

# DTA-Agrícola

*Technologies for tomorrow*



Insufficient  
agricultural  
production

Increased  
demand for  
food

Agriculture consumes **80%** of  
drinking water, but more than

**57%**  
is wasted

**Higher soil  
degradation**

Intensive and  
extensive  
agriculture

**Higher water  
requirements**

**14.6 Bm<sup>3</sup>/year**



In **DTA-Agrícola** believe that it is possible to increase productivity without excesses in natural resources.

- ✓ Simple, easy to use and affordable product.
- ✓ Real-time monitoring and control of all your irrigation systems in the palm of your hand.



# *Our proposal*

## *MODULAR TECHNOLOGICAL SOLUTION*



# DTA-Agrícola

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# ***Our proposal***

## ***WHAT CAN IT DO FOR US?***



**Crop selection** ◆

**Seedtime** ◆

**Data sheet** ◆

**Soil characteristics** ◆

**Create irrigation plan** ◆

**Crop growth phase** ◆

**Crop water needs** ◆

**Agroclimatic conditions** ◆

**Carry out irrigation** ◆

**Constant monitoring and control** ◆



**DTA-Agrícola**



<https://dtaamerica.com/dta-agricola>



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625 152 3176

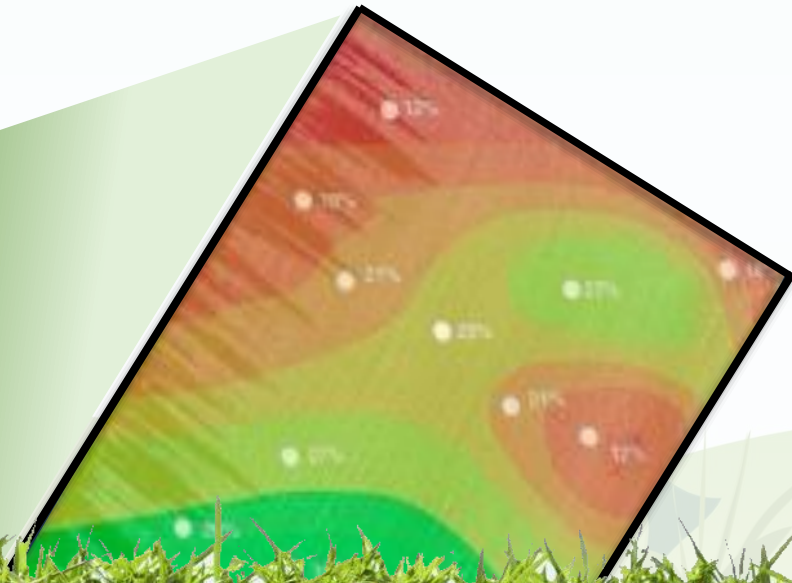
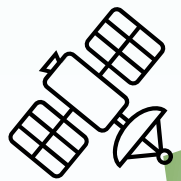


