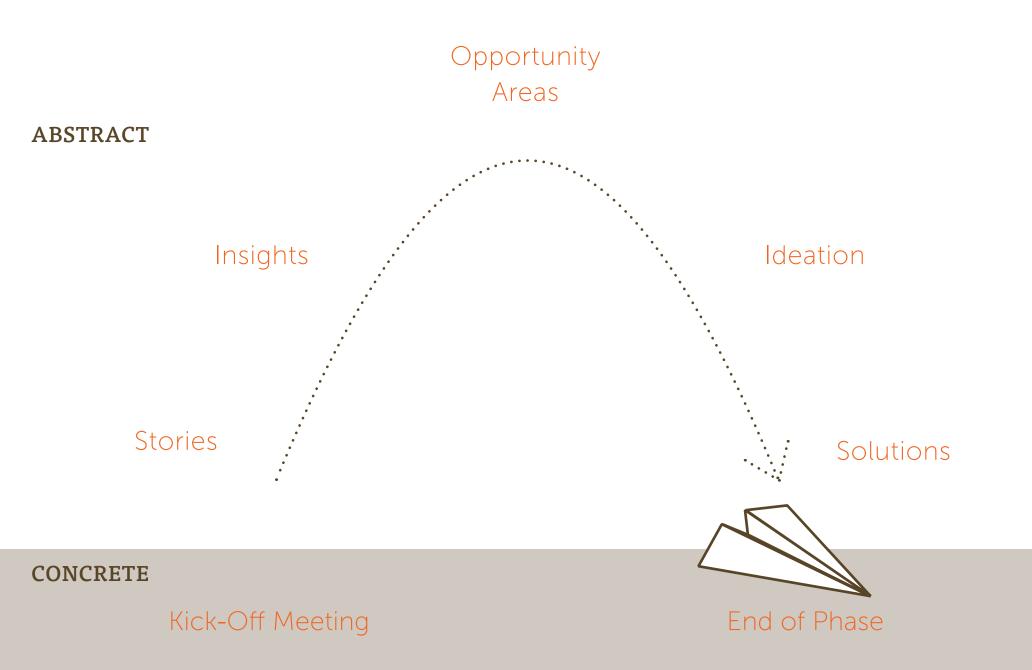


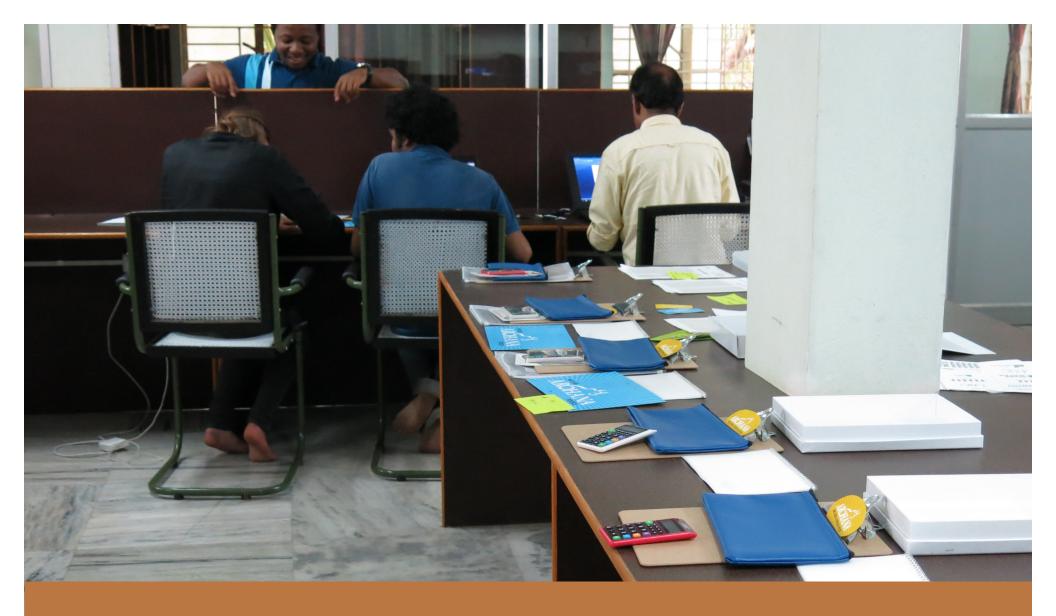
Our Timeline



WHAT WE DID
PILOTING PRINCIPLES
THE NEW FRANCHISEE
TOOL RENTAL
SUPPORT SYSTEM
BRAND
NEXT STEPS

Today's objectives

WHAT WE DID	
PILOTING PRINCIPLES	5
THE NEW FRANCHISE	E
TOOL RENTAL	• •
SUPPORT SYSTEM	
BRAND	
NEXT STEPS	



We made starter kits to prototype sprayer rental businesses.



We found franchisees and distributed kits and tools.



We joined a vet-camp to better understand Arohana's role.



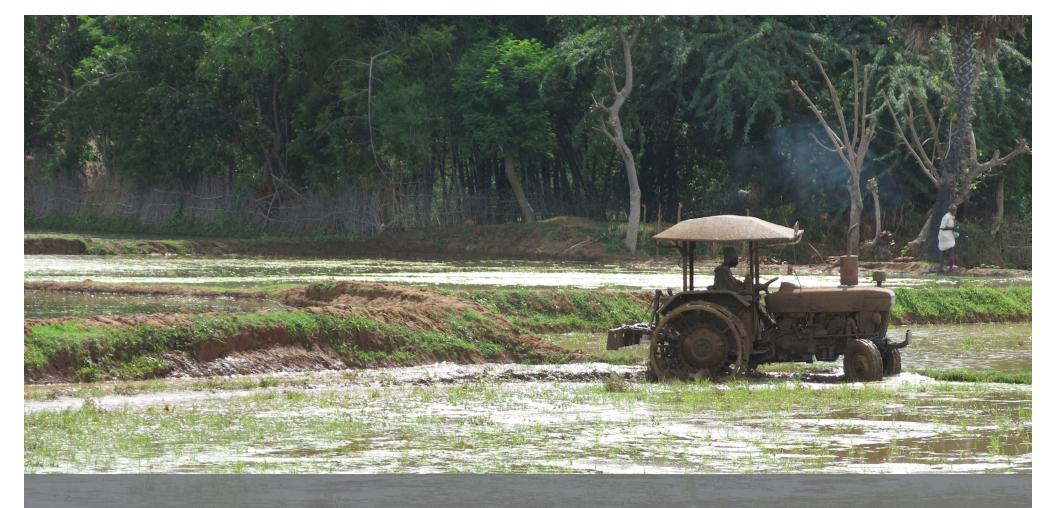
We systematically collected data to assess needs in villages.



We invited franchisees to prototype and think with us.

Today's objectives

WHAT WE DID
PILOTING PRINCIPLES
THE NEW FRANCHISEE
TOOL RENTAL
SUPPORT SYSTEM
BRAND
NEXT STEPS



Large tools like tractors are highly desirable, but loan repayment is often not feasible.

Principle;

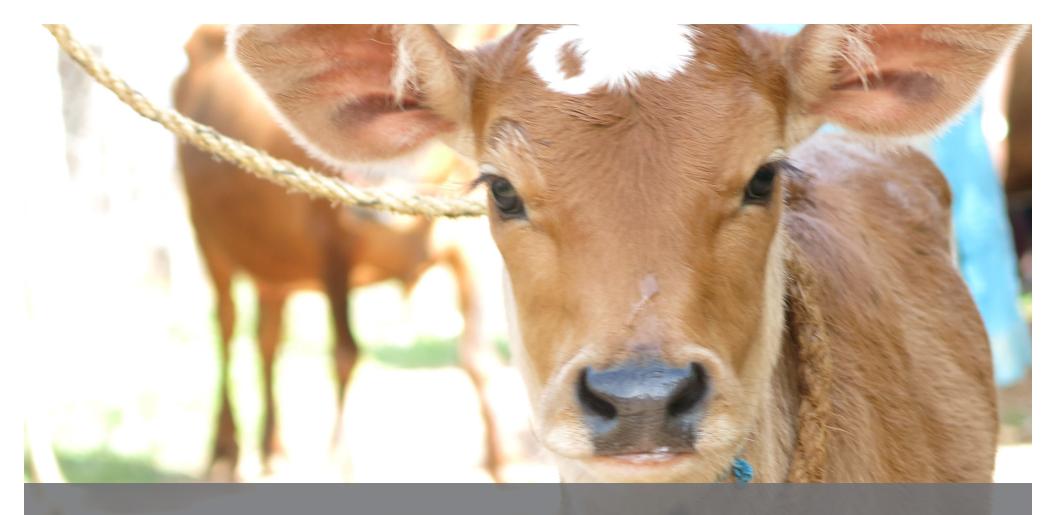
Scale down the tools to fit small farms and create affordable solutions.



Thanjavur is agriculturally diverse, but it has one main crop in common.

Principle;

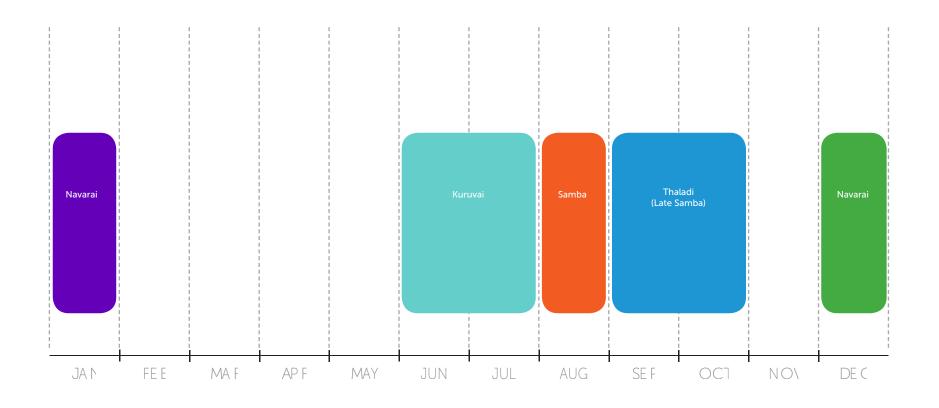
Streamline piloting by focusing on a single crop: rice cultivation.



