

Tech*powering*

Agribusiness for over
two decades



MAQ
COMPUTER SERVICES LLC

FARM
QUIC

www.maquae.com



MAQ
COMPUTER SERVICES LLC

**Most Trusted
ERP Platform
for Agriculture &
Agribusiness**

600K

Acres Managed

25+

Countries

500+

Deployments

600+

Screens

25+

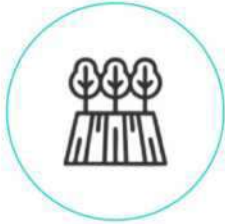
Modules

12+

Verticals

www.maquae.com

VERTICALS WE SERVE



Farms &
Plantations



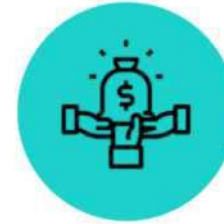
Pack House &
Exports



Contract
Farming



Government
Institutions



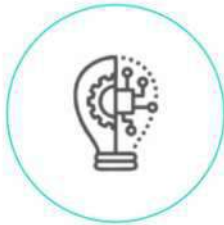
Funding
Agencies



NGOs



Hydroponics /
Greenhouse / Nursery



Research &
Development



Plant Tissue
Culture



Agri Input
Companies



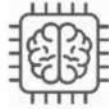
Foundations



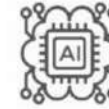
Research &
Development

THE FUTURE OF FARMING – AGRICULTURE 4.0

Machine Learning



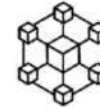
Artificial Intelligence



Computer Vision



Blockchain



IoT Devices / Hardware



Web Platform



Speech to Text UX



Mobility Platform



Statistical Modelling



Multilingual Interface



Single
Sign on
Experience



MODULES



Farm Profile



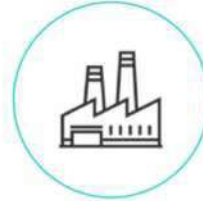
Contract Farming



Planning



Production



Post Production



Quality Control



