Beneficial for digestive health

Healthy nails

Makes you look younger

Slows down the bad effects of arthritis

Reduce pain and swelling



ACT STAGE:



**Project
Standardization**

PROJECT STANDARDIZATION



From: Ronald Reddy [mailto:ronald.reddy@roosterpoultry.com.fj]
Sent: Thursday, 30 June 2022 4:12 pm
To: 'Saiyad Shah' <saiyad_shah@roosterpoultry.com.fj>; 'Titilia' <plh5@roosterpoultry.com.fj>; 'Iliseva Raibe' <plh4@roosterpoultry.com.fj>; 'Anjini Prasad' <anjini.prasad@roosterpoultry.com.fj>; 'Fipe Sikiti' <plh2@roosterpoultry.com.fj>
Cc: 'Sairaz Hakim' <fc@roosterpoultry.com.fj>; 'Hasmita Sami' <accountant@roosterpoultry.com.fj>; 'Rejieli Vueti' <ga3.livestock@roosterpoultry.com.fj>; 'Lavenia Ranadi' <qa.manager@roosterpoultry.com.fj>
Subject: VL Feet | C141
Importance: High

Bula Team,

We had agreed on Monday at ExCo to start packing VL Feet. The training was done on Tuesday and yesterday should have been the first packing done.

Please note that the product code is C141 and Finance will soon issue the pricing.

Let's keep on packing and improving our yield.

Also provide a feedback on the number of kg's packed by tomorrow afternoon. Please treat this as urgent.

Team Finance,

Kindly provide a pricing for this VL Feet - 2kg packs. We can then advise our employees on the availability for sending their orders.

Anjini,

Please separately track the production of VL Feet and measure the impact to yield. *This will be one of those impactful QC Projects.*

Vinaka & Productive Regards,



 **RONALD REDDY**
Head of Production (Acting)

FUTURE FARMS PTE LIMITED (trading as Rooster Poultry)
Ph: (679) 6674666 | Fax: (679) 6670139 | Mob: (679) 9994015

Recognition:
Fiji Business Excellence Prize Award 2016 | Fiji Business Excellence Presidents Award 2018
Fiji Business Excellence Presidents Award 2021 | ISO 9001:2015 Quality Standard
ISO 22000:2018 Food Safety Standard



Product Code & Price

 Reply  Reply All  Forward



Thu 30/06/2022 5:12 pm

Sairaz Hakim <fc@roosterpoultry.com.fj>

RE: VL Feet | C141

To: 'Ronald Reddy'; 'Saiyad Shah'; 'Titilia'; 'Iliseva Raibe'; 'Anjini Prasad'; 'Fipe Sikiti'