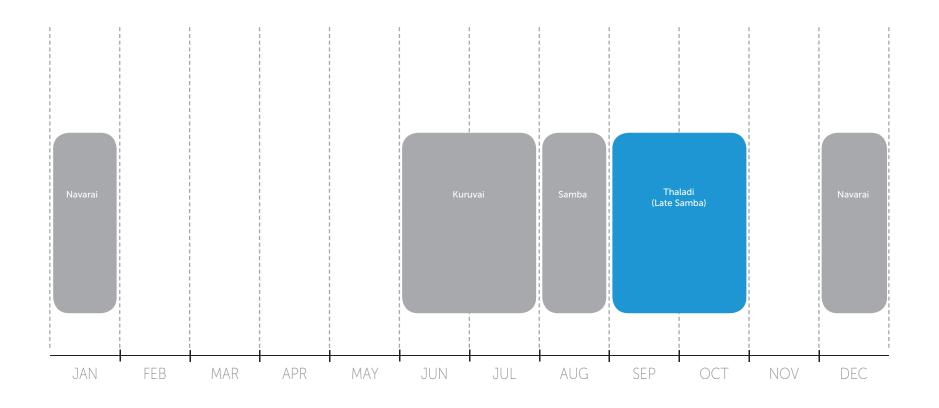
A significant difference between your dairy business and agriculture is seasonality.

Principle;

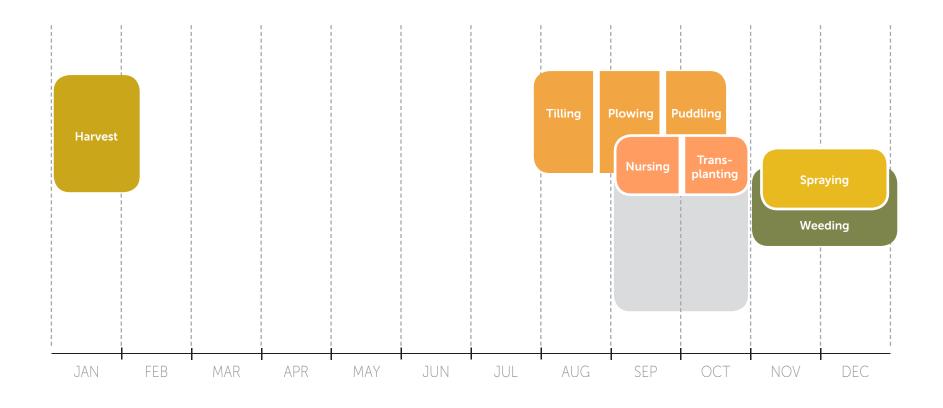
Aim for simplicity by striving for the greatest integration with Arohana's current practices.



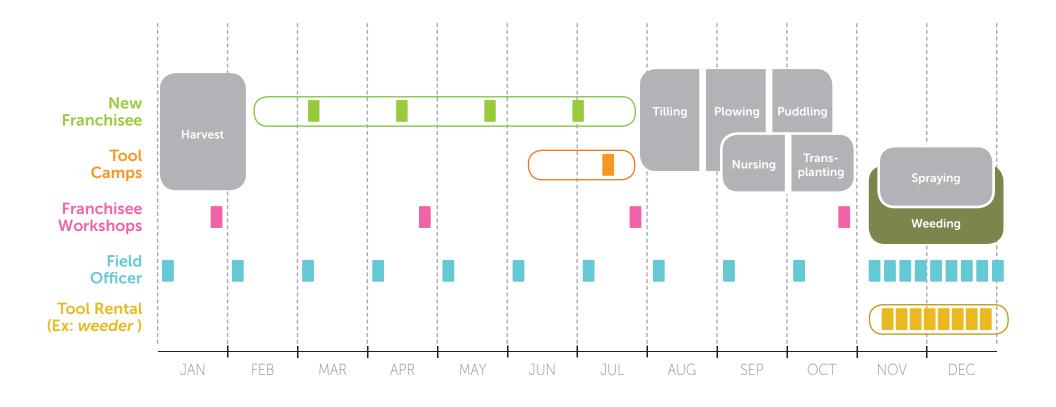
Calendar: Planting Seasons



Calendar: Planting Seasons



Calendar: Thaladi Season



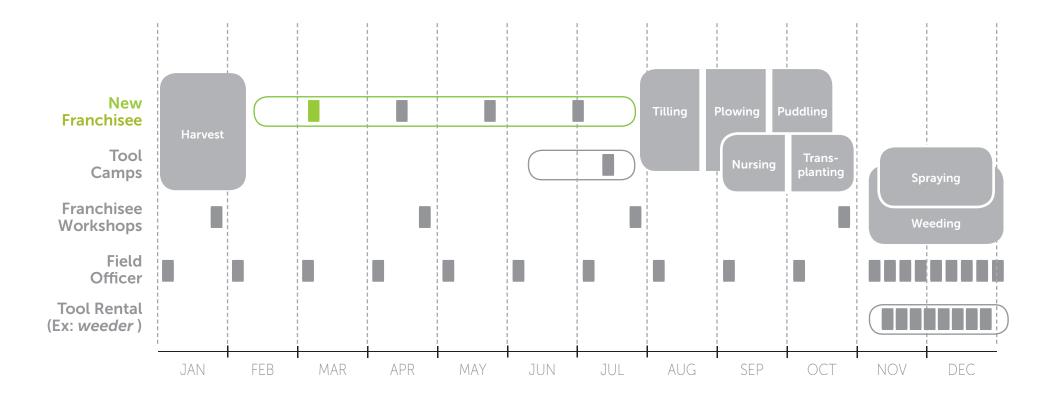
Arohana Touchpoints

Today's objectives
WHAT WE DID
PILOTING PRINCIPLES
THE NEW FRANCHISEE
TOOL RENTAL

SUPPORT SYSTEM

NEXT STEPS

BRAND



Step 1

Village Assessment



Every village is agriculturally unique and presents an equally unique marketplace.

Do everything to guarantee the franchisee will have a good chance of success.

WHAT IS IT?

The VILLAGE ASSESSMENT is a systematic way to understand the real need for tools in a village.

About

Who / Where

Tools Benefits

• • • • • • • • •

WHO & WHERE

For a VILLAGE ASSESSMENT, an Arohana representative travels to a village that's part of the Arohana dairy network.

They then organize a group of farmers to discuss and respond to the quesitons posed in assessment book together.

By capturing the perspective of the crowd in one place, only one assessment per village is necessary.

About

Who / Where Tools

Benefits

• • • • • • • • •

Tools

The VILLAGE ASSESSMENT is modular.

•••••

It leads with a general village overview followed by sections that speak specifically about crops.

••••••

Answers are later recorded in an Excel document that analyzes and computes which tools are most likely to succeed as a rental service in that specific village.