Purchase



Inventory



Sales



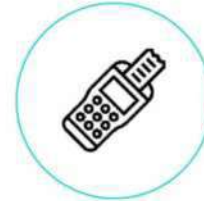
Accounts



Traceability



Biotech



POS



Farmer Extension



Export Document



MIS Reports



Analytics



Maps



Human Resource



Dashboard

Integrated Farm/Plantation Management



**Planning and
Scheduling**



**Human Resource
Management**



**Cultivation and
Inventory**



**Agriculture Inputs
Management**



**Harvesting, Post
Harvest, Sales**



**Financial
Management**



**Post-Production
Process - Exports**



MIS



Good Agriculture Practices/ Quality Certifications Compliance

Contract Farming / Out - grower Management



**Farmer Registration
& Farmer Contract**



**Input & Services
Provided to Farmers**



Procurement



Sales Pricing



Yield Estimation



**Observations &
Recommendations**



Farmer Payments



MIS Reports



Integration with Accounting system

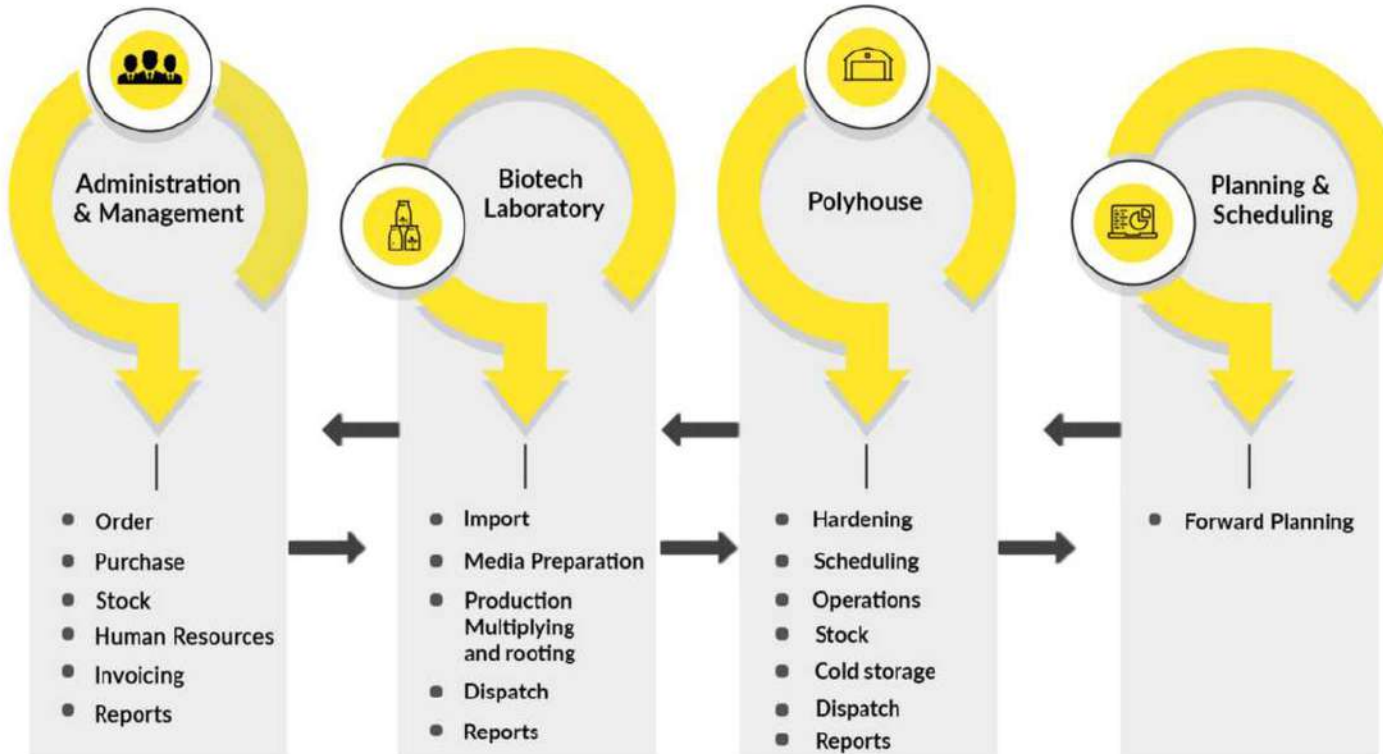
Livestock Management



**Perfectly Aligned with Planning,
Production and Inventory for Livestock
Management.**

Biotech/Tissue Culture

Biotech/ Tissue Culture Lab Management

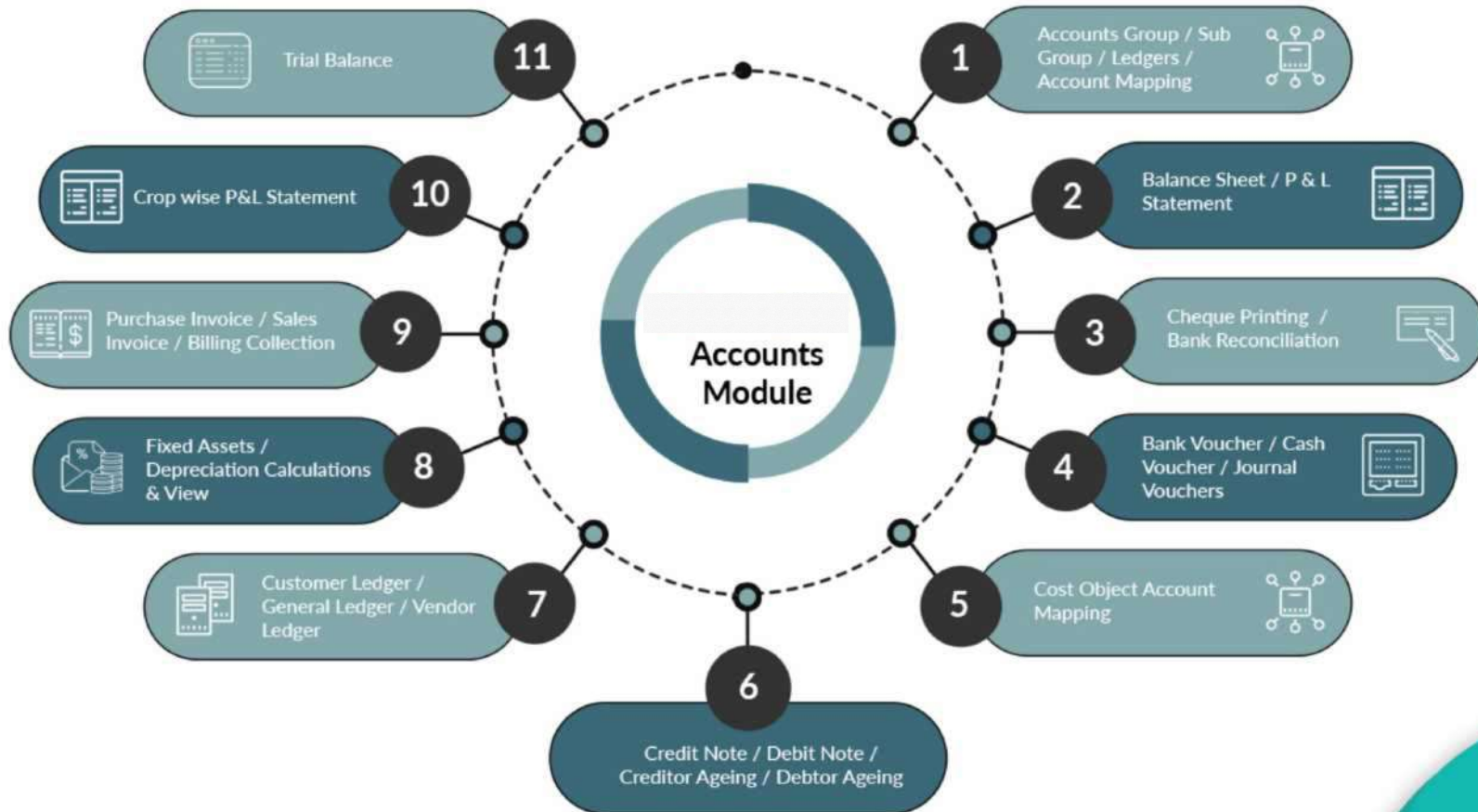


End-to-end Tissue Culture /
Biotech Laboratory
Management Module
integrated with Accounts and
Human Resources

Native Mobile App (Android, IOS)