Cc: 'Hasmita Sami'; 'Rejieli Vueti'; 'Lavenia Ranadi'; Sanjay Sharma

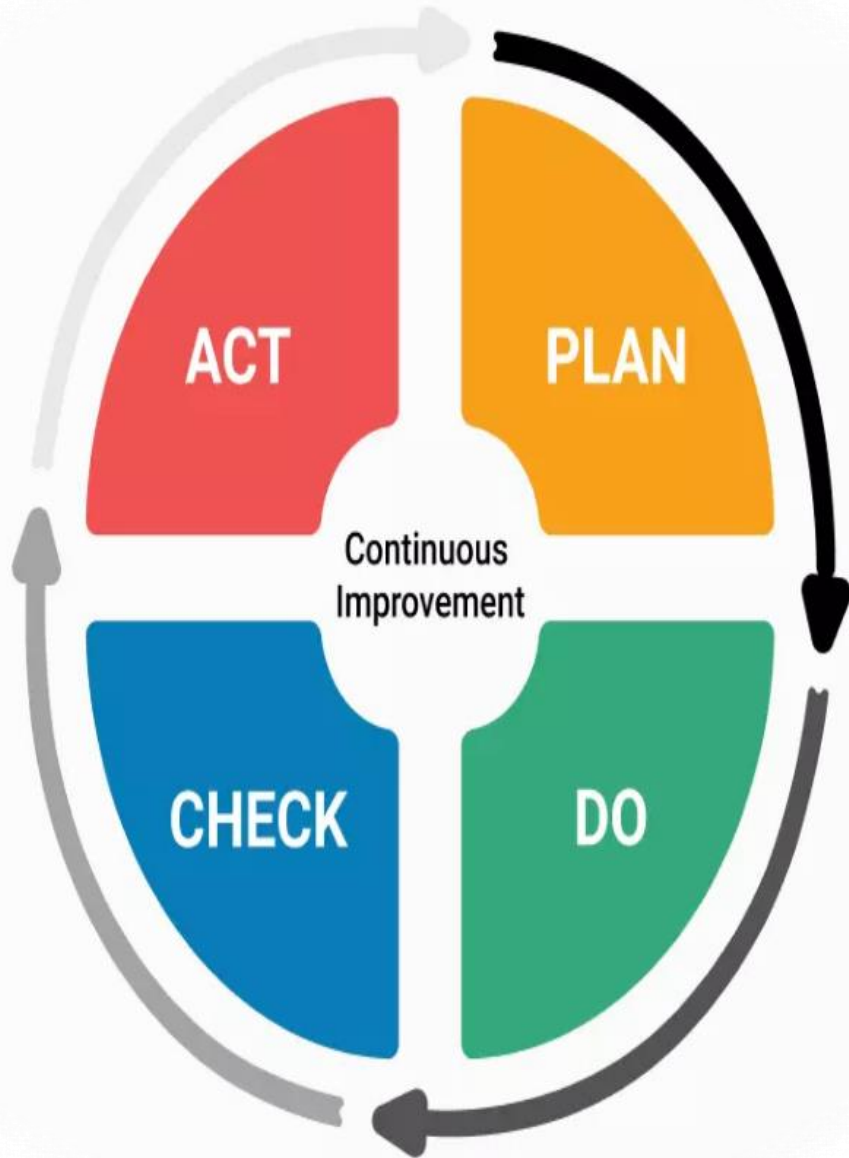
Hello Team

Price will be \$2.20 VEP/Kg.

Regards

The Head Of Production was approached for the project standardization and it was discussed in the Exco meeting with high importance, the product code and pricing was submitted by the Head Of Finance & Head of Quality

REVIEW & SUSTAINABILITY:



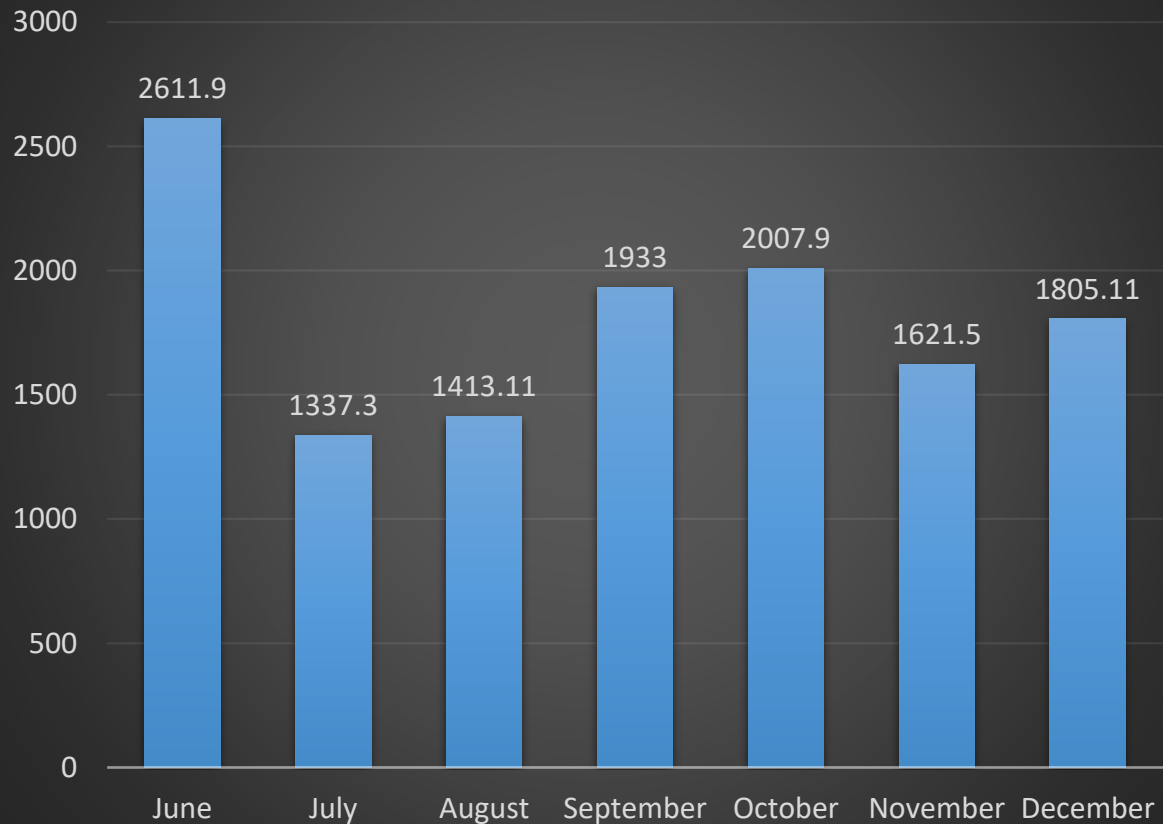
Analyze Sustainability



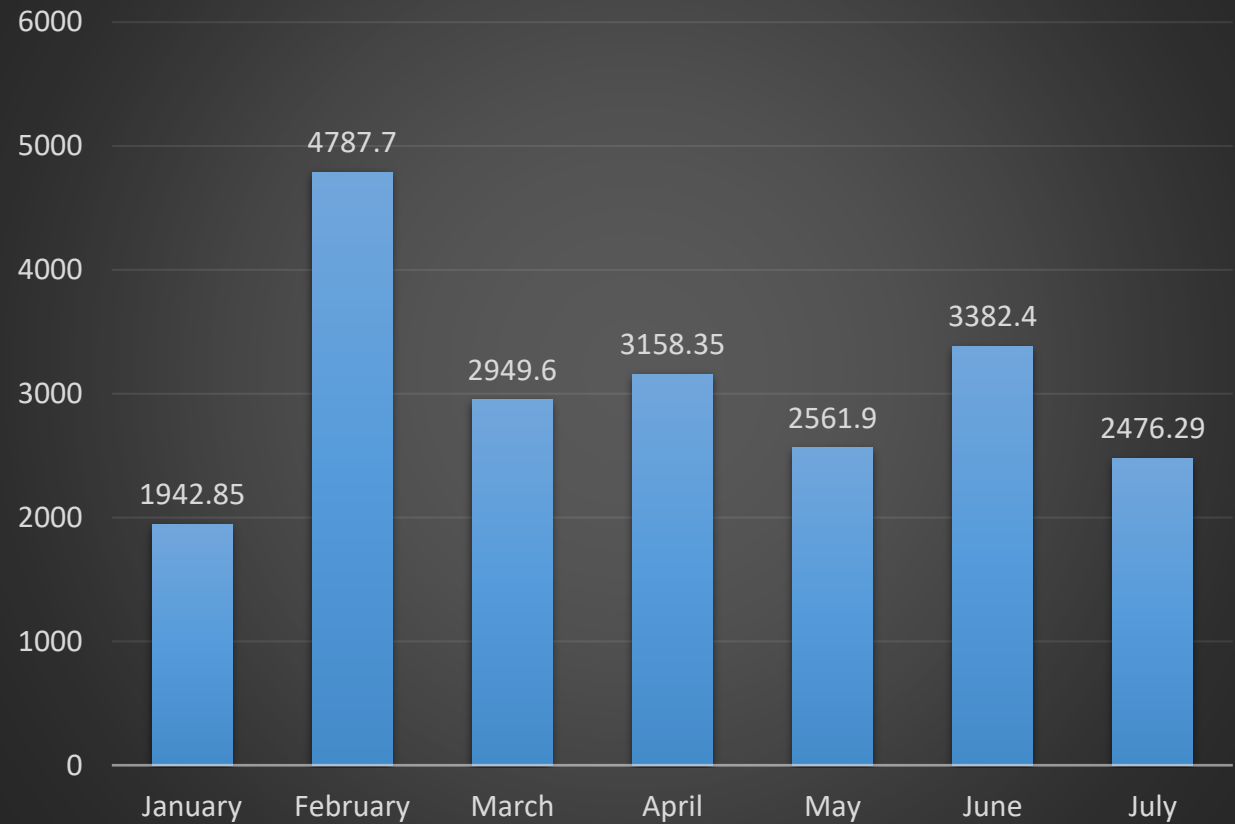
Check Set Targets &
Achievements

Target 1: Check

2022



2023



June %	July %	August %	September %	October %	November %	December %
11.07	5.44	5.40	5.83	6.37	5.54	5.22