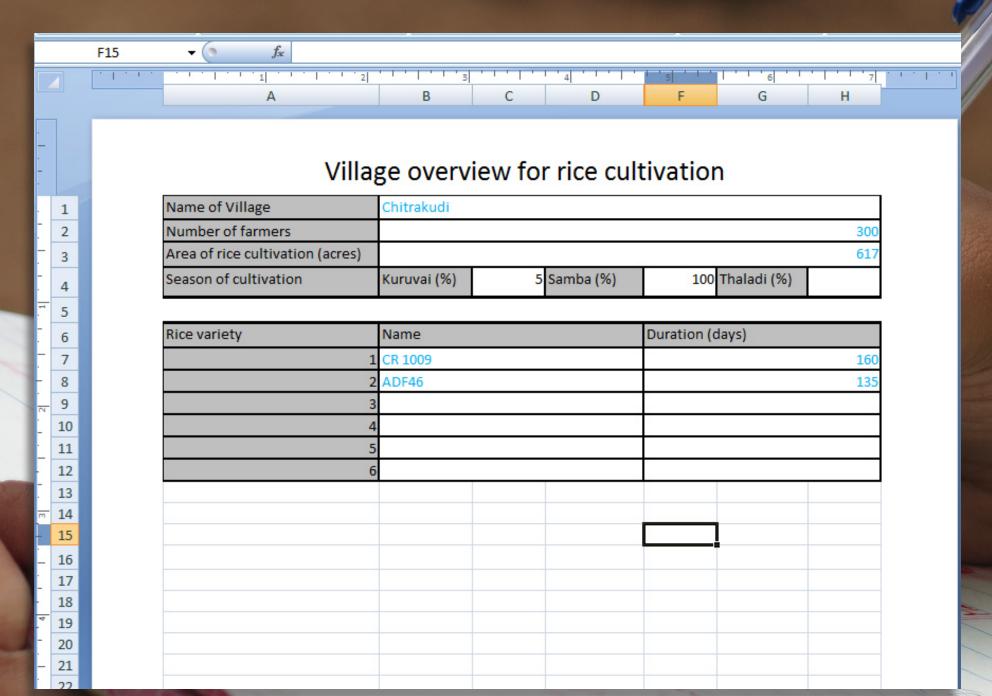


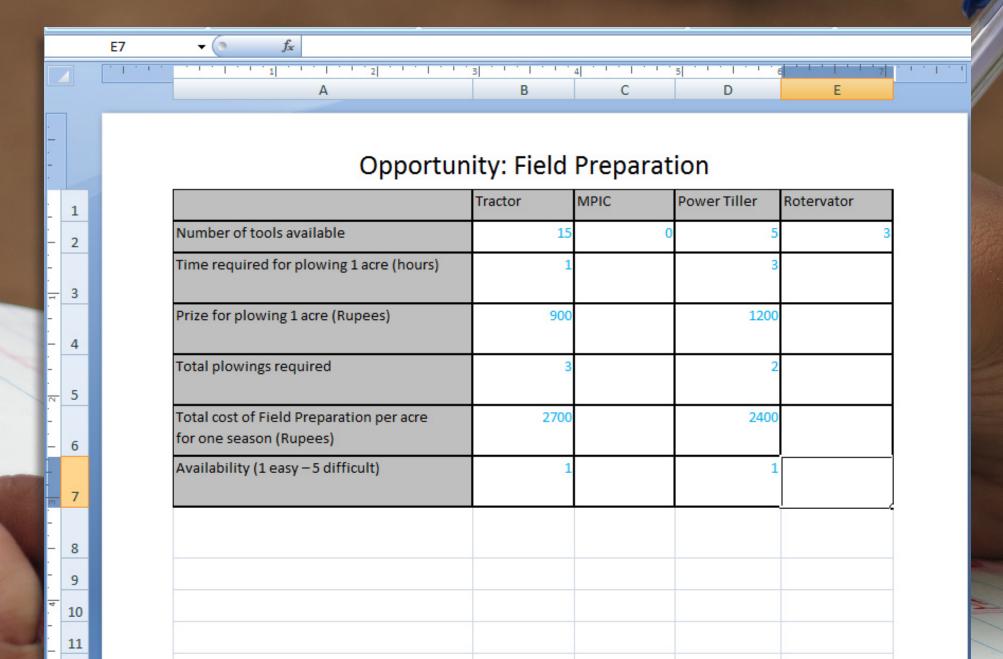
Hos for machine (transplanter) LAGE ASSESSMENAT . Chitial amount) 8 Monitor date of transplanting - 1 acre - 45 min - correige before Vane of village chitoakudi Acres of rice cultivation Season of planting Kuruvai / Samba M. Sambath / Tholadi (2013) 600 \$ 250 acre - machine (manually)

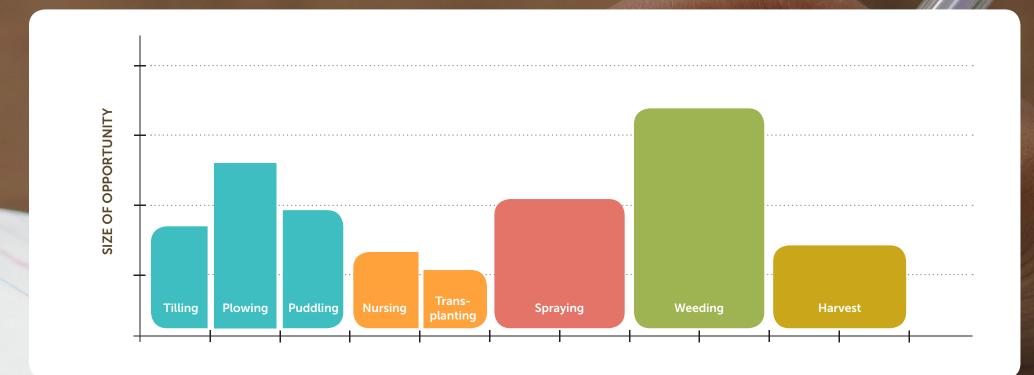
Transplanting \$ 300 acre - Conventional (manually)

Tractor (15) MPIC (Rave)

Tractor (15) MPIC (Power Tiller (5) # of James 1300-140 Field preparation 1ace = 13 Rotovator 30-14 Otime) po 900/acre the The 1200/acre hr - 3how - 1tim Honerly rate Cost per sesson 3000 Rs Rs 3400 Rs 3400 Rs 1easy-5hard 1 # of Plowings Base of access Aviolising Mo-Weed is a God was Seeding Transplanting Seeding 1. Transplanting 1. - 100% Manua 30 kg (ac Transplanting Manually 7. Machined 1. - Next year ... - 100% machine Service avaitable? Tegla herride gransplo Transplanting cost per season Seeding & Transplant Rs \$500 (Seedlicys 1easy-5hard D our of company) 5 kg /c Base of access (Nonling) Mach SRI 2191







Example of a possible result of a VILLAGE ASSESSMENT

Different business opportunities arise depending on the amount of acres, types of cultivated crops and availability of tools in each village.

About

Who / Where Tools
Benefits

• • • • • • • • •

Benefits to Arohana

The VILLAGE ASSESSMENT reduces the risk of investing in the wrong village or the wrong tool.

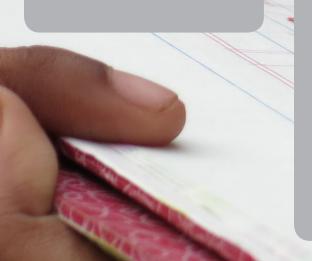
It is a tangible tool that enables a conversation with potential franchisees about the appropriate tool options for their village.

Benefits to franchisees and farmers

The first step to become part of the Arohana franchise.

An opportunity for everybody, not only large farmers, to voice their needs for the right agricultural equipment.

Early marketing for the franchisee and her tool





Step 2

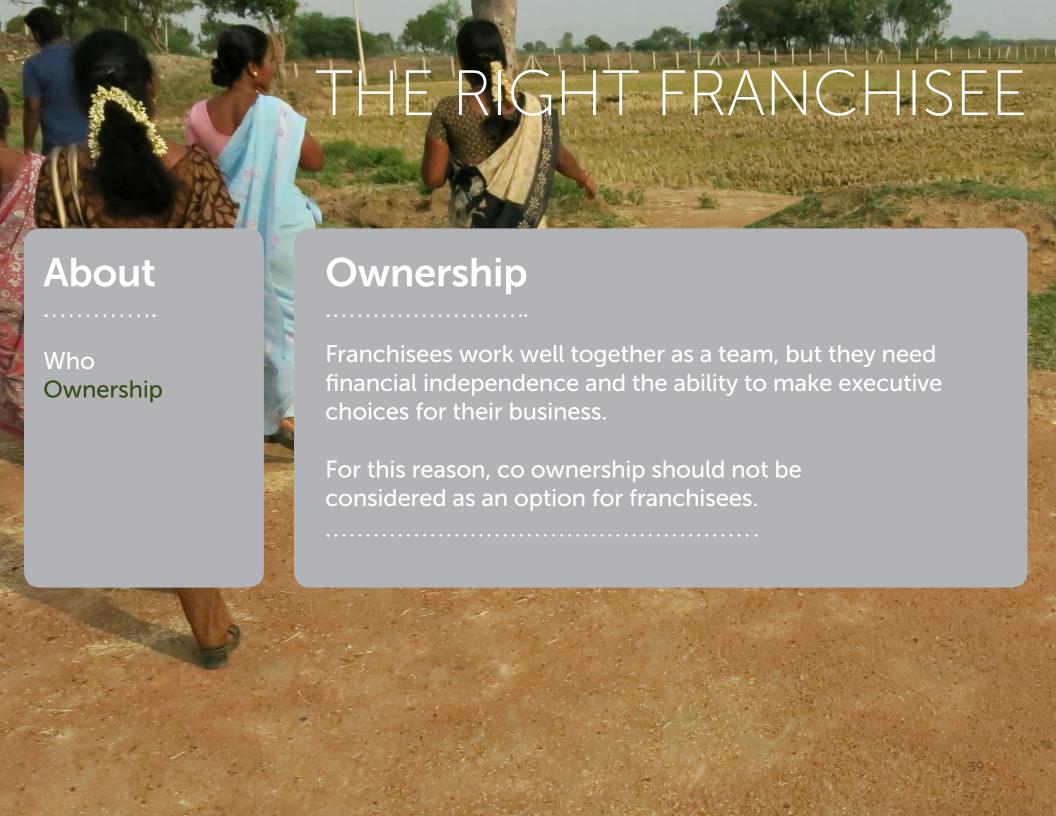
The Right Franchisee

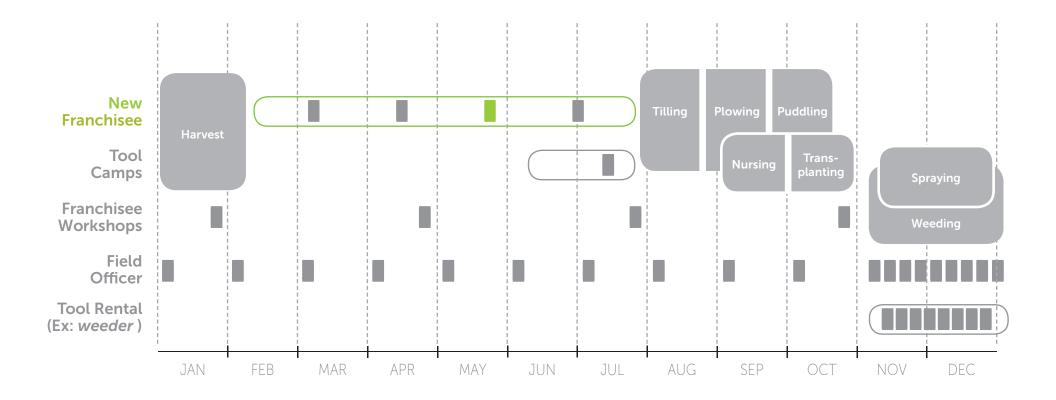


ABGs are responsible business leaders but will need local partners to run a franchise.

We need to help franchisees to establish a support structure for their business.