Full - fledged Accounts Module





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Processes



Planning



Growing &
Quality

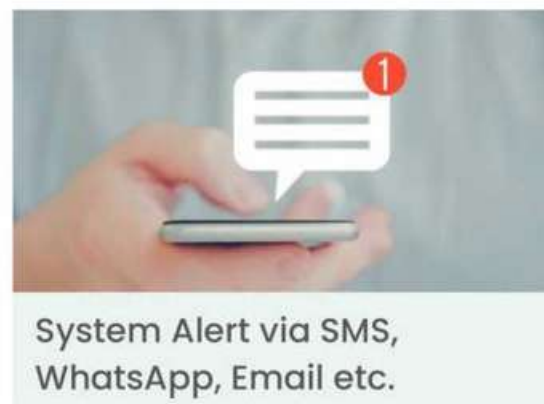
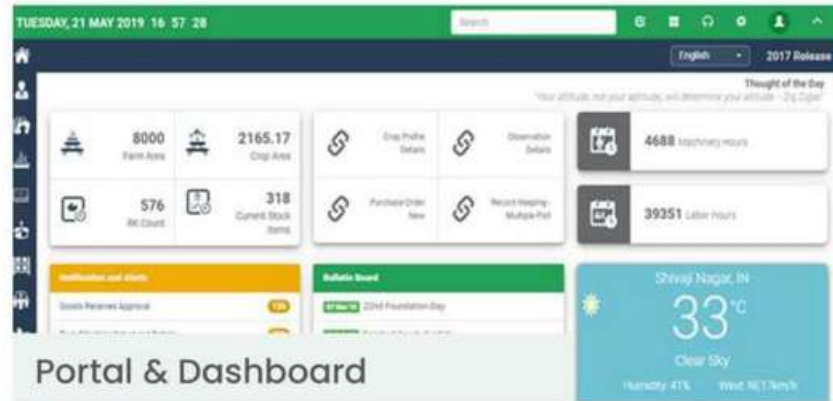


Procurement &
Packing



Shipping &
Traceability

COMPONENTS





Interface



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**FARM
QUIC**

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MACHINERY HOURS

0 | 1520

Estimated | Actual

LABOR HOURS

0 | 10047

Estimated | Actual

FARM AREA

0 | 3000

Estimated | Actual

CROP AREA

0 | 305

Estimated | Actual

RK COUNT

0 | 292

Estimated | Actual

CURRENT STOCK ITEMS

0 | 134

Estimated | Actual

System Alerts ⁵

Bulletin Board ⁴

Goods Received Notification
May 18 2021 12:30PM

Goods Received Approval Notification
May 18 2021 12:30PM

Material Indent Approved Notification
May 18 2021 12:30PM

[View All](#)

Farm Details



Crop Details

Mango

Subplots
2

Crop Area
15 HA

Total Trees
1500

Age
-



Onion

Subplots
2

Crop Area
10 HA

Total Trees
0

Age
-



Tomato

Subplots
3

Crop Area
20 HA

Total Trees
12500

Age
-



TUESDAY, 21 JANUARY 2020 15 21 51









English

2018 Release

Today

7 Days

30 Days

01/04/2000

21/01/2020

Site All

Crop All

Labour	117.8K	[117.8K]
Machinery	510.6K	[510.6K]
Seed / Seedling	16.5K	[16.5K]

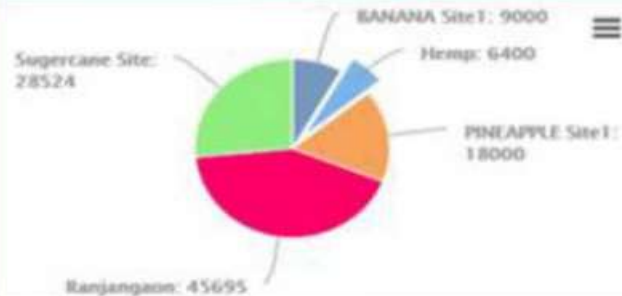
Fertilizer	53K	[53K]
Agrochemical	1.6M	[1.6M]
Cultivation	152.6M	[152.6M]

Post Production	445.1K	[445.1K]
Total Production	153.2M	[153.2M]
Other	71.6K	[71.6K]

LABOUR

117.8K
INR

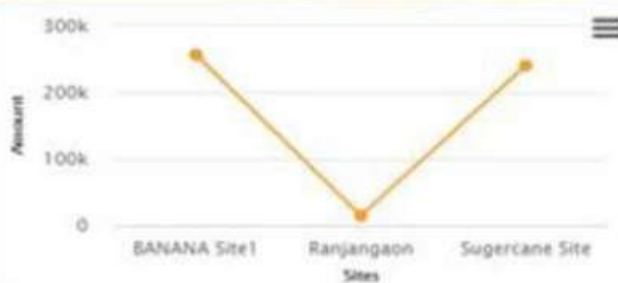
54.27 INR / ACRE [117.8K]



MACHINERY

510.6K
INR

315.21 INR / ACRE [510.6K]



SEED / SEEDLING

16.5K
INR

21.21 INR / ACRE [16.5K]



TUESDAY, 21 JANUARY 2020 15 : 27 : 36



English

2018 Release

Today

7 Days

30 Days



01/04/2000



21/01/2020

Site

All

Crop

All



Sowing / Planting

5.7K Acre [4]

Yield / Harvest

642.4K Kg [642.4K]

Irrigation

13.4M Lit [9.1K]

Seeds

18 Acre [18]

Fertilizer

24 Acre [0]

Machinery

16 Nos [2]

Labours

26.1K Hrs [954]

Agrochemical

31 Kg [0]

Tasks

0 Nos [0]

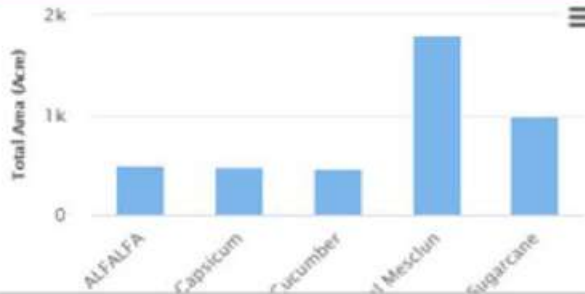
SOWING / PLANTING



5.7K

ACRE

[4 Acre]



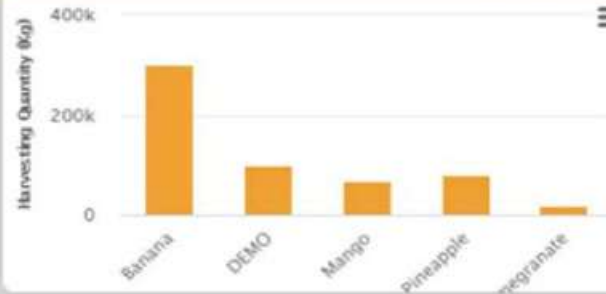
YIELD / HARVEST



642.4K

Kg

[642.4K kg]



