



# Agrobit

intelligent agriculture

Sustainable management of  
agricultural production, logistics and  
agribusiness.



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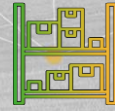
To increase food production, reduce  
costs and time, protect the environment  
and ensure food quality with traceability.

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# Benefits



Profitability measurement of agricultural and livestock activities and production analytics.



Stock control of input and production.



Current weather condition and forecast by fields.



Automatic planning, budget and recommendations for decision making.



Real-Time market prices local and international.



Devices and machines connected to monitoring activities in real time, precision agriculture, maps, satellite images and drones.



Predictive alerts to risk control.



Traceability management to identifying and tracing the production processes during all stages and following standards for quality



Product transportation optimization, planning and trips, drivers and connected vehicles control.



Agronomic specialist team to help you improve your processes.



Available at anytime, anywhere.



Collaboration and integration among members of the agribusiness chain.



# Characteristics



## Traceability

Manages the chronological information of agricultural and livestock activities, through all stages of production, processing and distribution, following standards that help certification of origin and quality of products, certifies the information of sensors, machinery and satellite images as technical backup of the quality of the food.



## Real time alerts and indicators

Automatic alerts of changes or forecasts, analytics of management indicators in real time by establishments, activities and fields, reports are available for every device anywhere.



## Planning and budget

The planning and dynamic budgets based on recommendations, forecasts and learning impact on the flow of funds, requirement of materials and production tasks generating work orders, reserves of materials, labor and machinery allowing a daily follow-up of tasks and use of resources, in turn, allows the recording of the production estimate allowing manual or automatic updating as production variations occur.



## Agricultura y Ganadería 4.0 – IoT

- Connect field devices, machines, animals, vehicles, sensors, monitors.
- Integrate information with management to improve decision making.
- Incorporate information from satellite images and weather stations for predictive analysis.
- Stores location data of people and machinery automatically for the registration of transactions (GPS, RFID Tags, bar codes, etc.)
- Analytics of satellite images and productivity drones, anomalies and stress.

# Characteristics



## **Mobility**

Mobile application for tablets and mobile phones to collect data in the geo field, referencing the sampling points, monitoring the inspection plan, monitoring of fields with analysis of satellite images, task registration, transport and operator administration, production registration and more functionalities.



## **Knowledge bases**

Knowledge bases and good farming practices recommendation, automation of operative process and predictive analysis.



## **Work orders**

Collaborative work orders to assign contractors and workers and share control of operations.



## **Approval workflow**

Management and control workflow to speed up internal processes.



## **Logistics**

Management and control of vehicle traffic, containers, drivers, origin and destination, weight, trip control, etc. complying with all requirements.