Step 3 Tool Demo



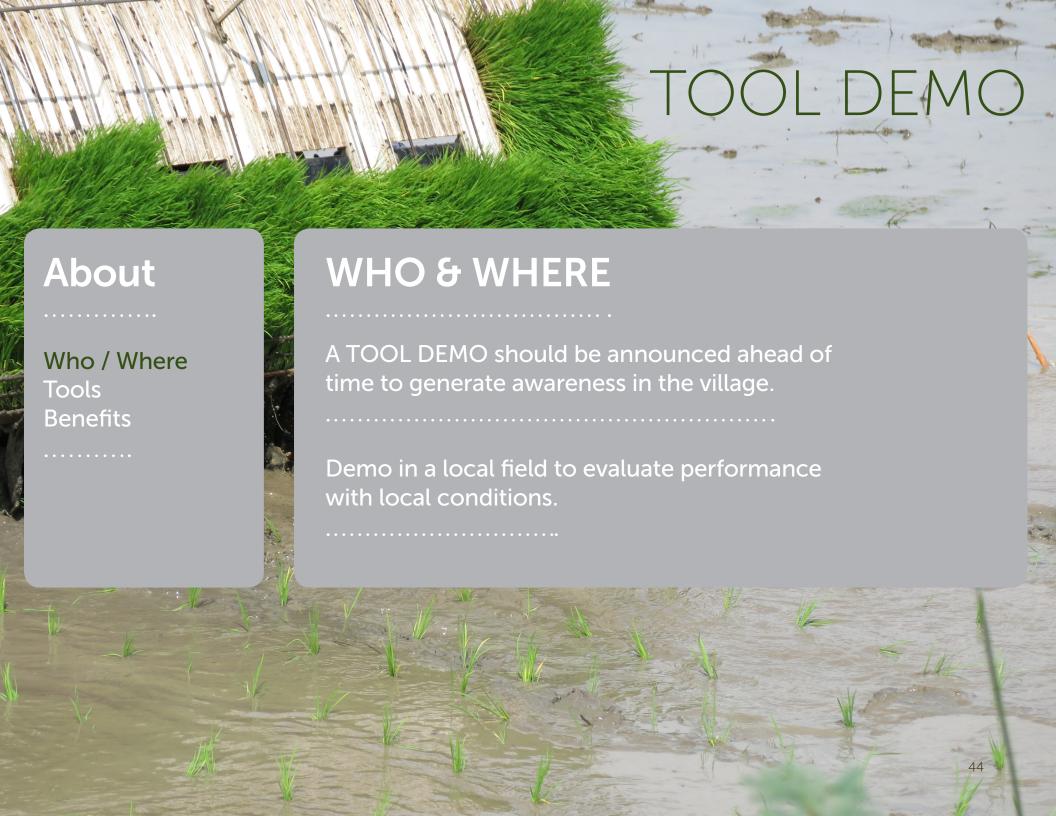
A village acts as one organism and it's hard for an individual to initiate change.

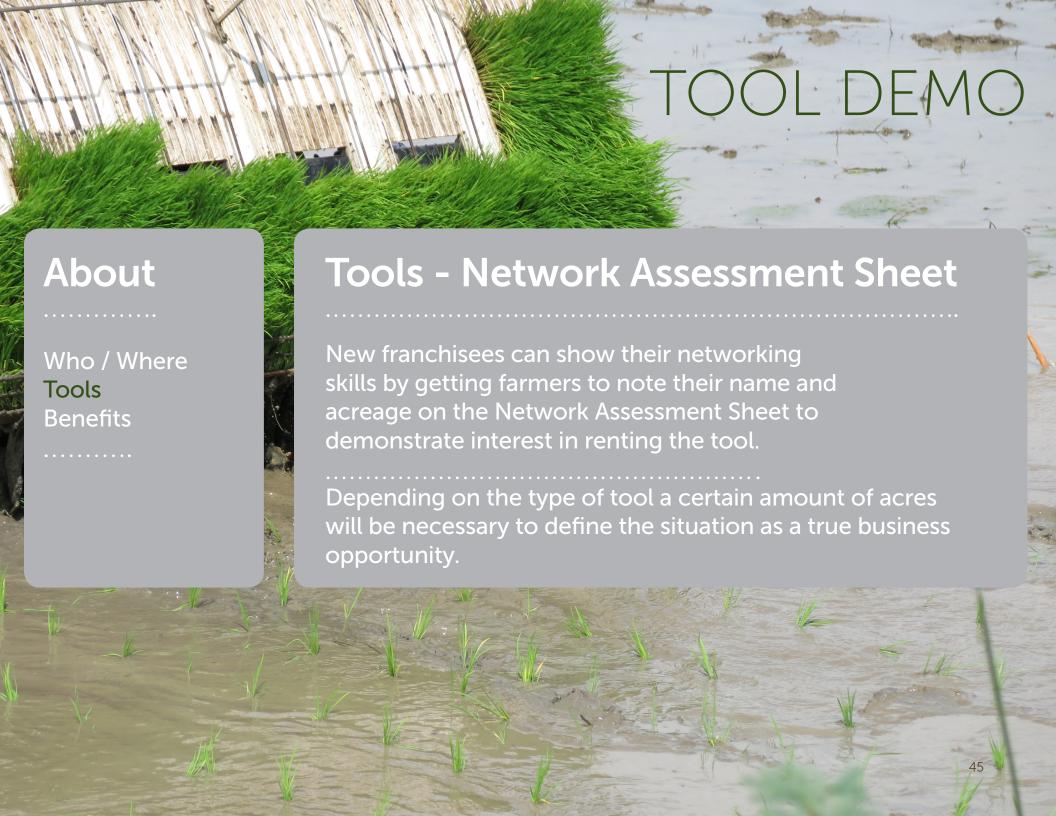
Broadcast to the village as a whole to understand your business opportunity.

TOOL DEMO

WHAT IS IT?

A tool demonstration that allows farmers to experience the tools' performance first hand.







கருவி

power weeder

கிராமம் village

vanniyampatti

தொழில்முனைவோர் franchisee

mala

தொடர்புகள் பதிவேடு

	பெயர் name	தகப்பனார் பெயர் Father's Name	ஏக்கர் ^{Acreage}	கையொப்பம் _{Signature}
1	Gurumurthy	Ranganthan	1 Acre	Carring.
2	Aakash	venkatesan	5 acres	Stesh
3	Aamír	Rao	1.5 acres	Down.
4	Mahavír	Jayaraman	1 acre	Marine
5	Níhaíl	Balasubramaníum	1 acre	Nhame
6	Gangaram	Píllaí	2 acres	Gengram.
7				ď
8				
9				
10				





Step 4

Training & Delivery



Although people don't request it, training and support are critical.

Make training mandatory upon the delivery of the tool.

DELIVERY & TRAINING

WHAT IS IT?

The new tool is delivered to the franchisee and she is walked through basic knowledge related to her new acquisition.

DELIVERY & TRAINING

About

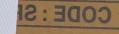
· • • • • • • • • • •

Who Benefits

• • • • • • • • •

WHO

The tool is delivered to the franchisee at her home. At this time she is walked through the process of assembly and proper use. She is also instructed on its different uses, its attachments (if any), chemicals (if any), cleaning, storage and basic maintenance.





About

Who Benefits

Benefits to Arohana

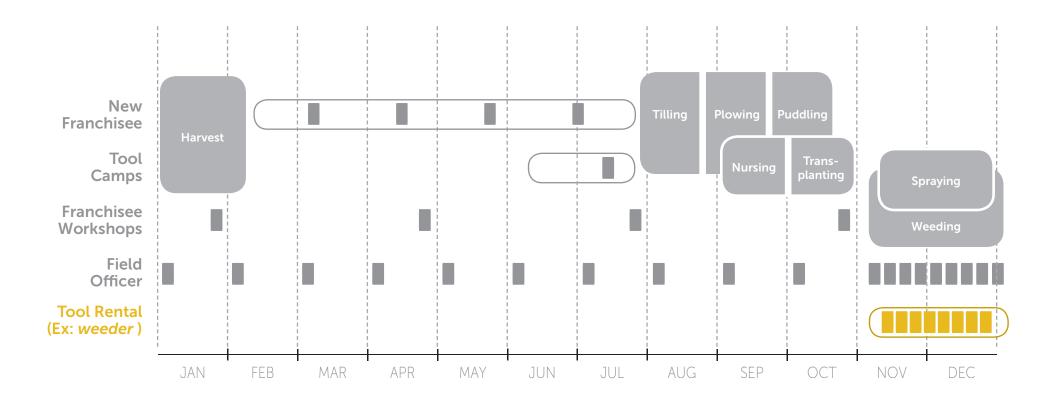
Having a well set up business since day one gives the Arohana Tool business a head start.

Benefits to Franchisee

Proper set up and use guarantee a longer lifespan for the tool. No need to outsource for help in set up. All problems / missing parts are noticed right away

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• •	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

WHAT WE DID
PILOTING PRINCIPLES
THE NEW FRANCHISE
TOOL RENTAL
SUPPORT SYSTEM
BRAND
NEXT STEPS



TOOL RENTAL

WHAT'S IN THE BOX?

BUSINESS TOOLS: Record Book

Business Cards

Emergency Card

ACCESSORIES: Money Pouch

Calculator

ப்ருகேற்களைக்காக

தேதி

அன்று

வாடகையும் ரேபாய் 750

பிறகு, இந்த உபகரணத்தை

CI

ஆநூற்றனா

About

Record Book

Business Cards Emergency Card

இதன்பும

151

5517

5(1)

யும் எந்த ஒரு பழுதும்

வாக்களிக்கிறேன்.

தனைக்கு கேவைய பான வர் நடி

Accessories

76

F6

RECORD BOOK

जा। ह्य

இல்லாமல்

மேலும்

மாதம் கழிந்த

It is the place where franchisees record who rented the tool, when they picked it up, when they returned it, who was the operator and how much they paid / owe.