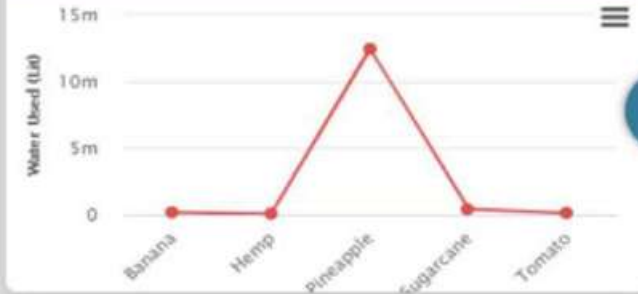
IRRIGATION



13.4M

Lit

[9.1K Lit]



PACKHOUSE PROCESS ANALYSIS

TUESDAY, 21 JANUARY 2020 15 : 26 : 16

Search



English

2018 Release

Today

7 Days

30 Days



01/04/2000



21/01/2020

Site

All

Packhouse

All

Harvesting

[8M Kg]

Packaging

[1M Kg]

Packaging (Boxes)

[205K Nos]

Weighing

[1.1M Kg]

Rejection

[324 Kg]

Pallatization

[45 Nos]

Pre-Cooling (Boxes)

[1K Nos]

Pre-Cooling(Pallets)

[46 Nos]

Container Loading

[4 Nos]

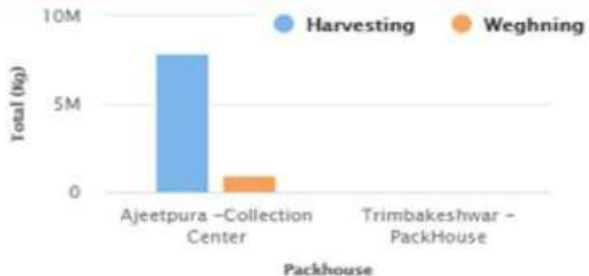
HARVESTING AND WEIGHING



HARVESTING

8M
Kg

[8M Kg]



PACKAGING AND REJECTION



PACKAGING

1M
Kg

[1M Kg]



PACKAGING (BOXES)



205K
Nos

[205K Nos]

Trimbakeshwar
-PackHouse:
4972



Ajeetpura -
Collection

TUESDAY, 21 JANUARY 2020 15:24:04



English

2018 Release

Today

7 Days

30 Days

01/04/2000

21/01/2020

Site All

Crop All

Farmers	54 No [54]
Villages	33 No [33]
Income	0 Income [0]

Crops	6 No [6]
Estimated Yield	63.3K Tons [6K]
Expenses	0 Expenses [0]

Area	187 Acre [187]
Production	0 Quintal [0]

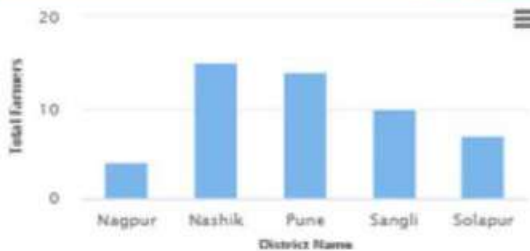
FARMERS



54

Farmers

[54 Farmers Till Date]



VILLAGES



33

Villages

[33 Villages Till Date]



AREA



187

Acres

[187 Acre Till Date]



FRIDAY, 21 AUGUST 2020 13:00:41



English

2018 Release



919

Farmers



2268.35

Area [Acres]



33

Crops



0

Programs



Products



0

Dealers



Sales [INR]



1847

Repository



Maps

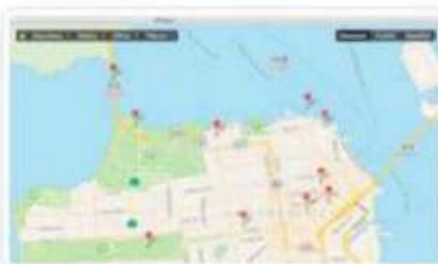
THURSDAY, 11 OCTOBER 2018 20:27:39



2017 Release



Plot Detail - Plot 1



Plot Code

C001

Plot Area (Acre)

10

Proposed harvesting Date

22/09/2018

Crop name

Mango

Planting/Sowing Date

22/06/2018

Estimated Yield (Kg)

252225

Crop Variety

Hapus

Irrigation Type

Surface Drip

Expense

1050000 RS

Income

1000000 RS

Activities (10)

Agrochemical
10/09/2018

Irrigation
13/09/2018

Fertilizer
15/09/2018

Fertigation
21/09/2018

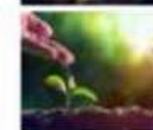
Irrigation
25/09/2018

Agrochemical
30/09/2018

Observation (5)



Soil Analysis (06)