5a # 501, Cuauhtémoc, Chihuahua, México 31500



# *Our proposal*

## *HOW DOES IT WORK?*



$$Ln = \frac{w_{cc} - w_{pm}}{100} \cdot Da \cdot Pr$$

$$Fr = \frac{Ln}{ET_c}$$



Effective depth

90% consumption



# Our proposal

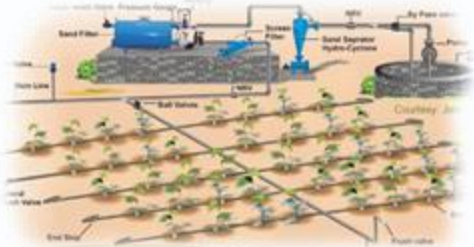
## PRODUCER'S NEEDS ADAPTATION



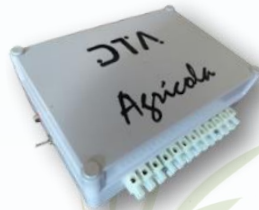
PivotControl



Pv66



DripControl



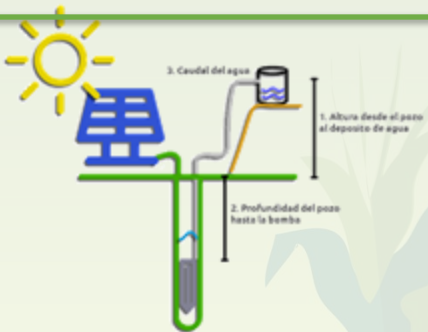
AG15



AG7



AG3



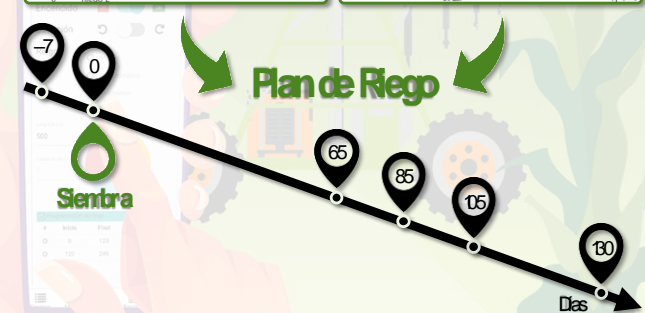
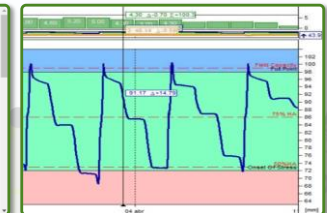
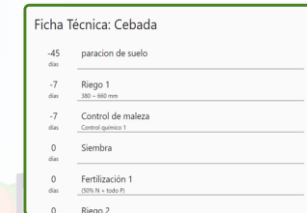
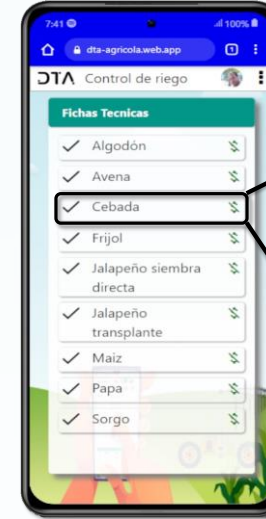
PumpControl



Pc01



Pc02





# ***Our proposal***

## *ARTIFICIAL INTELLIGENCE AID*

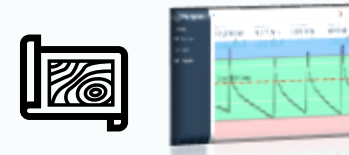
**Where?**

**When?**

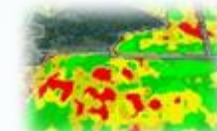
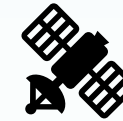
**How much?**



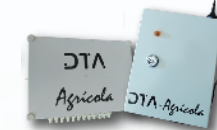
**DTA-Agricola**



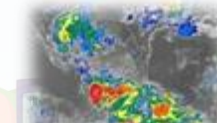
**SOIL**



**SATÉLITE**



**IRRIGATION SYSTEMS**



**WEATHER**



**FARMERS**

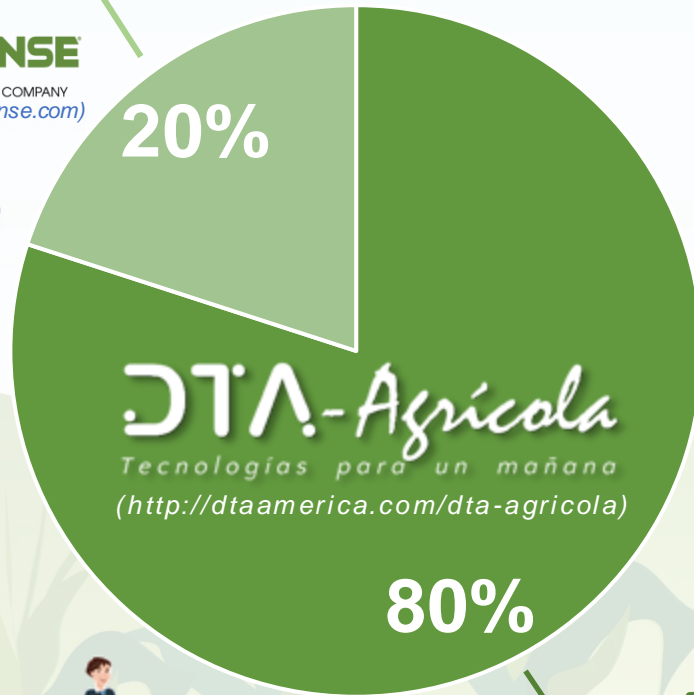




# Business model

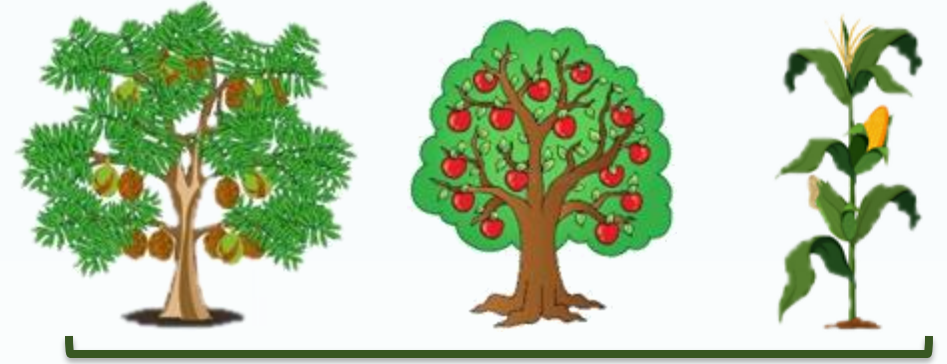
## MARKET

High farmers



Vendedores independientes

Small and medium farmers



HIGH DEMAND



HIGH REQUIREMENTS



# ***Business model***

## ***MONETIZATION***

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- Automation equipment sales
- Sensor sales
- Annual subscription
- Consulting and courses
- ← Investment return

