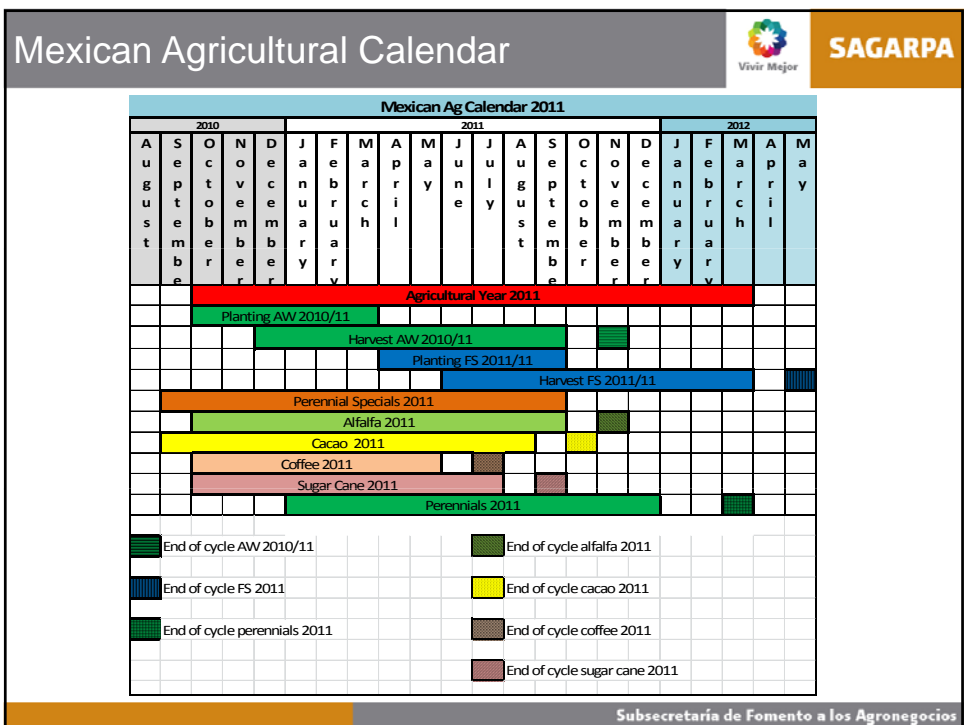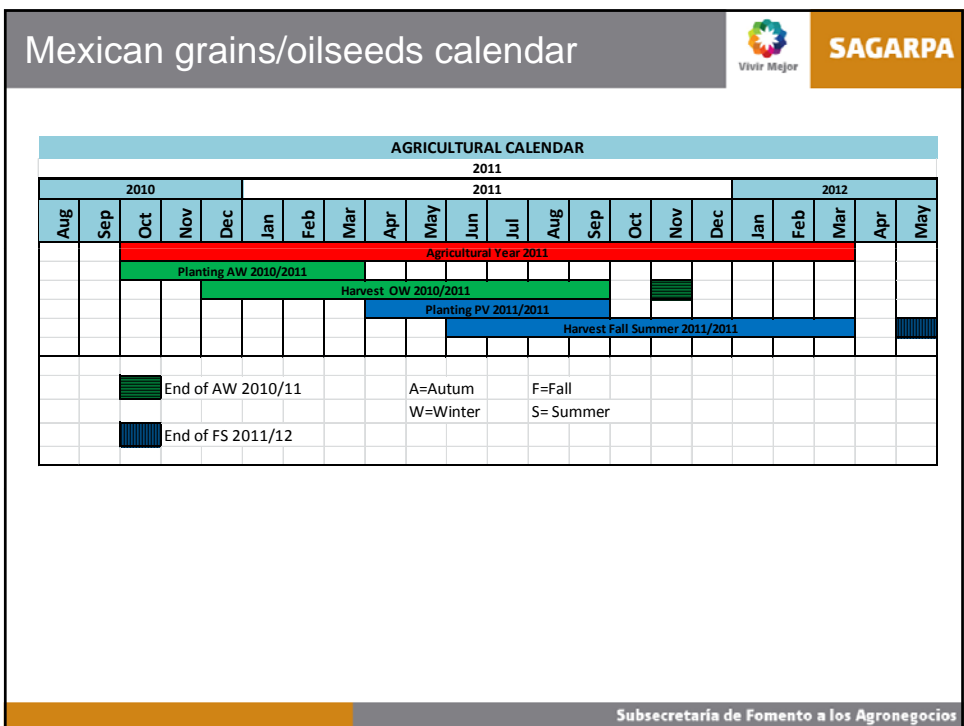# What Works and Does Not Work - Mexico

Submitted by: Mexico

Workshop to Assess and Improve Agricultural Data Collection and Dissemination by APEC Member Economies
Manila, Philippines
27-28 October 2011

GOBIERNO FEDERAL

Vivir Mejor

SAGARPA

Workshop to Assess and Improve Agricultural Data Collection and Dissemination

Pablo Sherwell, Ph.D.
Mexican Ministry of Agriculture

APEC
Asia-Pacific
Economic Cooperation

USDA

USAID
FROM THE AMERICAN PEOPLE

Manila, Philippines. October 2011

Agenda

Vivir Mejor **SAGARPA**

1.	**Data collection process in Mexico**
2.	**Challenges and lessons learned**
3.	**How we use data: good and bad examples**
4.	**Challenges**

2

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Mexican grains/oilseeds calendar

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AGRICULTURAL CALENDAR

	2011																				
	2010					**2011**											**2012**				
Aug	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**

