FRENCH MILK PRICING SCHEME

NATIONAL WORKSHOP FOR DAIRY ECONOMISTS

AND POLICY ANALYSTS – 25TH OCTOBER 2023





RELATIONS BETWEEN FARMERS AND DAIRY PROCESSORS IN FRANCE

Milk collection: 45% directly by private companies (Lactalis, Danone, Savencia, etc.) 55% directly by dairy co-operatives (Sodiaal, Eurial-Agrial, etc.)

Since 2011, the French law requires that:

- → Each **farmer** delivering milk to **private companies** must have a **written contract** for at least five years specifying information on:
 - * volume of production (annual reference; condition of payment above and below the reference)
 - * price (indicators used)
- → Each **farmer** delivering milk to a **dairy co-operative** also has an annual reference of production. The **rules of procedure** of each cooperative must include similar indicators as the ones in contracts between farmers and private companies.

INDICATIONS ON MILK PRICE DETERMINATION IN CONTRACTS MADE BETWEEN FARMERS AND PROCESSORS (OR IN CO-OP RULES OF PROCEDURE)

Set of market indicators* used to determine the standard milk price (38g of butterfat, 32g protein per litre) for each type of milk collected (conventional, organic, PDO)



- Specific to each company
- Depends on the product portfolio and outlets of the company
- Results from negotiation between farmer organizations and the dairy company
- Frequently refers to indicators published by CNIEL (French Dairy Board)

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Rules for quality-based milk payment (additional grams of butterfat and protein, somatic cells, germs, butyric spores counts, freezing point)



 Frequently refers to regional reference tables edited by regional branches of CNIEL



Rules for other optional criteria (seasonal bonus/penalty, non-GMO feeding, grazing, etc.)

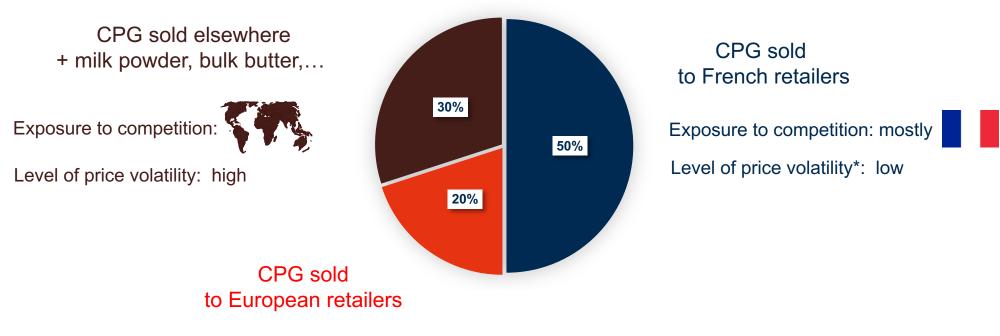


- Specific to each company
- Results from negotiation between farmer organizations and the dairy company
- No indicators released by CNIEL



HOW THE MARKET INDICATORS SET FOR MILK PRICE DETERMINATION IS CONSTRUCTED? AN EXAMPLE BY WAY OF ILLUSTRATION

Dairy company business breakdown



Exposure to competition: mostly



Level of price volatility*: moderate

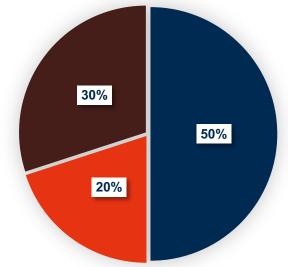
*: outside recent hyperinflation periods

HOW THE MARKET INDICATORS SET FOR MILK PRICE DETERMINATION IS CONSTRUCTED? AN EXAMPLE BY WAY OF ILLUSTRATION

Relevant market indicators for each outlet

CPG sold elsewhere + milk powder, bulk butter,...

Commodity (WMP, SMP, Butter) prices in France, NZ, the US, etc.