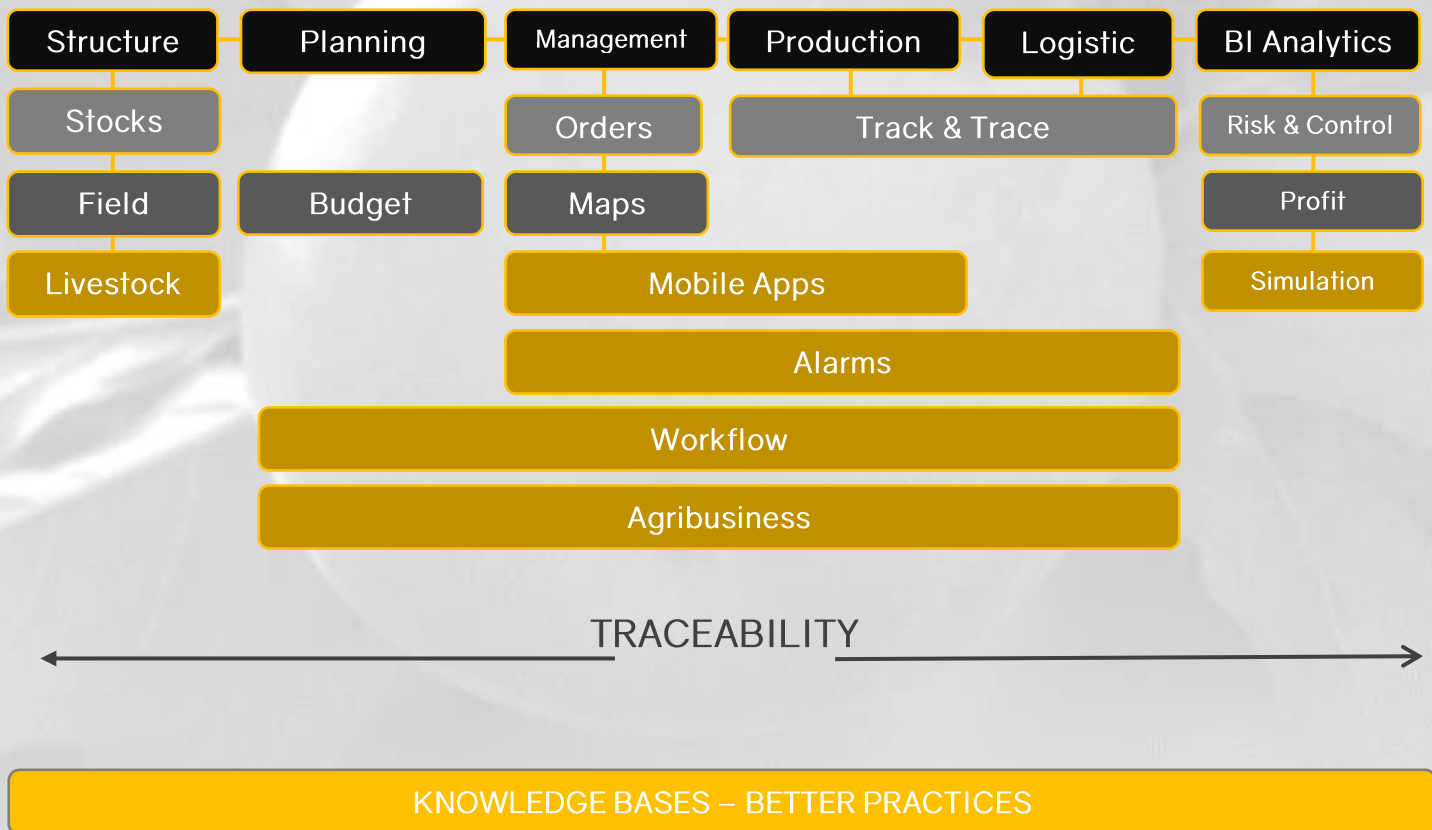


## **Quality protocol**

By registering quality protocols Agrobot fulfills international requirements.

# Scope

Agrobit is designed to integrate in a simple way, planning, management, production and logistics events, respecting and controlling the process flows, facilitating administrative tasks and delivering key information.



# The platform Agrobit



## **Flexible and dynamic**

Solution that adapts and specializes according to the needs and requirements of our customers, is flexible and dynamic.



## **Specific knowledge**

Agronomists and consultants team, with knowledge in agribusiness and management.



## **Smart recommendations**

Machine learning and farmers knowledge are apply to make recommendations and predictions.



## **Cloud platform**

The platform works offline and online.

