

4 October 2023

FARM VISIT

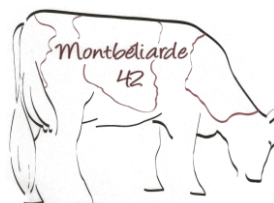
Sommet de l'Elevage

MONTBELIARD 42



GAEC FERME DU PLATEAU

St JODARD



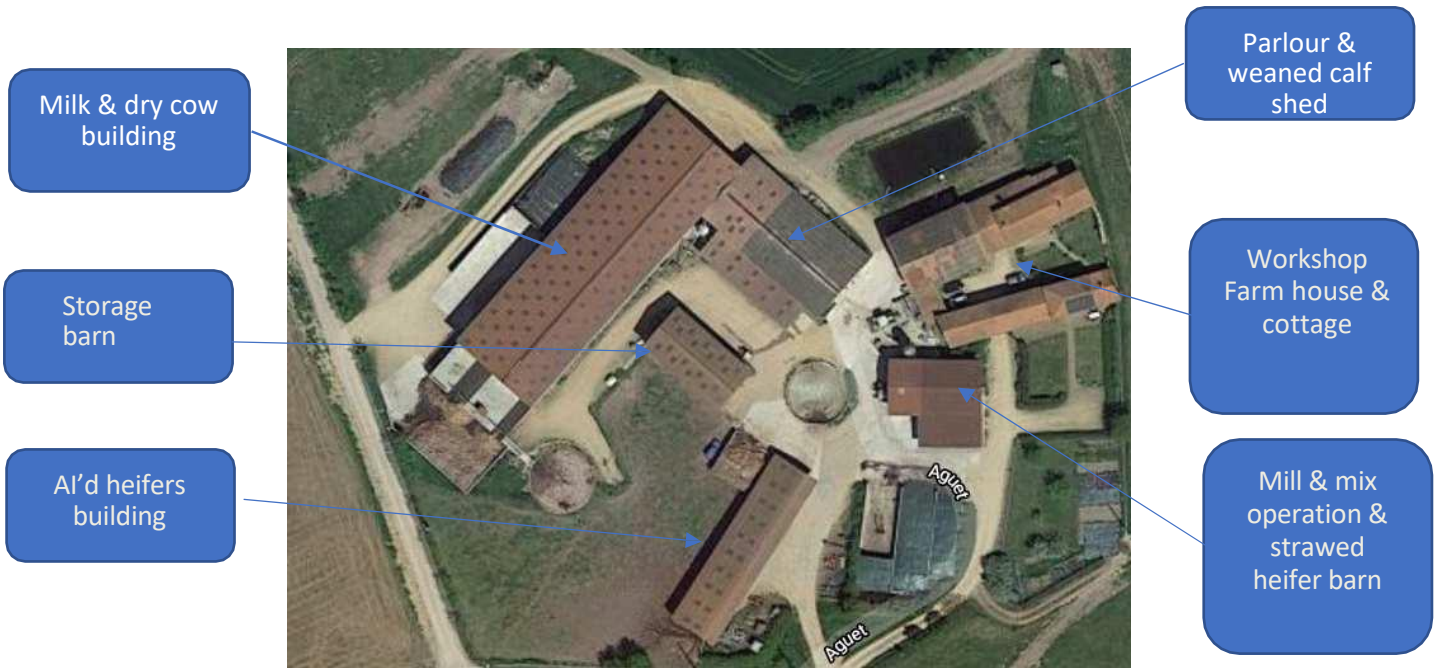
Background

- 1989 Philippe takes on the family farm (rented). Start of irrigation. 25 milk cows & 150,000 litres of quota.
- 1992 Purchase of the farm (as sitting tenant) and construction of loose covered yard and milking parlour.
- 2001 Claudie joins Philippe in the farm business.
- 2003 Take on more land, start of Montbeliard steer beef unit, increase in quota. Start of Bed & Breakfast activity.
- 2008 The farm now amounts to a herd of 40-45 milk cows, 300,000 litres of milk & beef unit.
- 2012 Clément joins the farm business that takes on a farm 2 km away equipped with irrigation & purchase of 36 milk cows (without calves at foot)
Start of GAEC farm partnership and building of loose covered yard for 84 head, plus a Liquid effluent tank, muck stand, silo. The farm now amounts to 700,000 litres of milk, a steer beef unit & 118 ha of farmland.
- 2013 Conversion of old covered yard into a milking parlour and weaned calf pens.
- 2016 Start of on-farm Mill & Mix operation. 150 tonnes of storage.