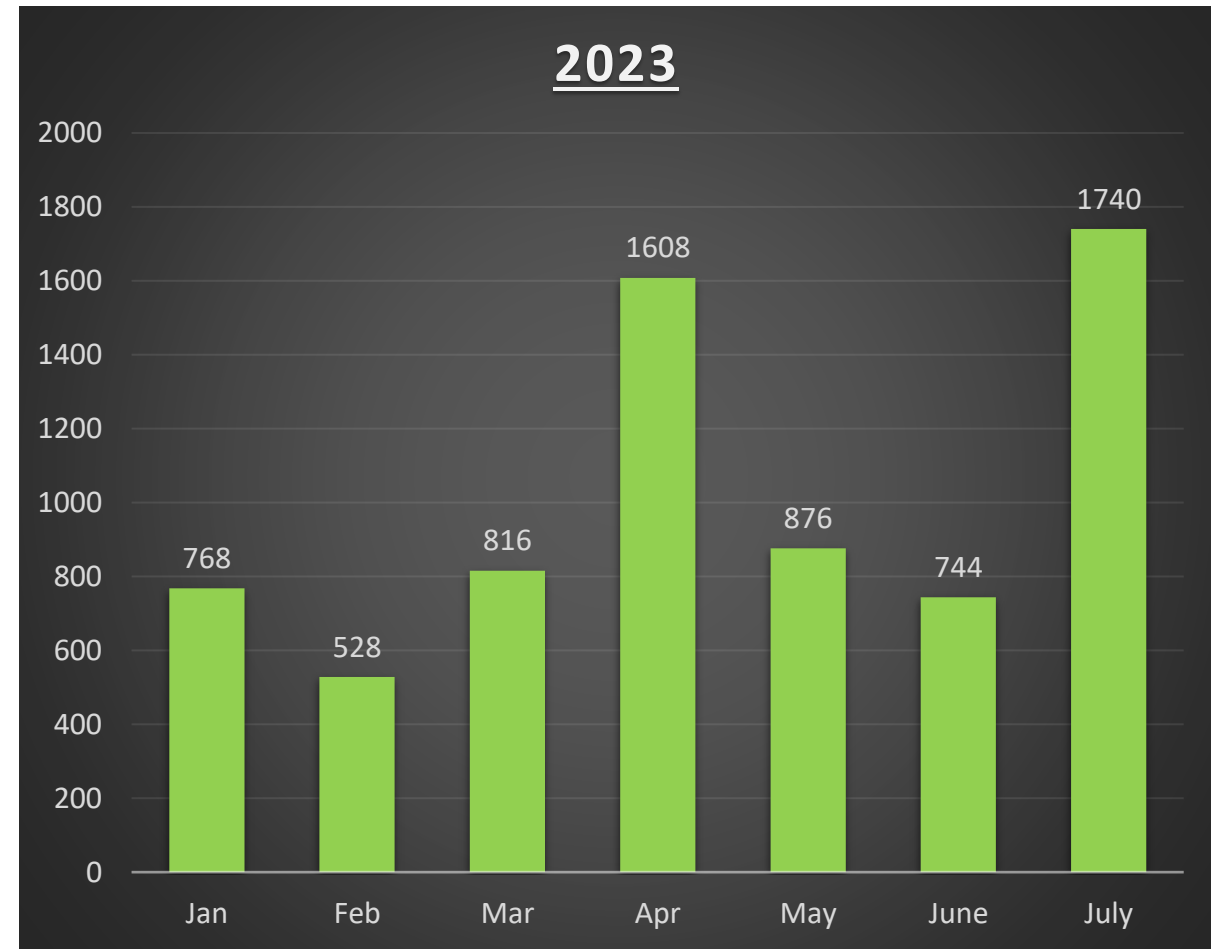
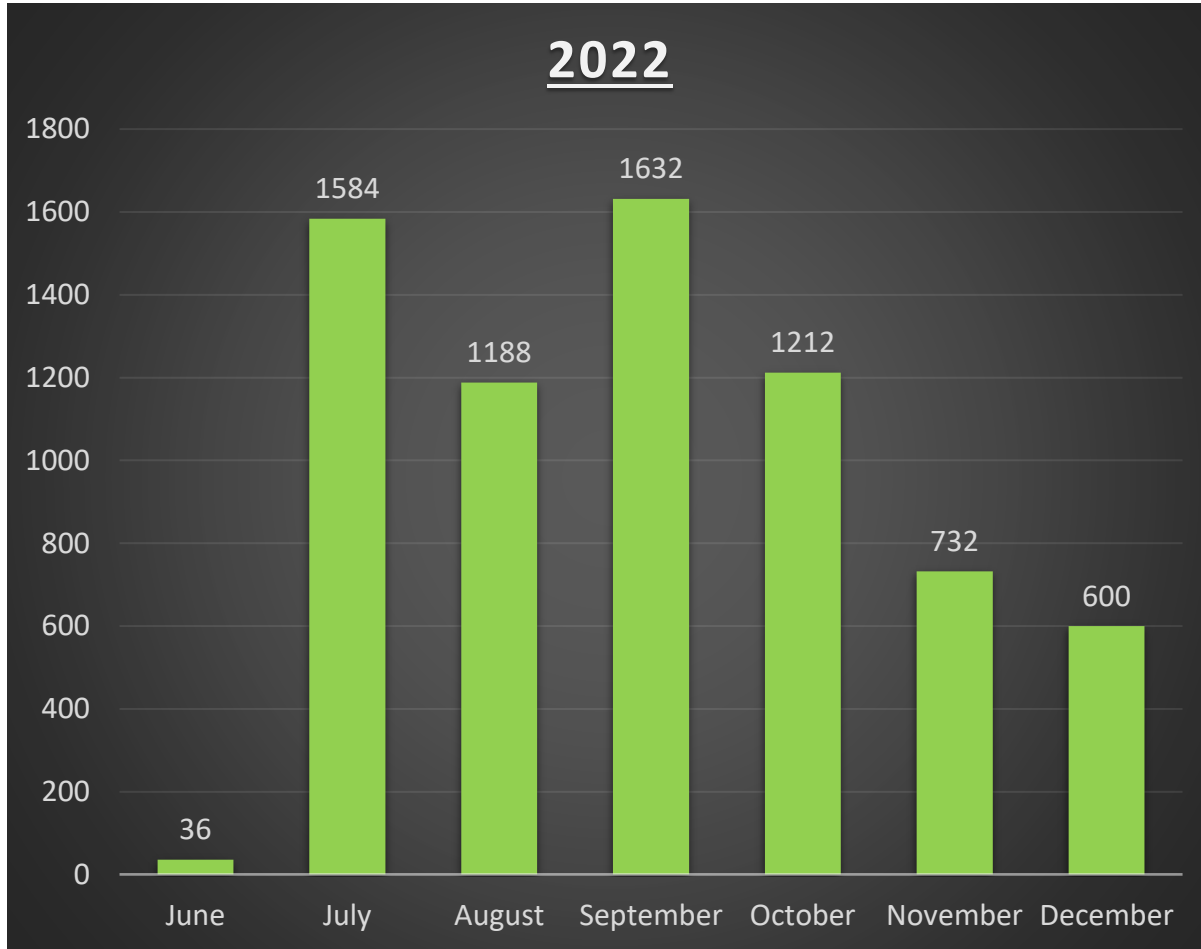
January %	February %	March %	April %	May %	June %	July %
8.25	16.46	9.38	10.94	8.13	10.21	17.06