ஆரொளை

RECORD BOOK



SER

மேற் தொன் இத்த யில்

විස්ස නිතාබ Power Weeder

vanniyampatti

mala

கருவி

கிராமம் _{village} தொழில்முனைவோர்

franchise

வாடகைப் பட்டியல்

	துவக்கம் Rental period	பெயர் _{Name}	கையொப்பம் Sign In	கையொப்பப் Sign out	் ஆப்ரேடர் Service	Tool Rental Total	TOTAL	Balance
1	29/10/2013	Shalu	Short-	SHAM.	Raví Cost: 150/day	300/day (I)	450	450-1200 = 250 PAID
2	30/10/2013 - 31/10/2013	Abhimanyu	Alstimanyer		Naval Cost: 100/day	600 for 2 days (15)	800 CP	800 - 400 = 400
3	31/10/2013	Priya	Amur	Sura	Naval Cost: 100/day	300/day (I)	450 CL	PAID CL
4						ரு	ரு	ரு
5						ரு	ரு	
6						ரு	ரு	ரு
7						ரு	ரு	ரு
8						ரு	ரு	ரு

1,200

Profit Made

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عاض -

இத்துன்.

அவராவான

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@ Boot Lin

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About

Record Book
Business Cards
Emergency Card

Accessories

त्रिकंक कुण्ड प्रति विकंक व्याम्कंकनीकंकिद्व इक्रानंकि दुक्रकावाया

BUSINESS CARDS

Franchisees are given a set of business cards that support the promotion of their new business. The cards include the name of the franchisee and tool. They also state the price of the rental in order to encourage rentals to remain at a fixed price and therfore minimize "special prices" given to friends and family.



350010010

தொழில் உறிமையாளர்

.....தாடர்பு

தெளிப்பான் 25 ரே/ தினம்

GI

5



About

Record Book Business Cards Emergency Card

இதன்பும

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5517

Accessories

76

म्हान्ति हैं। प्राप्ति नार्ष्ट्रेक कुर्ति प्राप्ति किंक्षक व्याप्तिक्रक्षणीकंकिति, किंक्षकाकंक्ष दुक्रकावापा

EMERGENCY CARD

By supporting the franchisee in the event of a tool breakdown, we can maximize the chances of the tool being as useful as possible during the rental season. An emergency card is given out to the franchisee so she can call this number in the event of a tool breakdown during the rental season.



உதவிக்கு அனுகுங்கள்

மாதேஸ்வரன் +91 770 80 09 61 8

அன்று



About

Record Book **Business Cards Emergency Card**

இதன்பும

Accessories

F6

ம்ம் எந்த ஒரு படு தனைக்கு கேவையும் இர் கால

5517

ACCESSORIES

Accessories build excitement and raise the value of the brand during the first moment of becoming a franchisee. These small objects add to the "ceremonial" nature of the first time someone has achieved franchisee status. They are both celebratory and practical to support the entrepreneur in their new business.

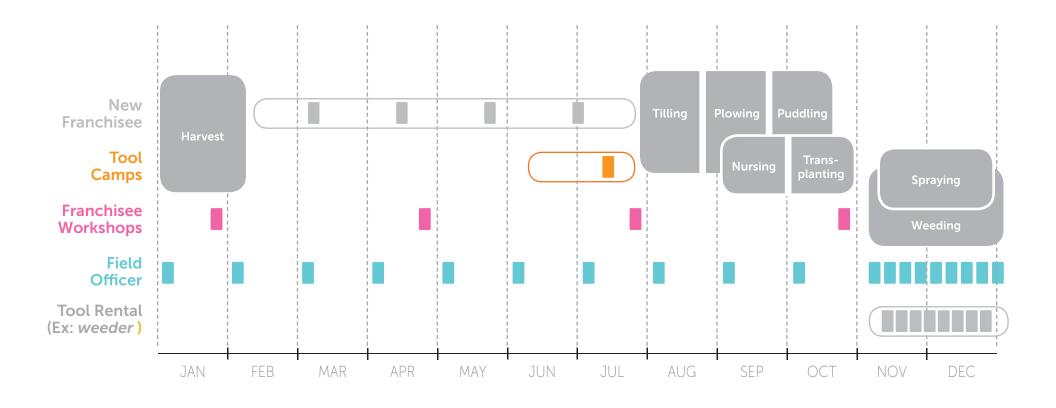
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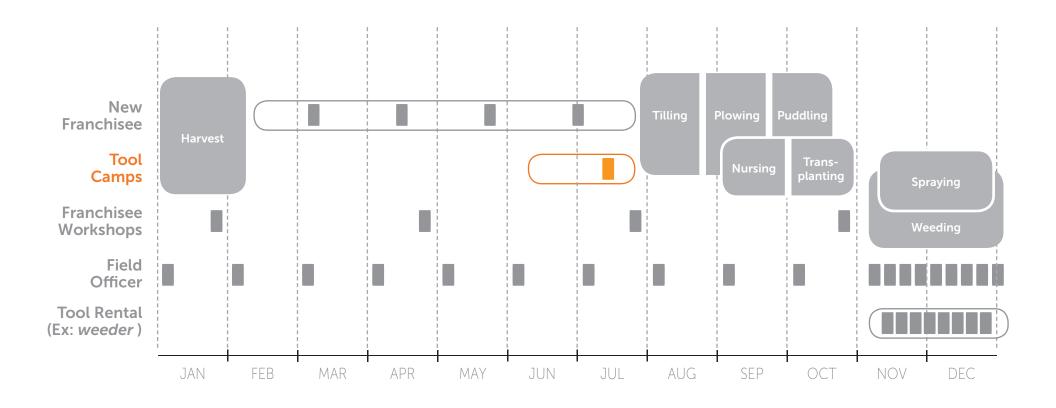


Today's objectives
WHAT WE DID
PILOTING PRINCIPLES
THE NEW FRANCHISE
TOOL RENTAL
SUPPORT SYSTEM
BRAND

NEXT STEPS



Arohana Touchpoints



TOOL CAMPS



When price is the only competitive advantage, a business can easily be taken over by competition.

Be about more than money and create a sustainable business by engaging farmers in a relationship.