- 2019 Adrien joins the farm business, the farm now totals 998,000 litres, 120 milk cows and 118 ha of farmland.
Covered yard increased to house dry cows & calving pens and increase in irrigation system (pipes and reel).
- 2022 Silos and farm office added.

The farm today supplies SODIAAL with 950,000 litres of fresh milk, on 118 ha of farmland and, on average, 100 cows milked at any one time. Sale of 15 cull cows and other culls all finished on the farm. The farm amounts to two different sites, as follows,

- The main site housing milked cows, dry cows, and heifers to be AI'd, plus an on-farm Mill and Mix operation for improved control of feed costs due to large quantity bulk feed purchasing (150 tonnes capacity). Cows are out at grass during the day in the Spring and Autumn, supplemented with a year-round mixed ration fed in troughs. The building consists of cubicles for milked and dry cows and straw-covered cubicles for AI heifers.

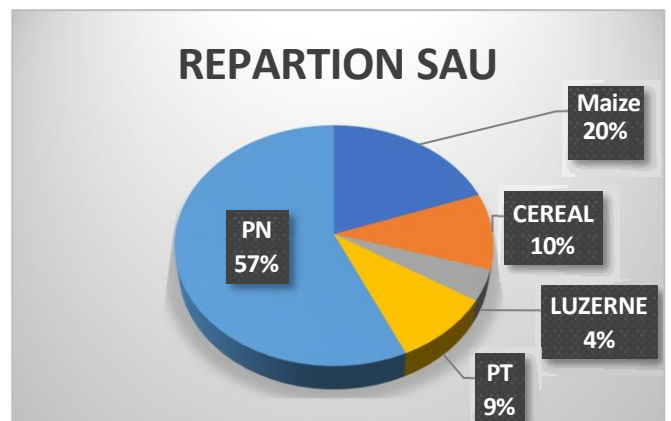
- On the second site, heifers are housed in cubicles and cull cows finished in a building with straw bedding. The farm business comprises 4 partners, Philippe and Claudie and their children Clément and Adrien.