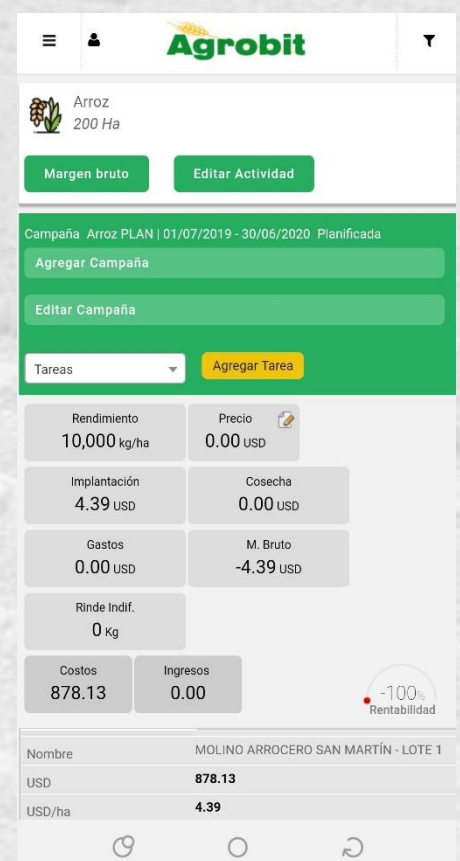
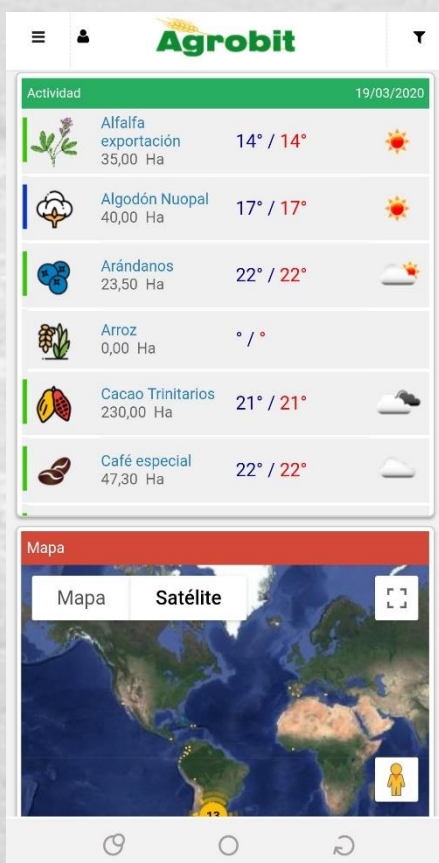
*Agriculture, Livestock, Forestry, Dairy, Fruit  
Extensive and intensive productions.*



# The platform Agrobit

With **Agrobit platform** it is possible to manage the fields, finance, budgets, climate and markets, all from the same site.



The platform is designed to work with different crops and activities simultaneously. The structure of the establishments are visualized directly on the map, previously established and drawn on the map with the corresponding geographical references. In addition you can add all the activities that are required, each company designs the material requirements, task schedules, fund flows, etc. and then they are managed directly from the platform for efficient and integrated management.





# The Agrobit platform

The circuits can be adapted to the needs and requirements. Starting with the existence of the possibility of carrying out one or several strategic plans from 1 to 5 years, plans by season or campaign from 2 to 12 months, work orders at the moment to two months, real-time task execution, of offline and online way.

Once the planning process is defined, the task plans (work orders) are created which are assigned to the operators or suppliers and each person responsible for the task receives them by mobile phone / tablet to execute them. The application works offline and then with the data connection the information is updated.

 AGRO






Maíz Semilla  
77 H2

15° / 24°

sky is clear



Gross Margin

Edit

Season Maíz Semilla 16-17 | 8/1/2016 - 7/31/2017 Real

Add Season

Edit Season

Task

Add Task

Name	Start Date	Status	Fields
Barbecho 1	9/30/2016	Pending	Granja Taragüi: LOTE 33
Barbecho 2	10/28/2016	Pending	Granja Taragüi: LOTE 33, CAMPO AVALIS: LOTE 44
Siembra Maíz ACA 498	11/24/2016	Pending	Granja Taragüi: LOT
Aplicación Terrestre	12/12/2016	Pending	Granja Taragüi: LOT
Fertilización	1/12/2017	Pending	Granja Taragüi: LOT
Gasto Cuadrilla	1/18/2017	Pending	Granja Taragüi: LOT
Transporte Cuadrilla	1/18/2017	Pending	Granja Taragüi: LOT





Activities

2/12/2018



Bodega  
1.00 Ha

15° / 24°

sky is clear





Cerdos Engorde  
1.00 Ha

15° / 24°

sky is clear





Estructura  
299.00 Ha

15° / 24°

sky is clear





Invernada  
1.00 Ha

15° / 24°

sky is clear





Kiwi Hayward  
10.00 Ha

15° / 24°

sky is clear





Maíz Consumo  
32.00 Ha

15° / 24°

sky is clear





# Traceability and certifications

Agrobit register all the activities carried out, counting all the resources stock and supplies available. And automatically report product quality.