Analytics

Business intelligence for you

Machinery Analysis

22 Nov 2000 - 21 Jan 2020

All Sites

0
Total Trees

24220
Total Area Acre

Fuel Cost
122936.4

Rented Cost
483250

Maintenance Cost
0

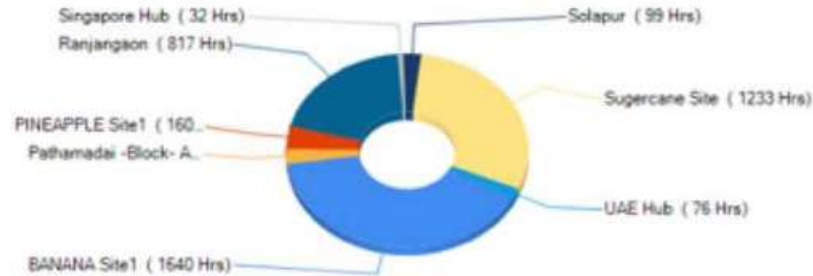
Total Cost
606186.4

2238 Total Hrs

0
Avg. Cost (INR) /
Tree

25.03
Avg. Cost (INR) /
Acre

Site Wise Machine Hours



Site Wise Fuel Costs



AN014.1 Safe to Harvest Dashboard

Site

All

Plot

All

Sub plot name

All

Crop Name

All



April 2020



Days	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
CMA-NOM >> Eucalyptus-Clone																														
Plot 2 >> Brinjal(Tridev)SP2																														
Plot 5 >> Guava-Dharwar																														
Plot 5 >> Mango-Kesar																														
Plot 7 >> Pigeon Pea(Tur Dal)																														

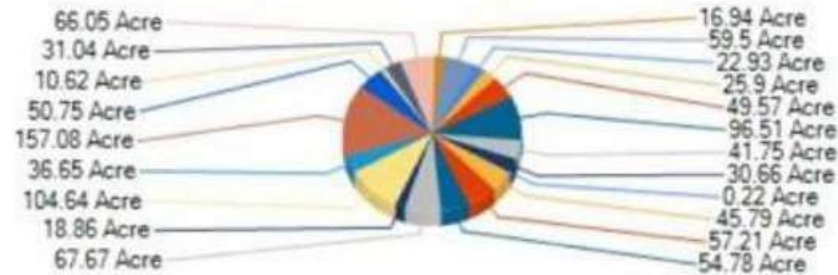
Chemical : Beejamrut , PHI : 21 days , Spray Date : 06/04/2017