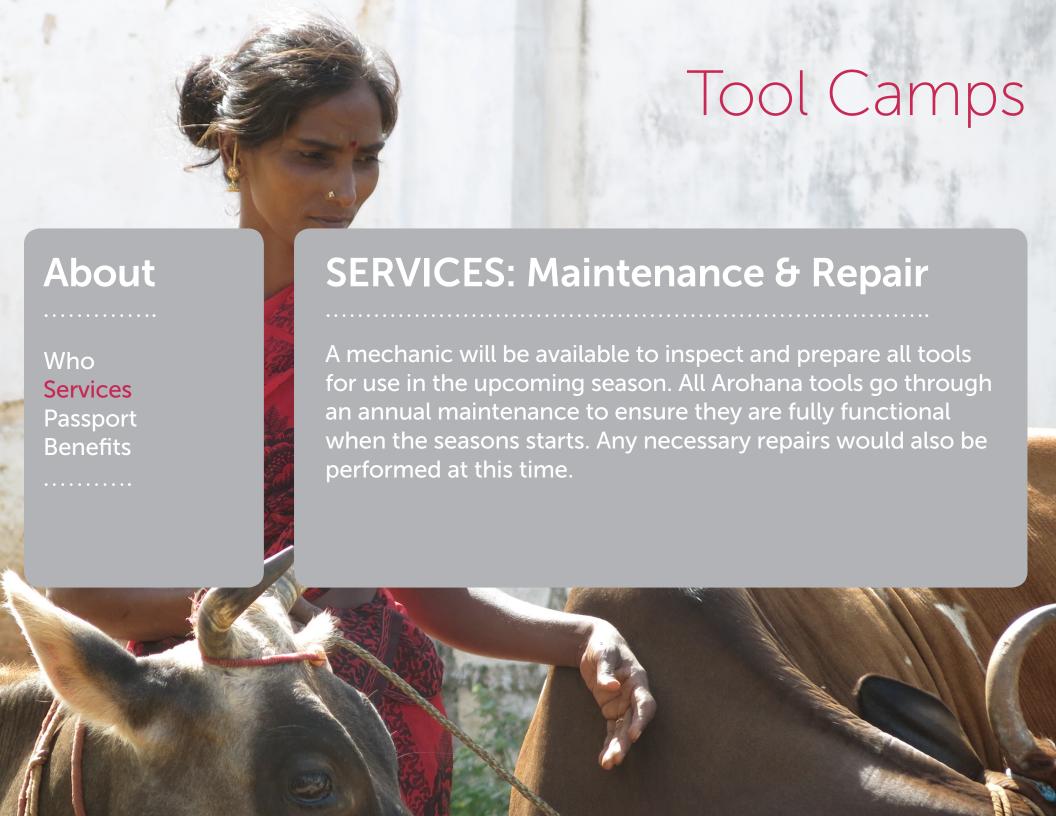
TOOL CAMPS

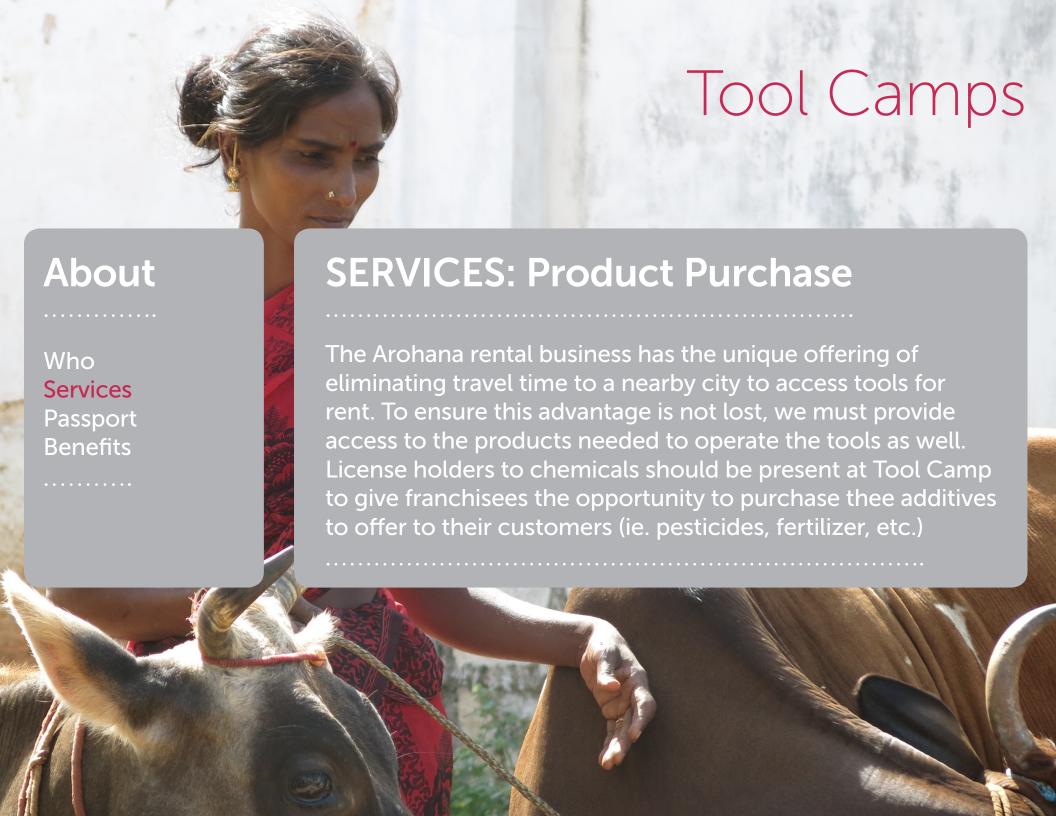
WHAT IS IT?

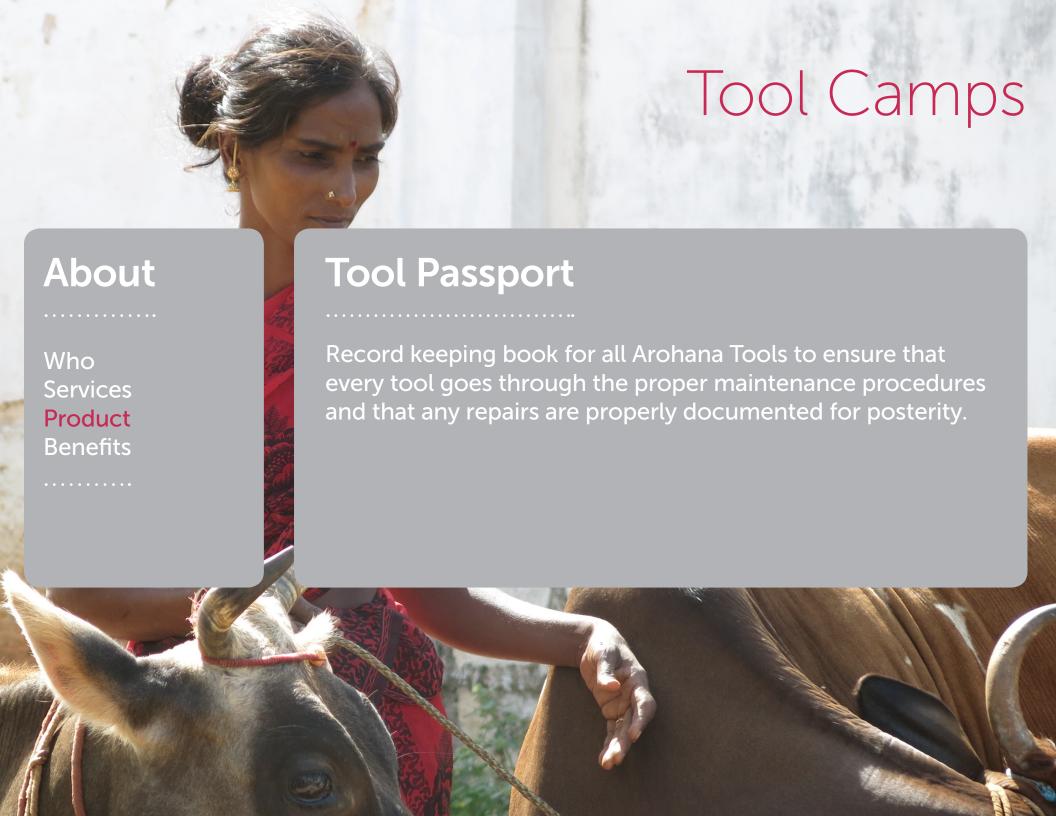
Before the rice season begins, franchisees have the opportunity to access affordable maintenance and repair.

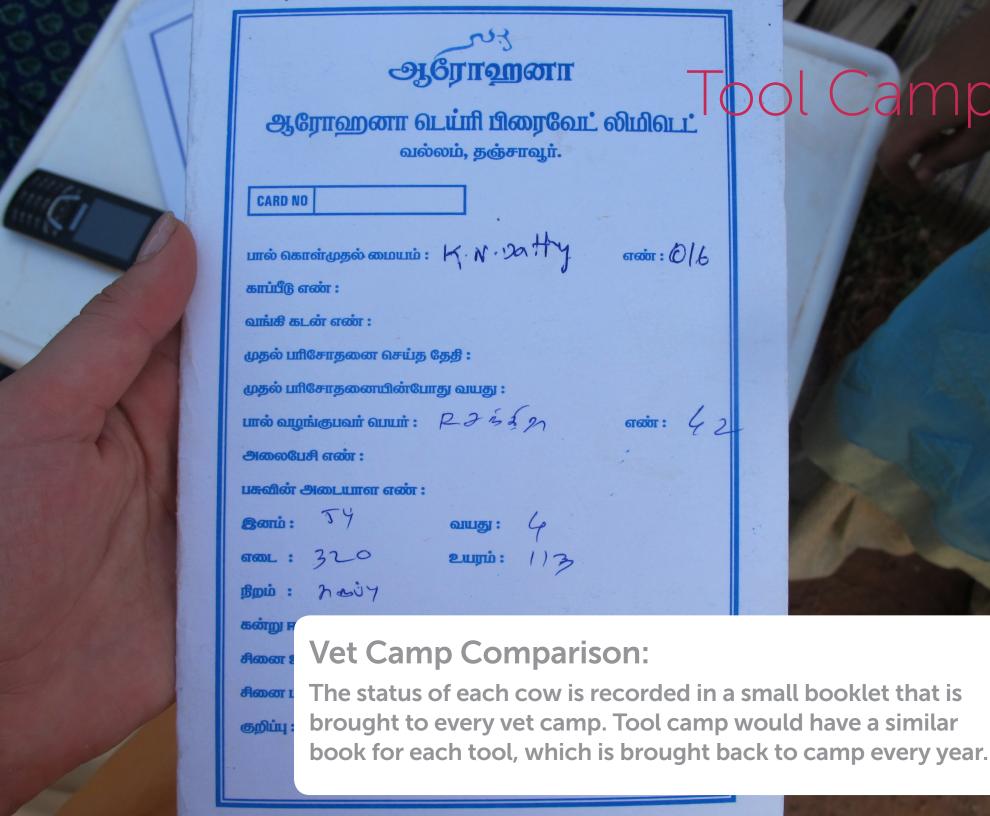














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Arohana tool number

Tool Passport

கருவி tool brand

power weeder: AGRIMATE

கருவி tool model name

PW210

கருவி serial number

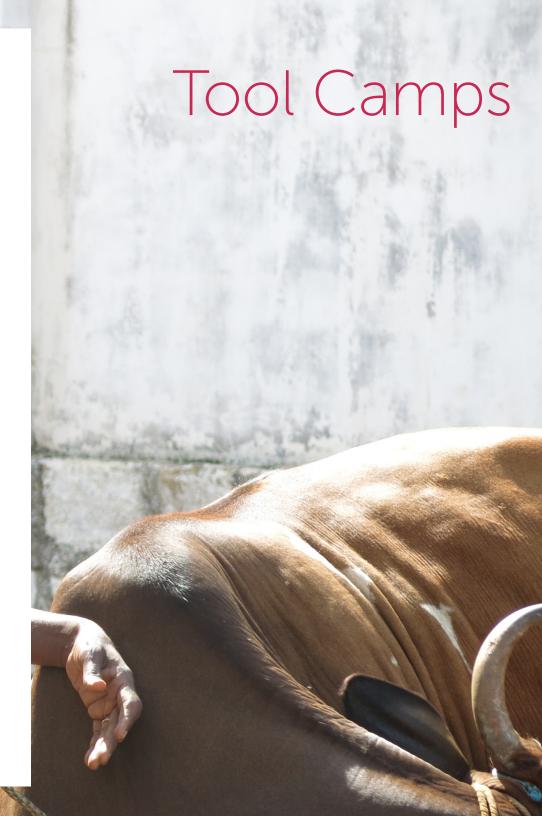
DF-546783274730

கிராமம் _{village}

vanniyampatti

தொழில்முனைவோர்

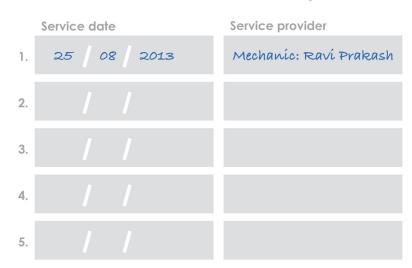
mala



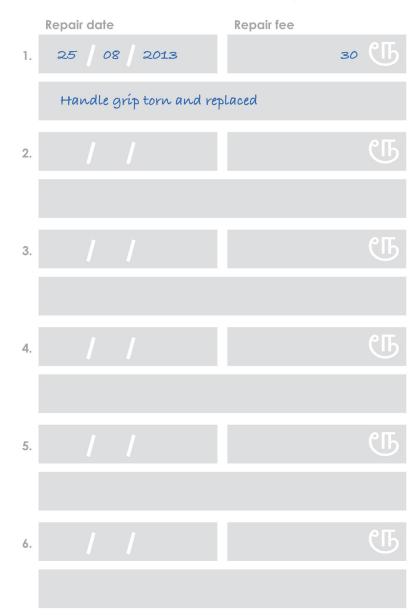
Annual Loan Repayment

	Repay due do	ate	Repay fee	
1.	25 01	2014	12,000 per year	ரு
2.		/		ரு
3.		1		ரு
4.		1		ரு
5.		/		ரு