With the data that is recorded in the application it is possible to carry out the traceability of the products, the traceability is carried out by analyzing the campaign information, manipulations, composition, machinery used, lot in which it was produced, work performed, applications, etc. All indications that make or may vary the product for the final consumer are recorded. It is important to remember that it is not necessary to reload the information so that the traceability of the product is recorded, it is automatic.

The product can be accompanied by a code and when scanning the QR code the product information is displayed.

The screenshot shows the AGROALL application interface for the 'OLIVO PICUAL 2018' record. The interface is divided into a sidebar on the left and a main content area. The sidebar contains a menu with options like 'Season', 'Task', and 'Task List'. The main content area displays the details of the 'OLIVO PICUAL 2018' record, including fields for Status (Pending), Task Type (Producción), Name (Cosecha), Start date (9/10/2018), End Date (9/11/2018), Responsable (10000002), and Hectáreas (20.00). A QR code is generated for the record. At the bottom, there are expandable sections for 'Parcel', 'Supplies', 'Labour', 'Machines', and 'Inspection'. On the right, there are buttons for 'Gross Margin', 'Edit activity', 'Add Season', 'Edit Season', and 'Add Task'.



# Extensive and intensive productions



## Full lot management

It is possible to perform a management by lot, considering factors such as stock, supplies and work by lot.



## Always updated costs

By having updated information in real time, it is possible to access cost data automatically.