Chart

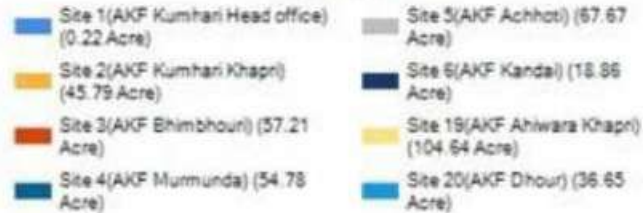
Farm details

Crop Details

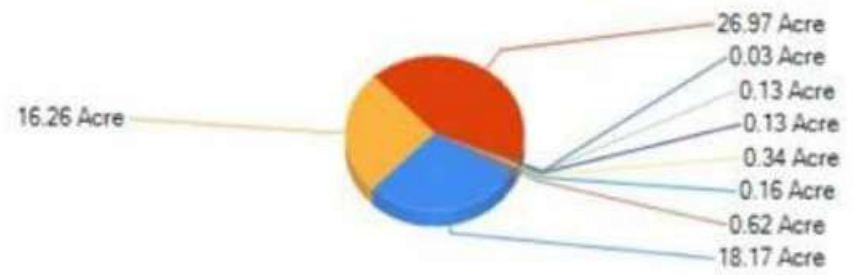
Farm Name FamERP Demo



Farm Details

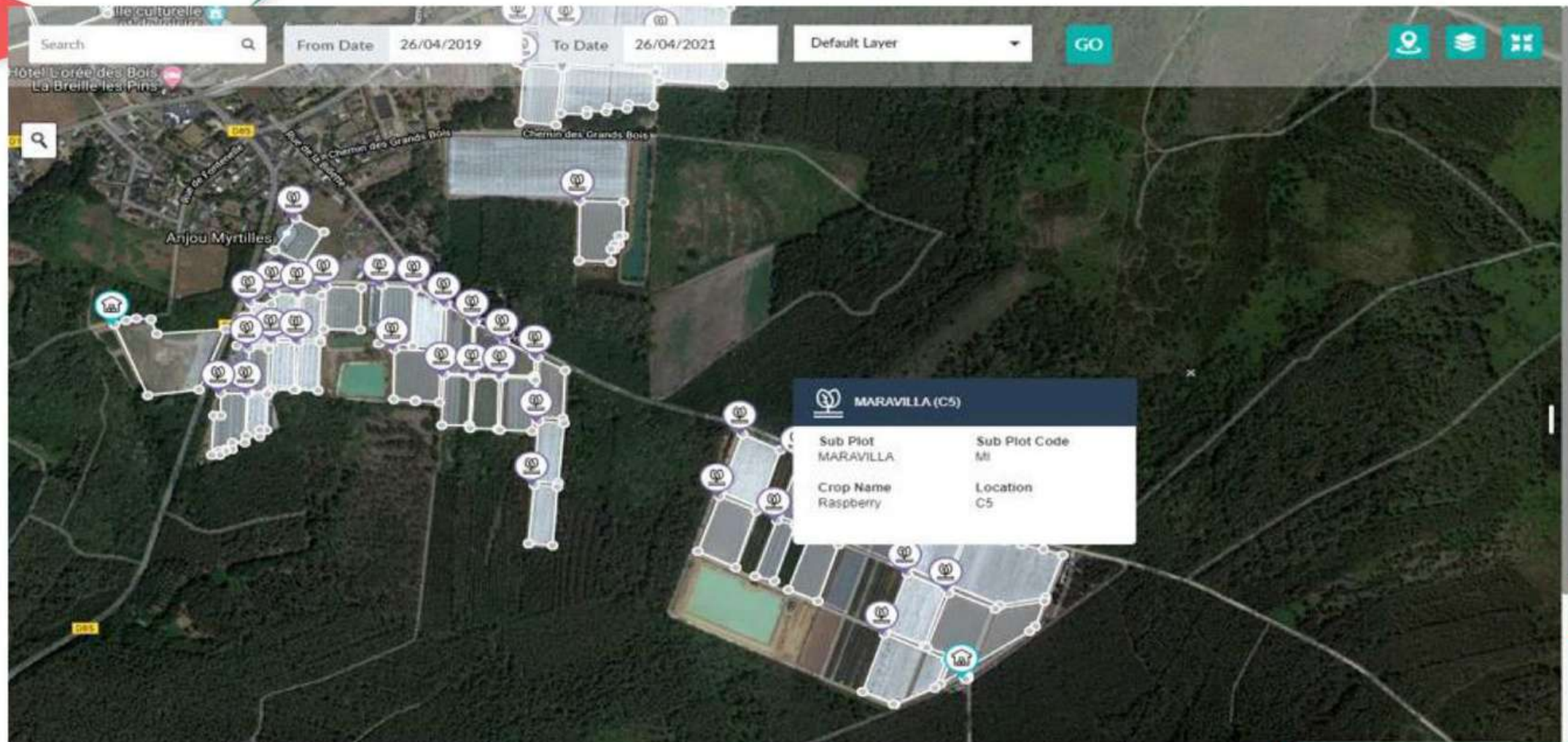


Site Name Pune



Site Details





FRIDAY, 21 AUGUST 2020 12:44:52

Search



GIS Crop Profile Details

Search



21/08/2018

21/08/2020

GO

Map

Satellite

Crop Profile



SIV-6 (SG-06)

Crop Name - Neem

Variety - A.Juss

Tree Code - SIV-1 - SG-06 - 311

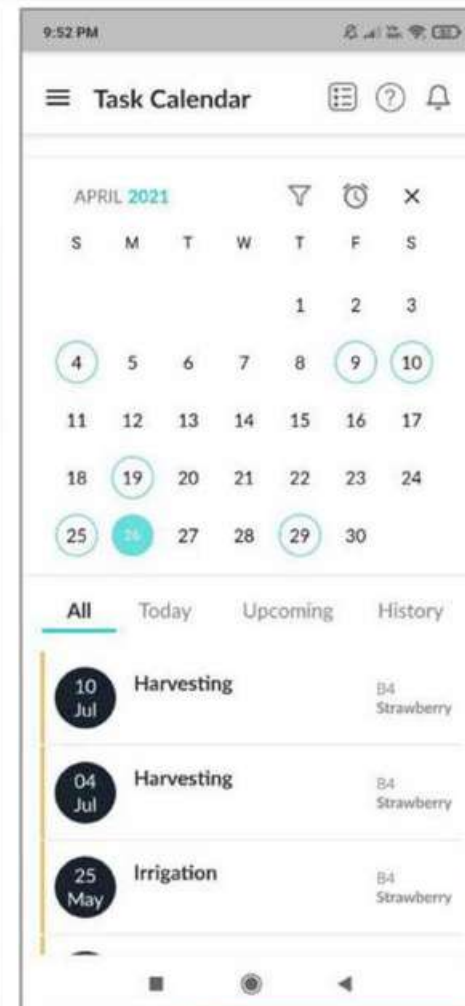
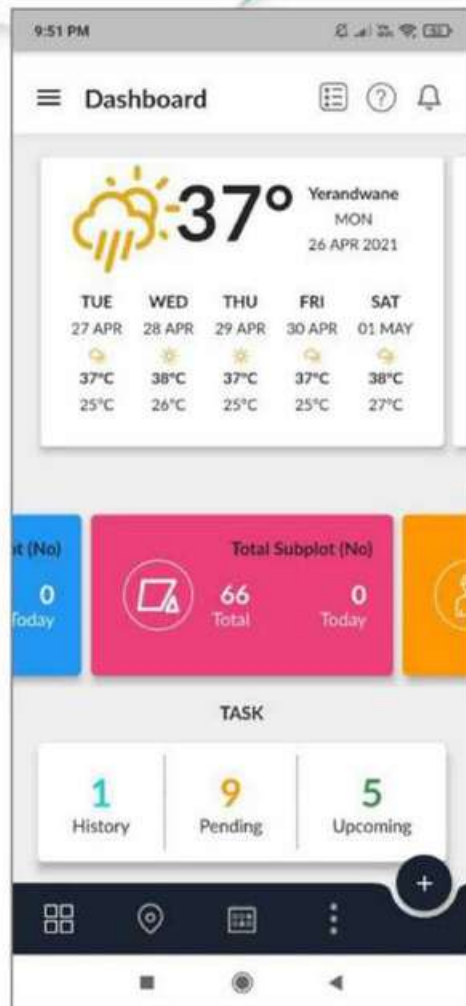
Crop Status -