Annual Check-up



Repair History





Tool Camps

About

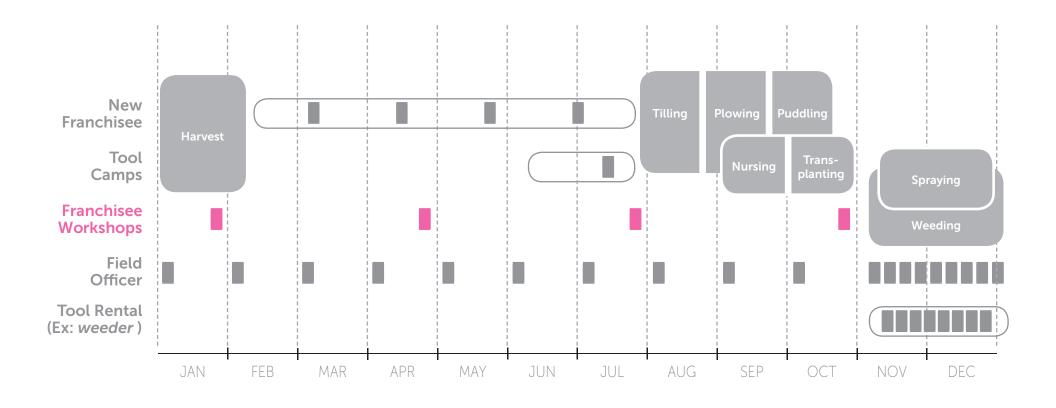
Who Services Product Benefits

Benefits to Arohana

Ensures proper maintenance of tools Strengthens community Brand value

Benefits to Franchisee

Increases the lifespan of their tool Access to necessary chemicals Access to a local mechanic for free or a low price



FRANCHISEE WORKSHOPS



Agriculture is constantly evolving and it's doing so faster than ever.

Continuously bring knowledge to your franchisees so they stay relevant as a business.

FRANCHISEE WORKSHOP

WHAT IS IT?

Gatherings of franchisees at the Arohana office to network and discuss business, exchange tips and learn about new technologies.







FRANCHISEE WORKSHOPS

About

Who Activities Benefits

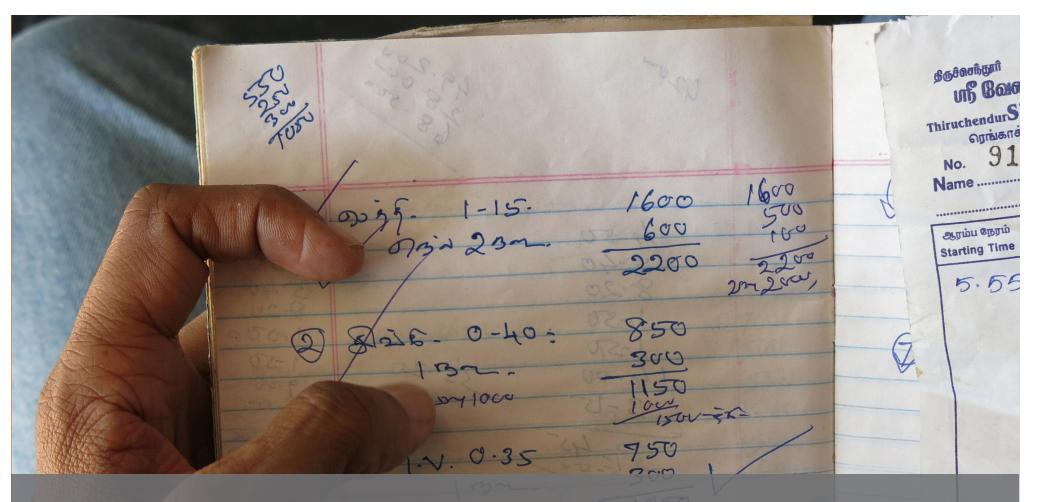
Benefits to Arohana

Continuous relationship with franchisees Community building Brand value

Benefits to Franchisee

Networking & community support
Access to publications
Access to more business tools
Demonstration of new technologies
Staying ahead of the game





Bank loan repayments don't coincide with the revenue schedule of seasonal rentals.

Become the financial interface between franchisees and banks.

WHAT IS IT?

Leveraging the existing system, the field officers are the franchisees point of contact at the village. They are also the recipients of loan payments during the appropriate rental season.

About

Who

Repayment Benefits

• • • • • • • • •

WHO

The current field officers have vast knowledge, trust and respect in the villages. Their highly regarded reputation is a gateway to introduce a home based form of support for the Arohana Tool franchisee.



About

Who Repayment Benefits

.

REPAYMENT

Revenue is only generated during a short time of the year when the tool in question is in demand. During this period the franchisee has the option to begin repaying the loan through the field officer that visits the village on a regular basis until a total for the yearly loan is reached. At the end of the season, Arohana takes this total paid and distributes it evenly through the following 12 months to pay the bank loans at the appropriate and expected times.

In this manner Arohana Tools acts a bridge between the bank and the franchise who work on different time schedules.







Annual due date

power weeder

vanniyampatti

mala

கருவி

கிராமம் _{village} தொழில்முனைவோர் franchisee

Loan Repayments

	Allifour doc date			Allifodi Tepay Tee			
	25 01 2014			12,000	ரு		
	Collection due date	Repay fee		Balance		Arohana signature	Franchisee signature
1.	25 10 2013	1,400	ரு	10,600	ரு	lu-	MALA
2.	05 11 2013	1,400	ரு	9,200	ரு	fam	MALL
3.	15 11 2013	1,400	ரு	F,800	ரு	fun	ALAM
4.	25 11 2013	1,400	ரு	6,400	ரு	fum	MALA
5.	05 12 2013	1,400	ரு	5,000	ரு	/ Jen	ALAM
6.	15 12 2013	1,400	ரு	3,600	ரு	fa-	MALA
7.	25 12 2013	1,400	ரு	2,200	ரு	ffu	MALA
8.	05 01 2014	1,400	ரு	800	ரு	frem	MALA
9.	15 01 2014	800	ரு	0	ரு	flum	MMA
			ρП		ρП		

Annual repay fee



About

Who Repayment Benefits

Benefits to Arohana

Building on existing systems Encourages timely payments

Benefits to Franchisee

Opportunity to take on loans even under seasonal pressure Comfort and convenience of pay Avoid bank relationships

Today's	objectives
Today's	objective:

WHAT WE DID
PILOTING PRINCIPLES
THE NEW FRANCHISEE
TOOL RENTAL
SUPPORT SYSTEM
BRAND
NEXT STEPS

We explored many name options with the local community:

SMALL FIELD
GROW FLOWER AGENCY GENTLE SHARE GREEN



Use the Arohana brand name to give the new business immediate credibility.

Be descriptive and straight forward about what the business does.

The rented tools will be self-promoting.

Additional marketing material is unnecessary in a village were everybody knows everybody.



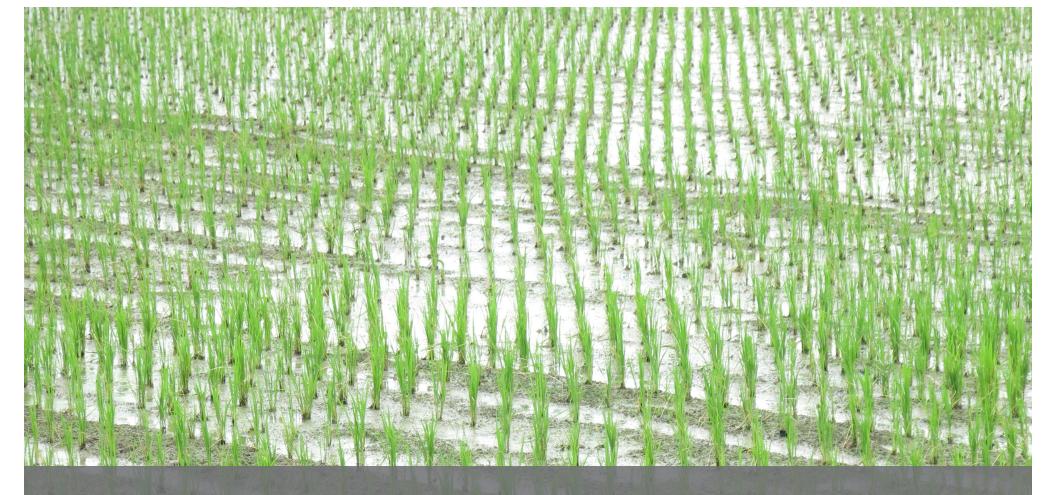
Branding the tools.

Branded stickers on the rental tools make obvious that it isn't private property but part of a business.



Today's	objectives

NEXT STEPS
BRAND
SUPPORT SYSTEM
TOOL RENTAL
THE NEW FRANCHISEE
PILOTING PRINCIPLES
WHAT WE DID



Cultivating rice requires much knowledge and many tools.