Agricultural Year 2011

Planting AW 2010/2011

Harvest OW 2010/2011

Planting PV 2011/2011

Harvest Fall Summer 2011/2011

End of AW 2010/11   A=Autum   F=Fall

W=Winter   S= Summer

End of FS 2011/12

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Mexican Agricultural Calendar

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Mexican Ag Calendar 2011

	2010					2011											2012				
August	**September**	**October**	**November**	**December**	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**	**January**	**February**	**March**	**April**	**May**

Agricultural Year 2011

Planting AW 2010/11

Harvest AW 2010/11

Planting FS 2011/11

Harvest FS 2011/11

Perennial Specials 2011

Alfalfa 2011

Cacao 2011

Coffee 2011

Sugar Cane 2011

Perennials 2011

End of cycle AW 2010/11   End of cycle alfalfa 2011

End of cycle FS 2011   End of cycle cacao 2011

End of cycle perennials 2011   End of cycle coffee 2011

End of cycle sugar cane 2011

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Brief introduction

SAGARPA

SAGARPA is the Ministry of Agriculture, Livestock, Rural Development, Fisheries and Food.
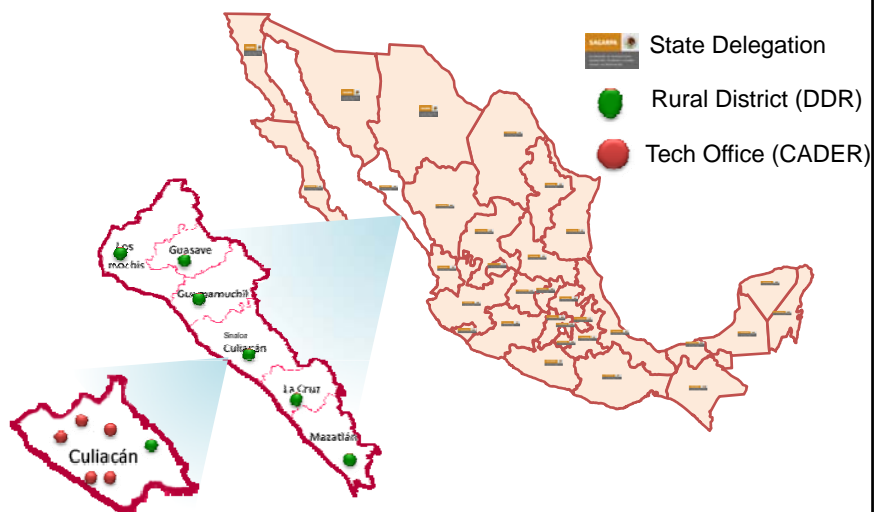
SIAP is the Agrifood and Fishery Information Service. It is a decentralized entity of SAGARPA responsible for collecting and publishing the agrifood data for Mexico.

The structure of SAGARPA in Mexico is critical for determining how data are collected by SIAP.

1. SAGARPA has a representative office in each of the 32 Mexican states. These offices are called **State Delegation**.

2. Each state is divided into rural districts (**DDR**). There are 191 DDR around Mexico. There is an office in each DDR that reports to the State Delegation.

3. Each DDR has at least one technical office called **CADER**. There are 712 CADERs in Mexico.

4. The number of **DDRs** and **CADERs** varies depending on the size of the state and its production intensity.

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SAGARPA's structure in Mexico

SAGARPA

State Delegation

Rural District (DDR)

Tech Office (CADER)

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The data collection process

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The process:

1. Each CADER goes to the field, collects information about areas planted, harvested, production, etc.

2. Then CADERs send information to their respective DDR who verifies the information.

3. Then each DDR sends the information to their State Delegation.

4. Each Delegation sends the information to SIAP, who verifies it.

5. SIAP publishes monthly and annual data.

CADER → DDR → Delegation → SIAP

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Agricultural reports

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Monthly reports include:

- Products that represent 80% of the total value
- By cycle: Autumn-Winter, Fall-Summer and Perennials
- Covers: By State; Type: irrigated – non irrigated
- Variables: Planted, Harvested, Production, Damage/Loss, Yields

Annual reports (in addition to monthly reports)
- More than 500 products
- By County and DDR
- Prices and production value

There are neither consumption data nor forecasts for any variable.

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Livestock reports

1.- Monthly reports include:

- By state
- Meat production (poultry, beef, pork, lamb)
- Milk production, eggs, honey
- There is a production forecast

2.- Annual report (in addition to monthly reports)
- By County and DDR
- Prices and production value

❖ Livestock inventory has a one-year lag
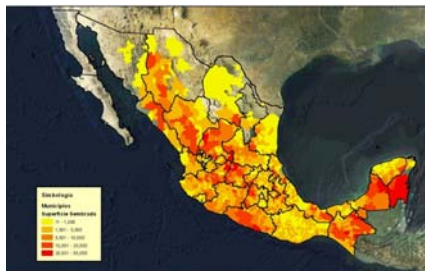❖ There is no herd structure
❖ There are no data on consumption

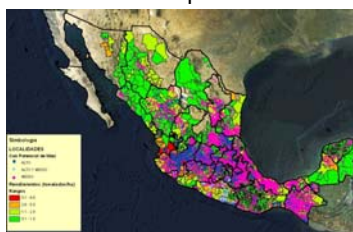Subsecretaría de Fomento a los Agronegocios

Good examples

Planted area

Yield

Yield vs. potential

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Not so good....

From an economist point of view…..

Price = f(Supply, Demand)

Supply = Begging stocks + production + imports

Demand = Exports + Consumption + final stocks

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Challenges

- Labor and expertise in human capital
- Data on fisheries
- Stocks
- Consumption (i.e. marketed by type and auto-consumption)
- Livestock herd
- Technical committee to review statistics
- Costs
- Monthly prices along the supply chain

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