CPG sold to French retailers

Consumer price index for dairy products in France

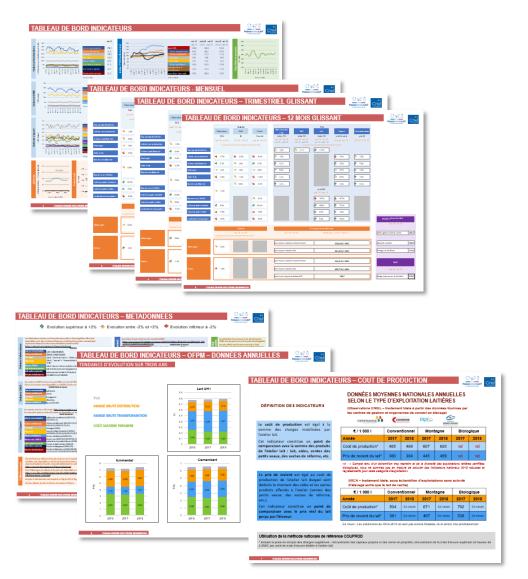
Cost of production at dairy farm level



CPG sold to European retailers

Average farmgate milk price in other European countries

THE FRENCH DAIRY BOARD (CNIEL) MONTHLY RELEASES AN INDICATOR DASHBOARD



September 2023 release

7 pages of market indicators and cost development information at farm level

available to all dairy operators

to mitigate asymmetry of information

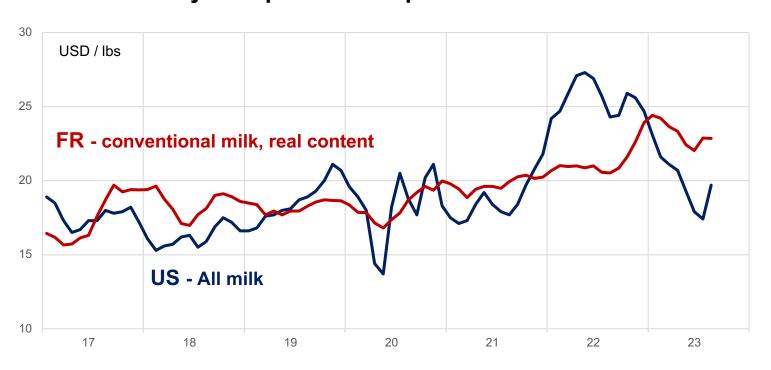
Dashboard notified to the European Commission, which gave a favourable opinion in 2019

2 types of information concerning milk production cost:

- Annual information issued from dairy farm accountings (precise data, but low reactive)
- Monthly information on input price (reactive data, but imprecise [no information on input volume consumption])

HOW IS THE AVERAGE MILK PRICE IN FRANCE IN RELATION TO OTHER COUNTRIES?

Monthly milk price development in France and the US



Average 2017-23

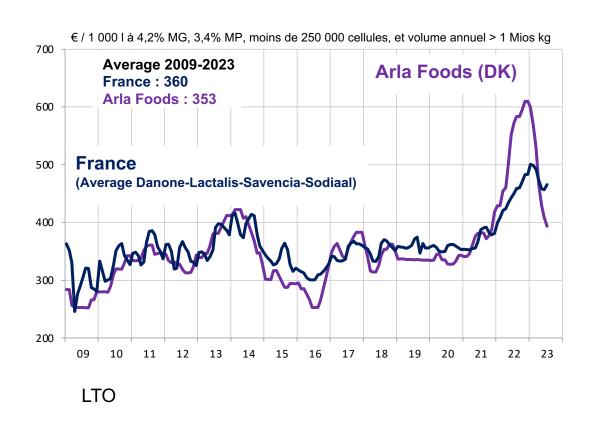
19,4 USD / lbs

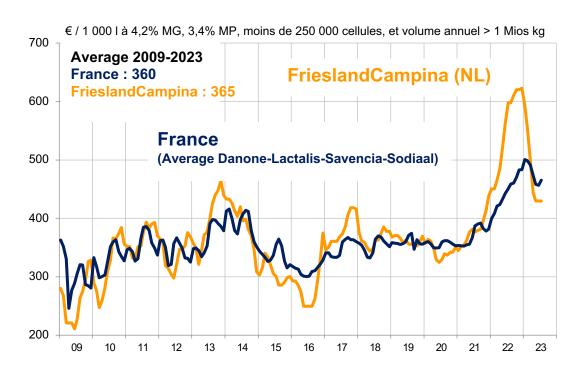
19,3 USD / lbs

NASS, FranceAgriMer

Over long period, no average differences between France and the US, but milk price development is smoother in France.

HOW IS THE AVERAGE MILK PRICE IN FRANCE IN RELATION TO OTHER COUNTRIES?





Compared to European leader companies in the Netherlands or Denmark, milk price development is also smoother in France.

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