Farmland

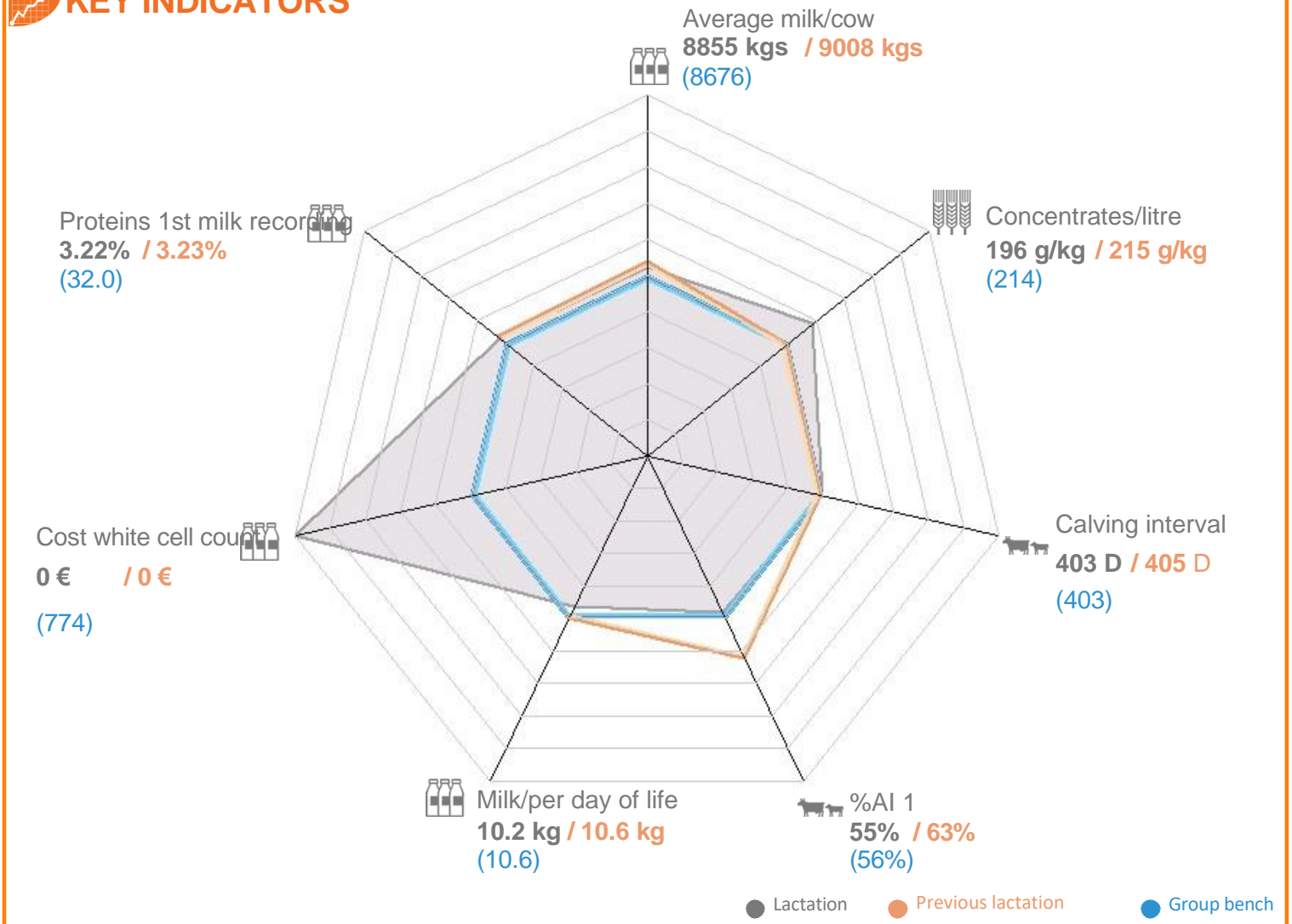
The farm is located on dry hillsides. Irrigation on the two sites means that all the maize and alfalfa can be watered, helping to secure the value of the fodder and stocks, while improving the rotation.

Farm management







Heifers 0-8 months	Replacement heifers	Milk cows (winter)
<ul style="list-style-type: none"> - Fed 5 litres whole milk per day to 100 days old - Starter creep until 2 months old. - As from 2 months old, 50% concentrate & 50% farm mixed cow feed. - At weaning 2 kgs of farm mixed cow feed / day 	<ul style="list-style-type: none"> - Hay - 1.5 kgs of farm mixed cow feed 	<ul style="list-style-type: none"> - 25 kgs of grass silage - 25 kgs of maize silage - 1 kg of lucerne hay - 2 kgs of barley - 1.8 kgs of oil seed cake - 1.8 kgs of soya cake - Cow concentrate at auto feed station. - Minerals