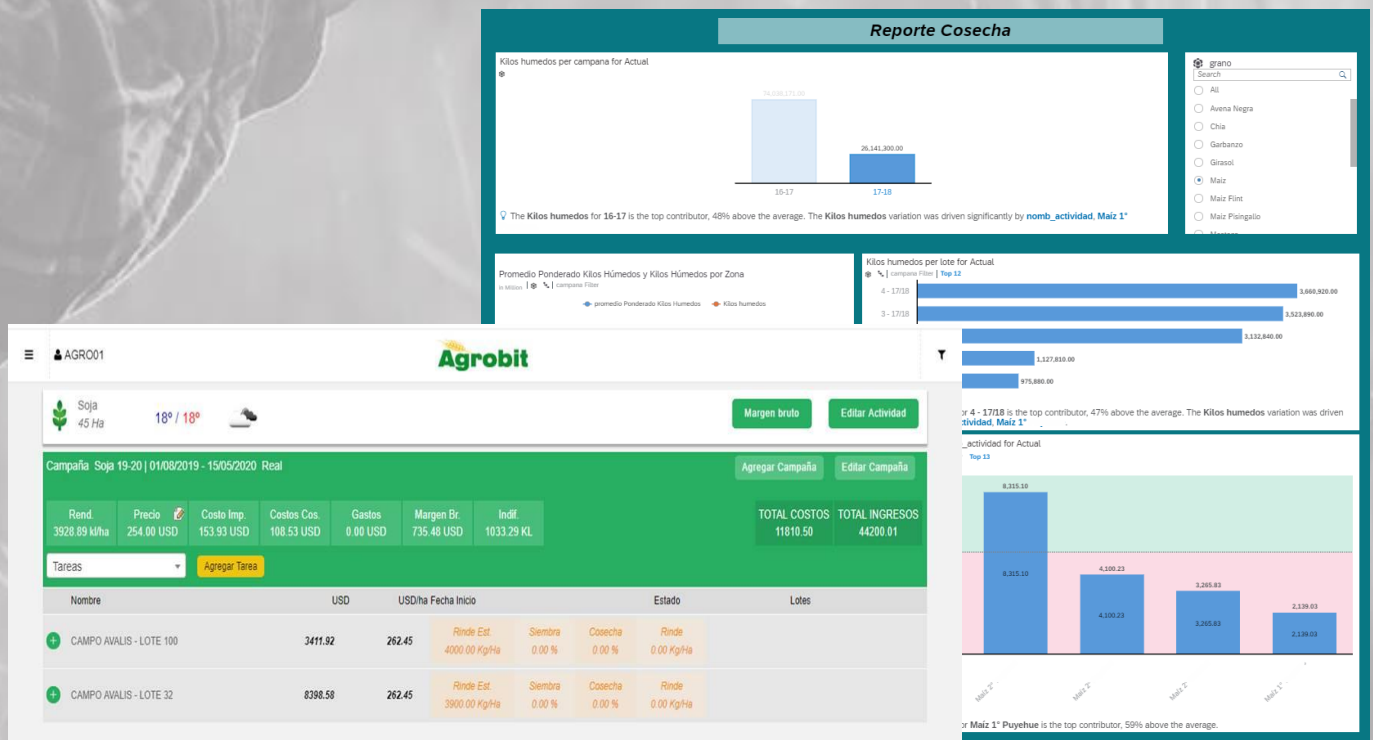
## Parametrizable structure

The structure of the platform is absolutely configurable according to the size and needs of the user.



## Reports

The information that is uploaded to the platform provides the user with reports and statistics, which are useful when making decisions, such as performance and gross margin reports, by lot, by activity, by campaign, etc.



# Livestock



## Know and plan the gross livestock margin

Define your gross margin based on the income and expenses of each livestock activity in each field.



## Existence control by category, activity, and field/lot

Define the activities and categories according to your needs, taking control by field or batch.



## Unity control

Identify each animal by their caravan number when necessary.



## Management of purchases and sales of property

Record the necessary administrative steps, such as orders, remittances and invoices for sales or requirements for purchases.

CRÍA LOTE 4

Estado: Pendiente

Tipo de tarea: Inseminación

Nombre: Inseminación

Fecha Inicio: 26/04/2019

Fecha Fin:

Responsable:

Categoría: Novillo

Animales:

☐ Todos

Stock

	Nombre	Kilos	Raza
<input type="checkbox"/>	17156	240	Brangus
<input type="checkbox"/>	17009	250	
<input type="checkbox"/>	6500	205	
<input type="checkbox"/>	17229	260	
<input type="checkbox"/>	17075	240	

GUARDAR CANCELAR

AGROBIT

Cría

Agregar rodeo

rodeo	Cantidad	Kgs promedio	
Lote 2	2	500	Rodeo Tareas Stock
Lote 4	93	501.59	Rodeo Tareas Stock
Lote 3	70	238.43	Rodeo Tareas Stock
Lote 20	102	190.33	Rodeo Tareas Stock
Lote 10	6	565	Rodeo Tareas Stock



# Livestock



## Automatic programming

Tasks, such as the consumption load, which can be done offline.



## Simulation of future scenarios

Define your gross margin based on the income and expenses of each livestock activity in each field.



## Alerts

Default alerts to know the status of cattle in real time. Through sensors or connected devices.



## Traceability

Visualize the activities carried out and know the traceability of your livestock.