First become an expert for:

Field Preparation

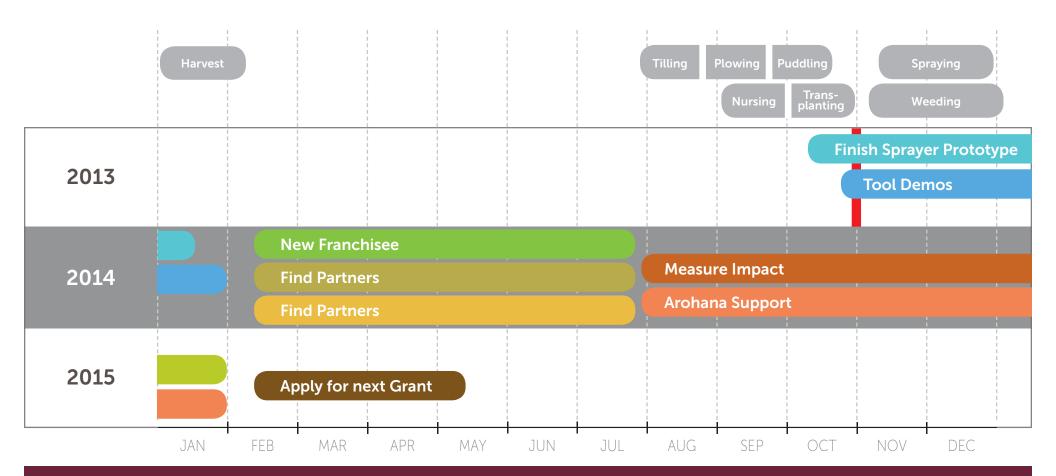
Power Tiller | Multipurpose Inter Cultivator

Spraying

Manual Sprayer | Battery Sprayer | Power Sprayer

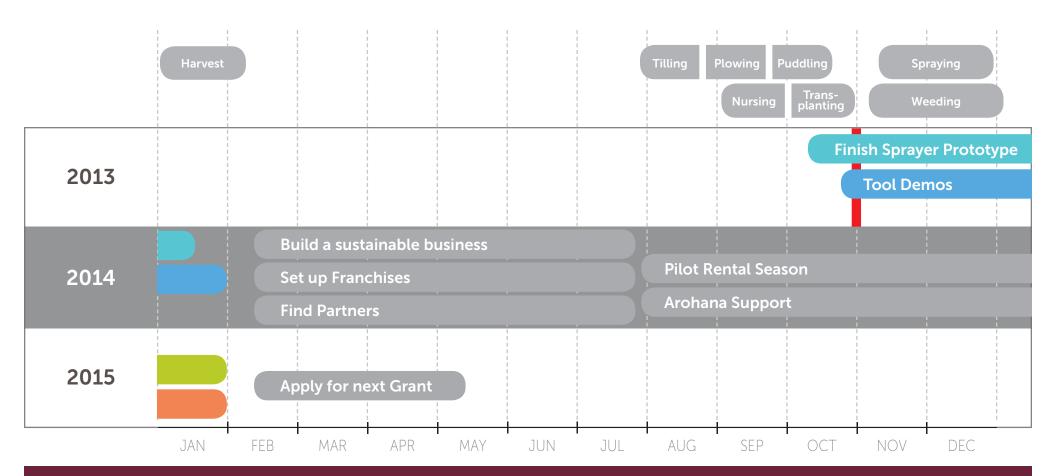
Weeding

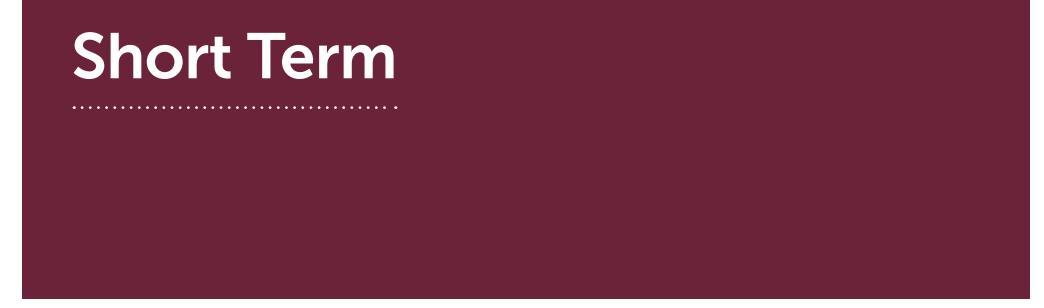
Cono Weeder | Power Weeder



Timeline

Short Term | Prep | Pilot





Sprayer Prototype

OVER THE COURSE OF RENTAL CYCLE

Answer the "help line" and take notes.

AT THE END OF THE PROTOTYPE

Collect sprayers.

Offer to purchase the sprayer.

Take pictures of the business tools they have adapted.

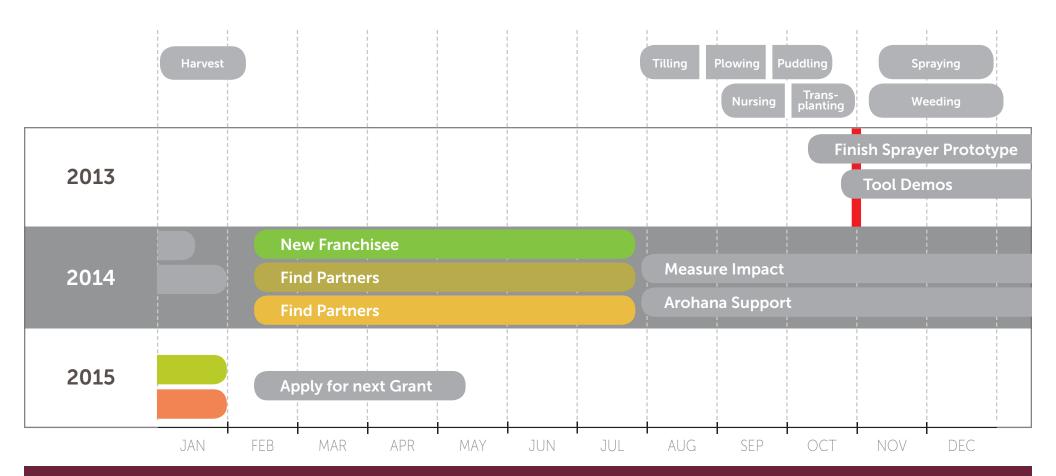
Total revenue from the sprayer rental?

If you did it again, what would you do different?

Tool Demos

Identify villages with a high potential for franchises.

Use the ongoing season to demo tools that couldn't be used in off-season.





GOAL

Build a business model that's profitable for Arohana, Franchisees and farmers alike.

Set up franchises

Conduct VILLAGE ASSESSMENTS

Find THE RIGHT FRANCHISEES

Facilitate TOOL DEMOS

DELIVER AND TRAIN franchisees on tools

Build a sustainable business

Find the key variables for your financial model.

Define your tool utilisation rate.

Collect reverences by approaching the competition.

Find Partners to become a service provider

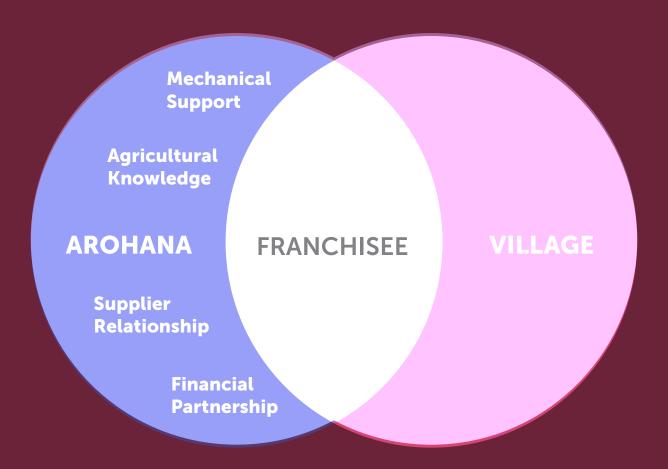
Mechanic (annual check ups, emergency repair)

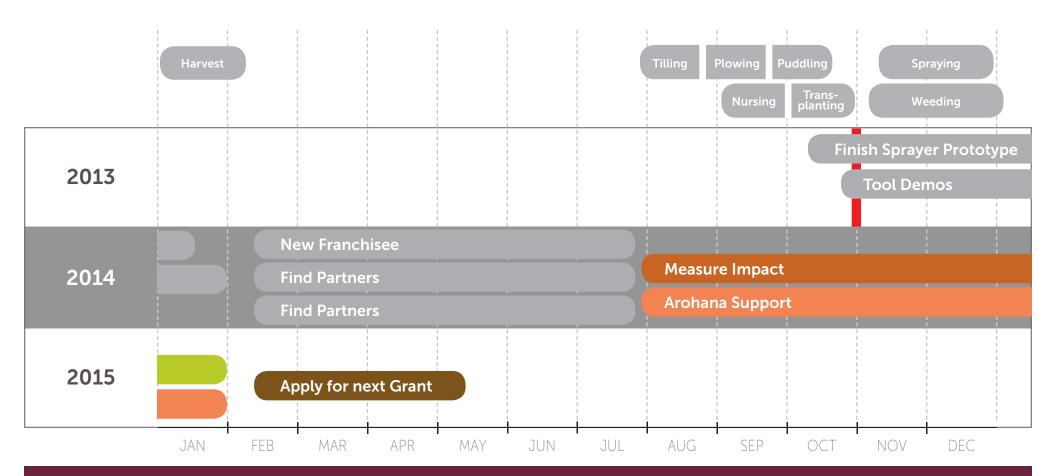
Agricultural Specialist (soil health, spraying)

Suppliers (tools, pesticides, seeds)

The franchisee is the villages' link to Arohana and its partners.

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GOAL

Test the business model in a pilot to measure its impact.

Impact for farmers

Farmers are able to cultivate rice despite a rigorous labor shortage.

Farmers reduce cost during rice cultivation.

Farmers improve rice cultivation productivity.

Farmers adopt new farming practices.

Impact for the business

Franchisees generate enough revenue to pay the annual loan repayment.

Franchisees establish local jobs for tool operators.

Franchisees get closer to owning a tool that otherwise would have been inaccessible to them.

Support the business

TOOL CAMPS

FRANCHISEE WORKSHOPS

FIELD OFFICER

Apply for the follow up grant!

Good luck,

and let us know how we can help!