KEY INDICATORS



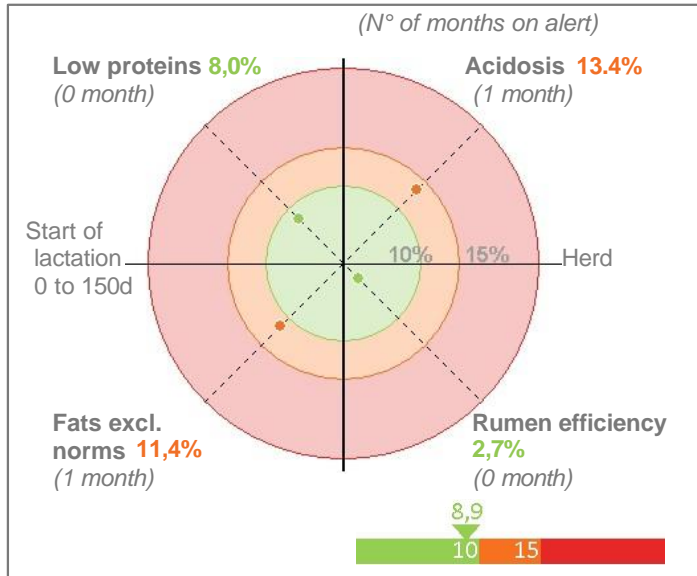
PRODUCTION	LACTATION	YEAR ON PROGRESS	GROUP YIELD.	GROUP YIELD 2
N° of cows in herd	122.1	+3.5	74.6	54.5
Milk / Milked cow (kgs) / d	28.6	+0.1	27.6	24.4
Fats (%)	39.7	-1.0	40.3	40.9
Proteins (%)	34.0	-0.4	33.5	33.0
Maiden heifers 1st milk recording (kgs)	26.5	+1.2	25.3	23.5
Cows 1st milk recording (kgs)	37.3	-0.4	35	32
	146	+39	180	208
Usable dry matter (kg)	653	-24	640	567

Group comparison benchmark

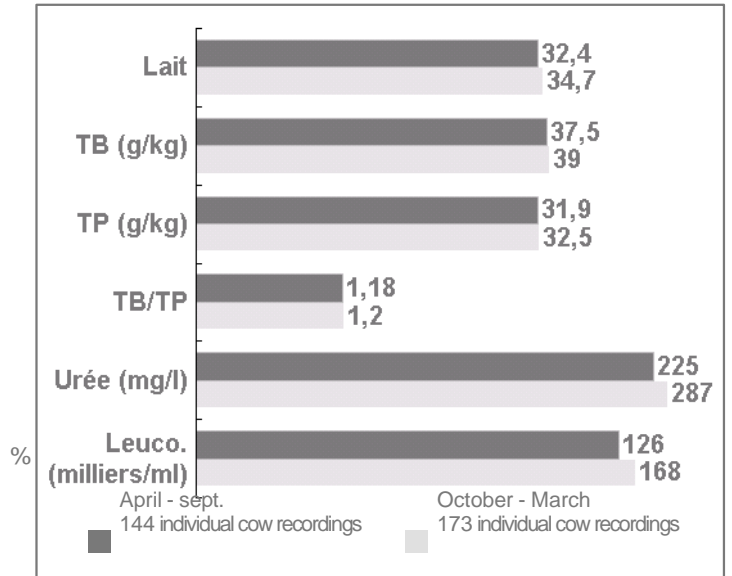
-  PRODUCTION Labour 98 farms
-  PRODUCTION 2 D42 631 (excl. organic farms)
-  REPRODUCTION 46 376 farms
-  FEED ENS MAÏHER 10 farms