**B2C**

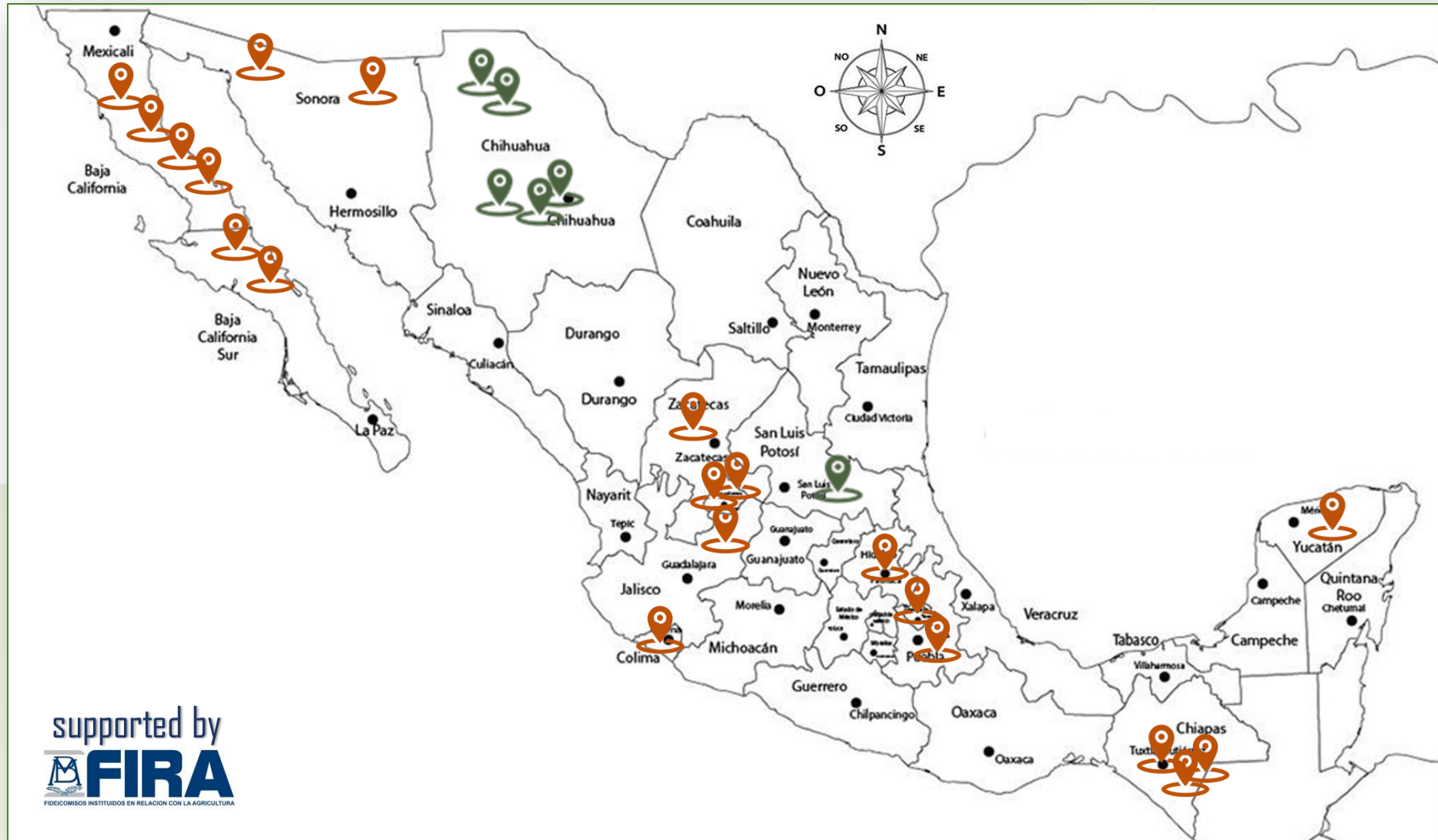
- Concessions
- Government programs
- Plans for producer communities

**B2B & B2G**



# Impacts on productivity

## CONTRIBUTIONS AND ACHIEVEMENTS





# *Impacts on productivity*

## *CONTRIBUTIONS AND ACHIEVEMENTS*

35%

WATER SAVING



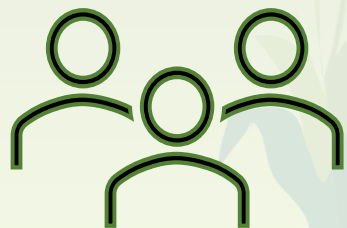
FERTILIZER  
SAVING



CLEAN  
PRODUCTIONS

≈ 9 Bm<sup>3</sup>/año

Water saving



+ 6 months of water  
129'000'000 people



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