We managed to **achieve** our set target which is: **Feet discard per month < 20% of total feet produced**



**TARGET
ACHIEVED**

Target 2: Check





We managed to achieve our set targets which is: **Total feet recovered \geq 500 kg / month**



**TARGET
ACHIEVED**

Review Targets

TARGETS SET	REVIEW
Feet discard per month < 20% of total feet produced	
Total Feet Recovered \geq 500 kg / Month	

As a team, we managed to achieve our set targets and reviewed the project for sustainability as we managed to contribute to the company's total yield of 0.13% inclusive of all other products produced.

Corporate Social Responsibility (CSR)

Nailaga SDA Kindergarden

Team visited the **Nailaga SDA Kindergarden** to carry out the following work:

- Painting the Tires for pot plant
- Planting of flowers- beautification
- Cleaning the compound
- Washing the facility
- Giving gift packs full of stationaries to the students.

Team chose this CSR since most of the staffs children are attending Nailaga Kindergarden

CSR- Nailaga SDA Kindergarden



**NAILAGA ADVENTIST
KINDERGARTEN**
Reg: 8747 **GRACE BEFORE GRADES** Est: 2017
P.O.Box 3656, Ba Ph: 667 4306
Email: nailagaadventistkindy@gmail.com

WELCOME

FOR YOUR SAFETY PLEASE OBSERVE THE FOLLOWING

**ALL VISITORS MUST REPORT TO THE
OFFICE**

PROHIBITED ON SCHOOL COMPOUND

1. ALCOHOL & DRUGS
2. NO LOITERING AROUND THE SCHOOL PERIMETER
3. USE OF FACILITIES WITHOUT APPROVAL

TRESSPASSERS WILL BE PROSECUTED

Teams Focus in Future

- The team has introduced a new product and this has financially been beneficial since we recovered chicken feet which could have been discarded.
- This project is phase 1 for this year, the team will be back next year with phase 2, with a new product eventually with a new price bring more revenue to the company with the least cost.
- We will continue with this project and at the same time introduce a new product in line.
- We can say with this project ongoing, team **Yavana** is already working hard for it second project which is in the pipeline.

Future Farms Pte Limited
T/A Rooster Poultry
Quality Convention 2023

*THANK
YOU*

**“Knowledge drives Innovation,
Innovation drives Productivity,
Productivity drives Economic
Growth”**

**Ladies and gentlemen, we are here
with a new product that brings
economic growth.**

Together we are:

TEAM YAVANA



**Fiji
BUSINESS
EXCELLENCE
AWARDS**



**Fiji
BUSINESS
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