NUTRITION



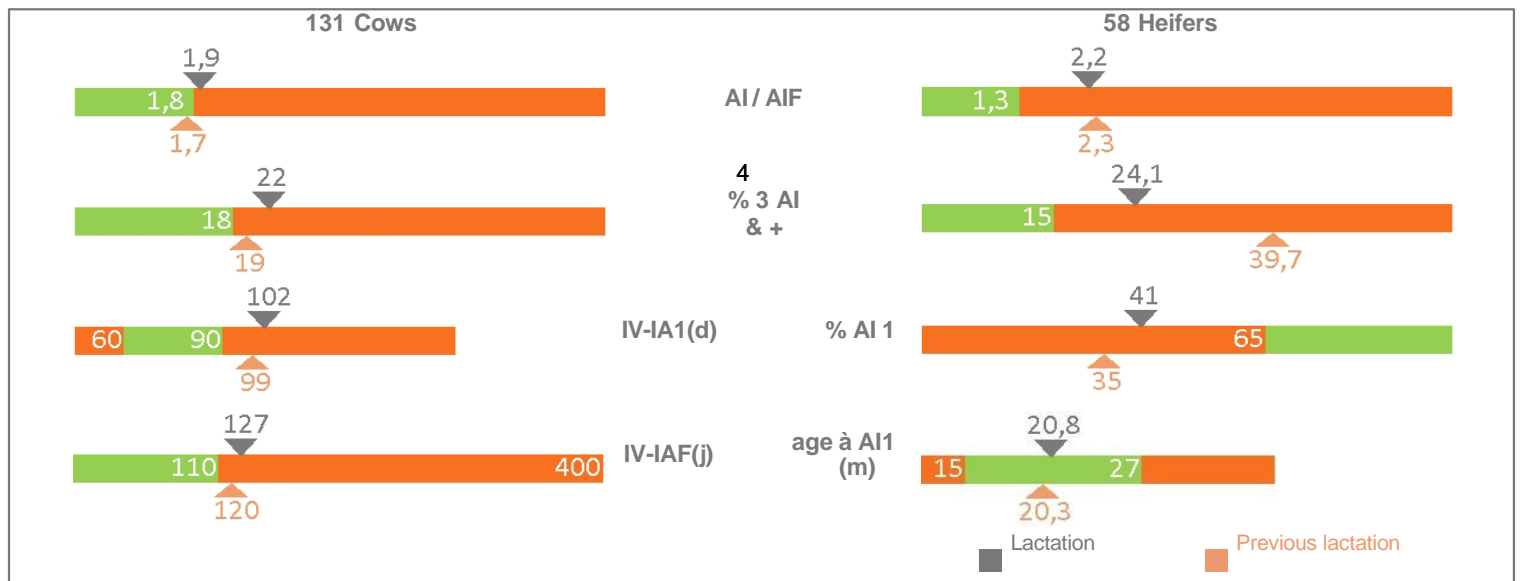
ANALYSIS 0 - 100 DAYS



REPRODUCTION & HEALTH



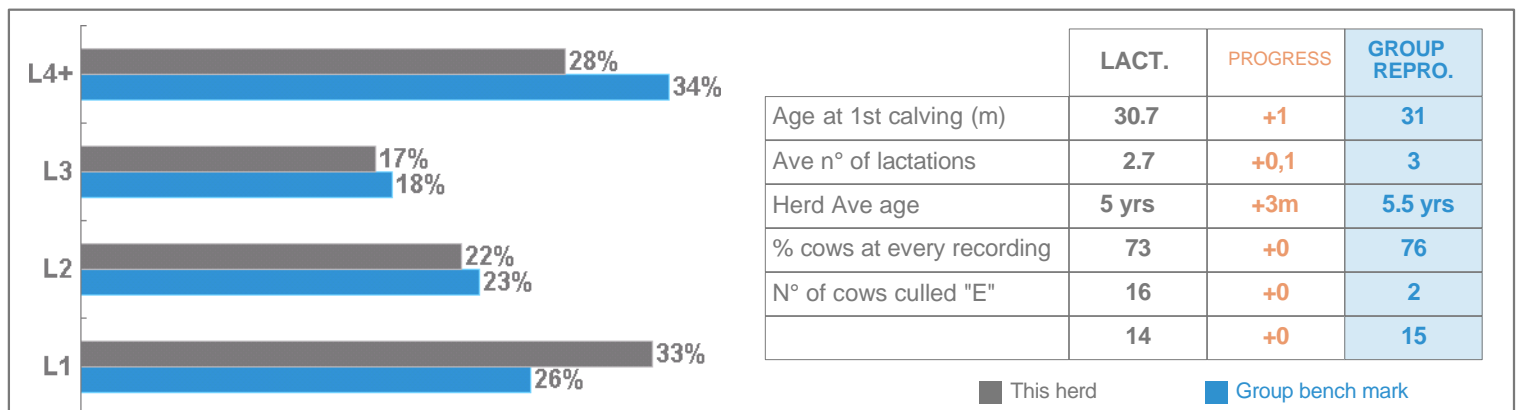
REPRODUCTION



REARING & LACTATION



HERD COMPOSITION



PRODUCTION & DELIVERIES

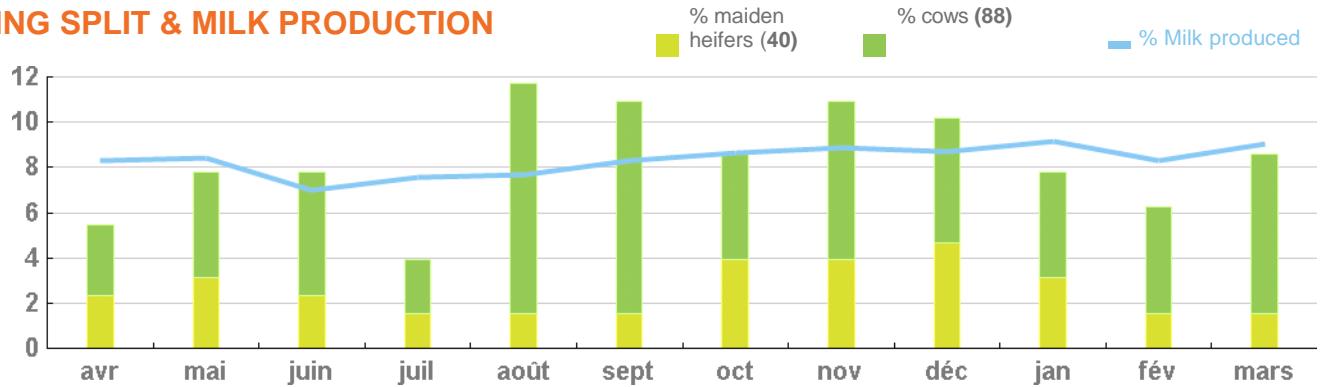


COMPLETE LACTATIONS (> 305 days)

	Number	Milk 305d	Fats 305d	Proteins 305d	Cell count	Duration (d) of dry period	Duration (d) of lactation
L1	33	7427	39,7	33,9	90	62	339
L2	26	9195	39,4	34,0	107	63	335
L3	26	9615	39,7	33,7	211	63	350
L4 & +	26	9218	41,0	33,8	135	66	317
Total / Average	111	8773	39,9	33,9	133	63	336