AGRO

Cría

Rodeo Cantidad

Lote 2 2

Rodeo Cantidad

Lote 4 93

Rodeo Cantidad

Lote 3 70

Rodeo Cantidad

Lote 20 102

Rodeo Cantidad

Lote 10

CRÍA

Actividad Cría

Nombre Lote 4

Estado Real

Cabezas 93

Kilos 46648

Animales

Nombre	Ha	Cantidad
Ternero	4	598
Vaca	2	865
Vaca Lactando	41	24730

Lotes

Nombre	Ha
Lote 4	45

GUARDAR CANCELAR

PROGRAMAR TAREA PARA REPETICIÓN

Tipo de repetición: Calendario

Meses: Cada mes Meses seleccionados

Días: Todos los días Días seleccionados

Enero Febrero Marzo Abril Mayo Junio Julio

Domingo Lunes Martes Miércoles Jueves Viernes Sábado

Ejecutar hasta una fecha específica: 31/01/2019

% de Variación diaria: 0.5

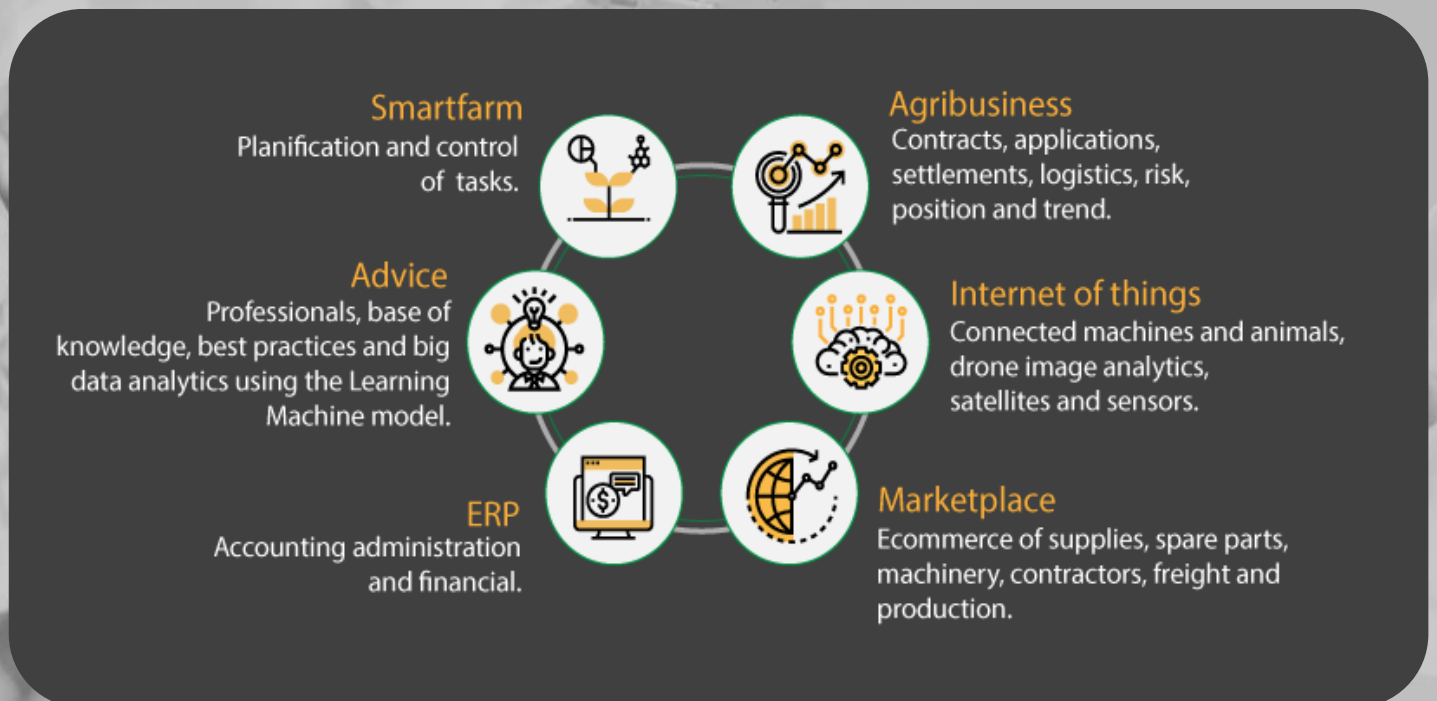
CONFIRMAR CANCELAR

# Agrobit - AGtech

With **Agrobit** any company can manage each stage of the agribusiness and logistics chain, providing control and flexibility to adapt to the rapid changes in the market and providing key indicators for decision making.

Commercial and physical positions in real time with trend analytics the relationship with the clients, the collaboration anywhere anytime are the key to accelerate your business with innovative technologies.

An accessible and easy-to-use management software that integrates all the business areas of the company, including, production, inventory management, origination, traceability, logistics, agribusiness, export, CRM, financial management, sales, purchasing and intelligence analytics of business for making timely decisions.



*Designed for the food industry, producers, cooperatives and exporters.*



# Agrobit

intelligent agriculture

“Simple, powerful, dynamic”



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[www.agrobit.com](http://www.agrobit.com)

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