Crop age -

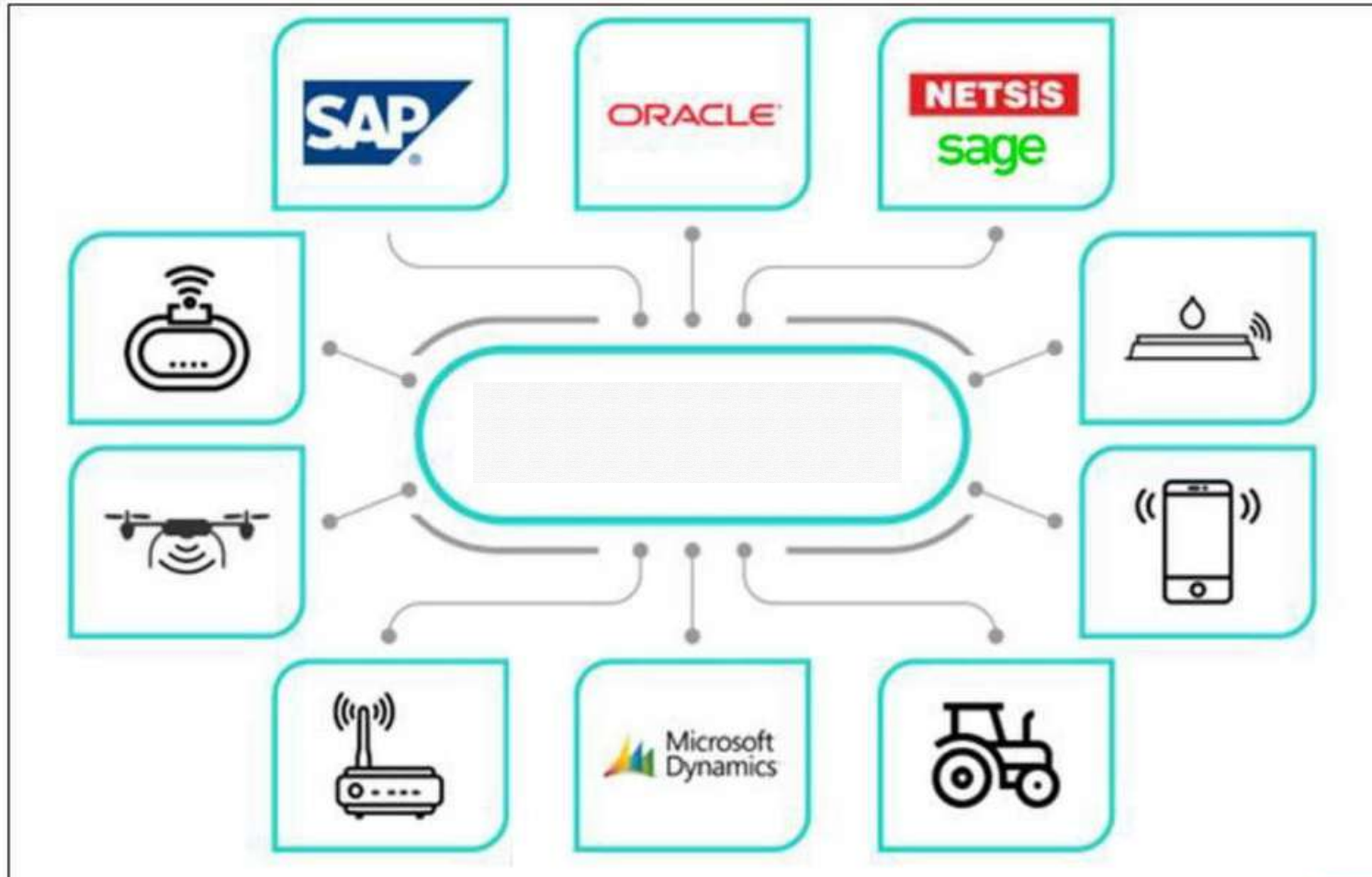


FARM TO FORK TRACEABILITY





INTEGRATION CAPABILITIES



CUSTOMIZATION ROADMAP



IMPLEMENTATION ROADMAP

Introduction Meeting

Business Process Walk Through

Setting up test server environment

Master Data

Client Training

Trial Runs / Transactions Practice

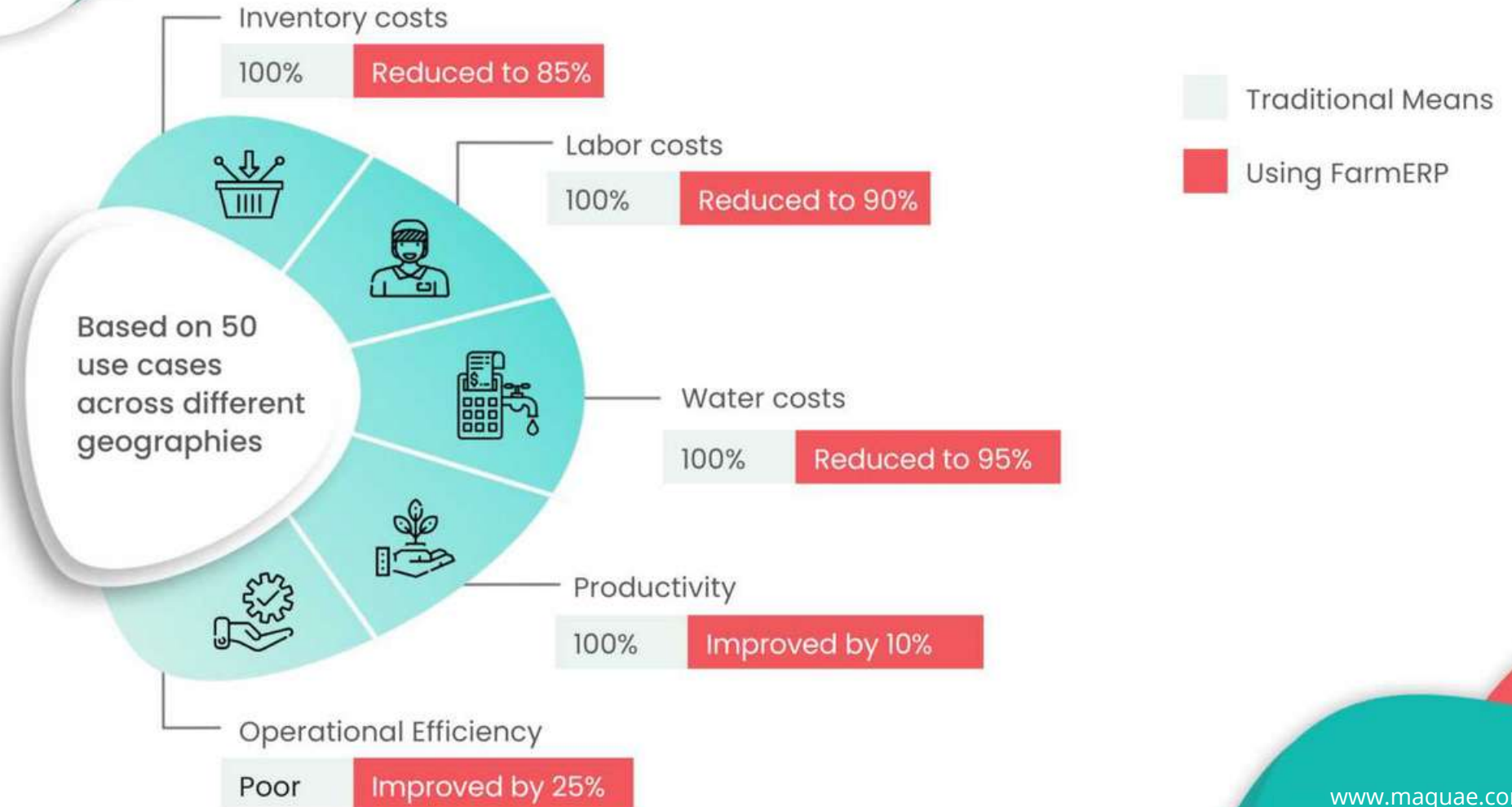
Setting up production server environment