CALVING SPLIT & MILK PRODUCTION



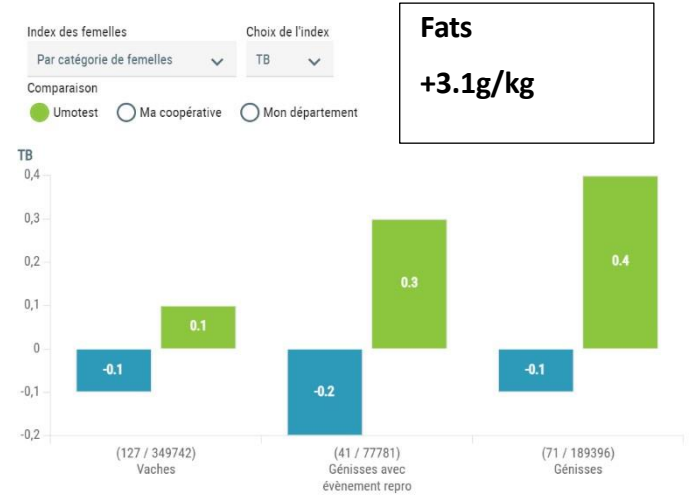
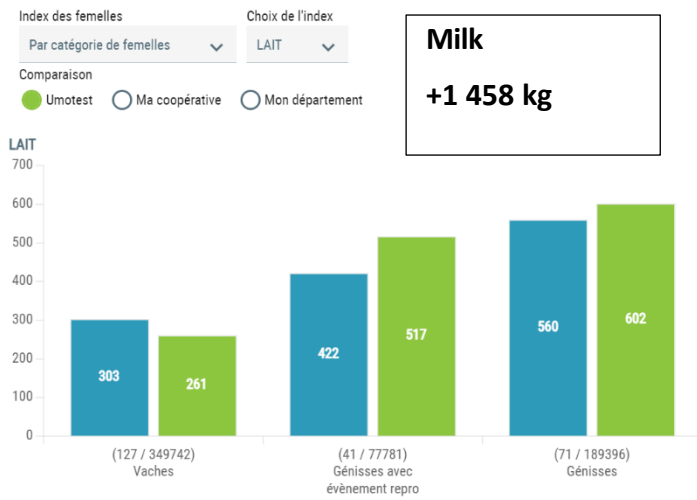
Total milk (litres) produced 1,063,749	88139	89626	74148	80606	81937	88617	91662	94480	92485	97245	88371	96433
Total milk (litres) sold 818,179	85045	82965	74744	75643	79427	78725	81703	79988	82939	97000		



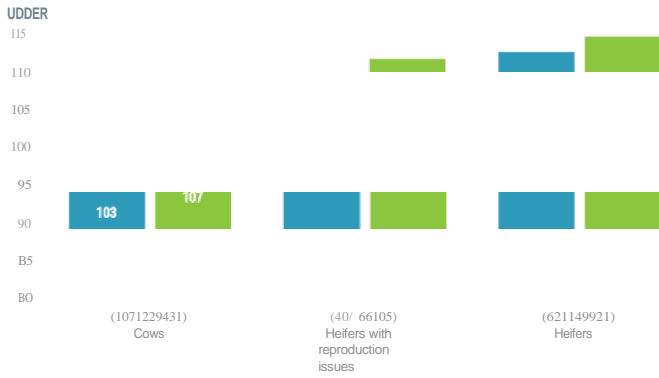
CROSS-INDUSTRY DATA

Date of sample	Fats g/l	Proteins g/l	Germs x1000/ml	White cells x 1000/ml	Butyric spores/l	Lipolysis meq/100g	Cryoscopy -m°C	Inhibitors
Mar 2023	42.8	35	19	142	3030	0.4	527	NEG
Feb 2023	42.2	35.4	10	109	285	0.41	525	NEG
Jan 2023	42.2	35.6	8	125	126	0.41	522	NEG
Dec 2022	43.3	36.7	7	113	430	0.4	523	NEG
Nov 2022	42	35.5	6	129	190	0.51	523	NEG
Oct 2022	40.6	35.2	6	145	450	0.47	519	NEG
Sept 2022	40.7	35	6	156	704	0.56	521	NEG
Aug 2022	39	34.3	6	133	190	0.6	520	NEG
July 2022	38.8	33.5	7	155	300	0.57	522	NEG
June 2022	38.9	33.2	11	113	190	0.7	517	NEG
May 2022	38.7	33.4	10	93	126	0.48	518	NEG
April 2022	40.2	34.4	7	86	126	0.42	521	NEG