Data Migration

Go-Live



VALUE PROPOSITION





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Use Cases

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AgVisors - Bio Tecnología Mundial, S.A.



**Standard and Contract Farming
Operations**



Implementation Year 2019/2020

- Bio Tecnología Mundial, S.A. is Panama, based organization, which is carrying out open farming activity in Los Olivos, Toza, San Francisco areas of Panama.
- The total farm area is of 700 hectares divided between three locations.
- Mainly grows fruits like Mangos, Bananas, Melons, Avocado, Plantains, etc.
- Currently 300 Hectares of land is under cultivation and additional 400 hectares of land is being developed for further agricultural activities.



Horana Plantations Plc



Farms & Plantation



Implementation year 2020

- Sri Lanka's largest plantation company
- Producing Ceylon's finest Tea and Rubber
- Crops : Rubber, Tea, Oil Palm and Forestry Crops
- Area under cultivation – 6500 Ha
- Implementation year 2020





Mahindra Agri Solutions Limited



Contract farming, Packhouse and Exports Operations



Implementation Year 2016

- India's Leading fresh fruit exporter company
- Involved in large scale contract farming operations
- Procures Grapes from farmers more than 2500
- Perform end-to-end packhouse activities
- More than 1000 Containers a year exported to European countries
- Integration with SAP Hana
- End-to-end field operations captured in FarmERP and integrated with SAP Hana for farmer payments.





Azersun Holdings Group



Standard Farming



Implementation started 2015

- Azerbaijan's largest Agri-business company
- Crops : Soybeans, barley, wheat, green peas, maize, sunflower, tomatoes, cucumbers, peppers etc.
- Area under cultivation - 10,000 Ha. – Cultivation is 2 times a year.
- 400,000 Pomegranate trees under plantation
- Integration with UNITY
- Extensive use of FarmERP Mobile App by Agronomists and Field people
- Implementation year 2015



Nelna Agri Development Pvt Ltd



Mango Plantation & Point of Sale



Implementation Year 2018

- **Total Plantation area : 250 HA**
- **Crops under plantation : Mango**
- **Leading Mango Plantation Company having planted 65000 trees on 5 different geographical sites is one of the largest mango orchards in Sri Lanka.**
- **Produce is sold through company owned retail outlets.**
- **Fresh fruits are exported to UK and other European countries.**



Wallendal Farms



Standard Farming



Implementation Year 2018

- Family owned farm in Wisconsin, USA
- 4000 Acres mechanized farm operations
- Crops – Forage Corn, Snap beans, Pumpkins, Cucumbers, Organic produce
- Pivot irrigation



Million Dates Plantation Project



Date Palm Plantation



Implementation year 2016

- Project of 1 Million Date Palm Plantation in the Country
- 3" x 2" QR Tag fixed on each Date Palm tree
- IP Cameras installed for Crop Scouting
- Integration with Rain-Bird Irrigation System and Weather Station
- Implementation year 2016
- Project second phase is in progress



Tawoos Agricultural Systems LLC



Standard Farming - Vegetable



Implementation Year 2018

- Total Area: 1200 HA
- Crops under cultivation are all Vegetable crops like Beans, Beetroot, Bitter Gourd, Cabbage, tomato etc
- The Company manages indigenous operation that includes growing, grading, packing and shipping at 6 different Locations.
- Production output has grown from 2000 tons in the early years of the project to 20,000 tons now



Silk Water Group LLC



**Greenhouse / Hydroponics
Operations**



Implementation Year 2018

- **Silk Water Group LLC is Georgia based organization, which is carrying out Greenhouse farming activities in Nasim Shahr, Tehran.**
- **Total farm area is of 17 hectares.**
- **Mainly grows exotic vegetables like Cherry Tomatoes, Italian Basil, Lettuce, etc.**
- **Three greenhouse and a nursery to carry out their agricultural activities.**



Anadolu ETAP Group



Standard Plantation



Implementation Year 2016

- Anadolu ETAP is one of the leading fruits producer and exporter in Turkey.
- Plantation area 27000 Decare.
- Crops under cultivation are Apples, Peaches, Nectarine, Olive etc.
- Anadolu ETAP has reached 3.5 million planted fruit trees in five different regions on 10 different farms.



Plantheon Group



Farms & Plantation



Implementation year 2014

- **Thailand's biggest Agricultural and Agro Industrial Group**
- **Rubber, Sugarcane, Paddy, Orange and other economic crops such as Oil Palm, Eucalyptus.**
- **Area under cultivation – 40000 Acres**
- **Integration with Microsoft Dynamics**
- **Implementation year 2014**



Contact Us

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