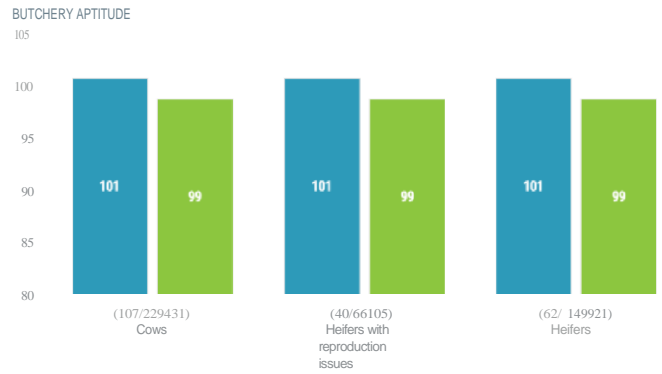
HERD GENETIC PROFILE



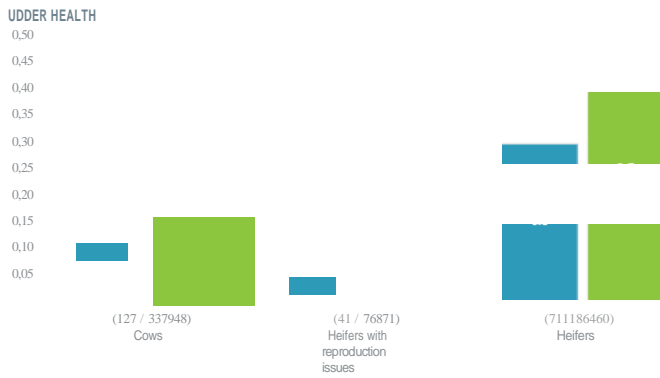
Index of females
By category v Udder
Comparison eumotest Q My cooperative Q My departement



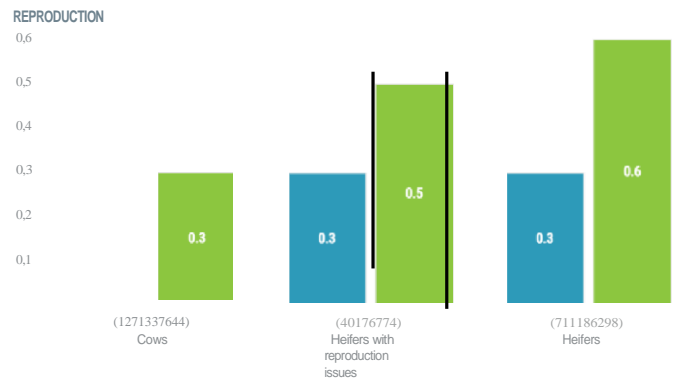
Index of females
By category v BUTCHERY APTITUDE
Comparison eumotest Q My cooperative U My departement



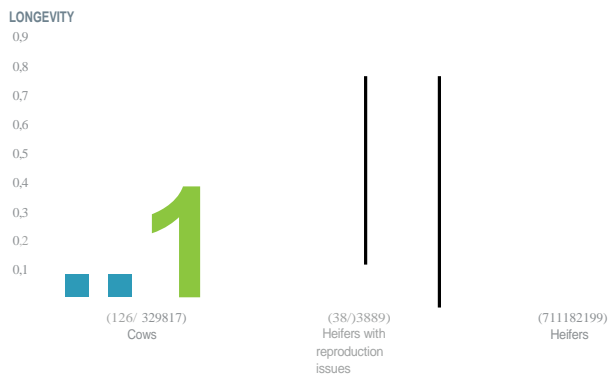
Index of females
By category v UDDER HEALTH
Comparison eumotest Q My cooperative Q My departement



Index of females
By category v REPRO
Comparison eumotest Q My cooperative Q My departement



Index of females
By category v LONGEVITY
Comparison eumotest Q My cooperative Q My departement



Choice of index
MORPHOLOGY v
Comparison Umotest 0 My cooperative 0 My departement

Classification	Grade	N°	%	%UMO
EX	>891			0.03
TB	185-891			
B+	180-841	12	22	10
	175-791	10	18	22
	<74	30	55	66