

Reproduction & genetics

- ⇒ Ave. age at 1st calving - 28.6 months.
- ⇒ Ave. calving interval - 418 days.
- ⇒ Replacement rate - 43 % (sale of heifers & cows for rearing)
- ⇒ Year-round-calving for smoothing & year-round production.
- ⇒ All females are A.I.'d by their farmers, with 1 bull for sweeping up.

Selection criteria

- Milk production + fats & proteins
 - Movement & legs
 - Width of chest
 - Speed of milking

LACTATIONS TERMINEES (Cumuls 305 jours)

	Nombre	Lait 305j	TB 305j	TP 305j	Cellules	Durée de tarissement (j)	Durée de lactation
L1	64	6689	37,8	30,6	118	44	365
L2	39	6406	39,6	31,8	180	62	342
L3	16	7926	39,1	30,4	164	77	379
L4 et +	33	8178	38,8	30,6	271	61	359
Total / Moyenne	152	7070	38,6	30,9	172	55	359



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Farm presentation

- Organic milk farm with cheese (AOP Saint-Nectaire) processing unit. Total annual production of 1,300,000 litres.
- 6 partners & 10 employees (herd, processing & sales).
- Herd of 180 milk cows & their replacements.
- Farmland of 270 ha all down to permanent pasture.
- Buildings include a cubicle shed for 180 cows with matting & water. Barn hay-drying unit & anaerobic digester.
- 28 cow capacity rotary parlour.



Background

- 2016 Merger of 3 dairy farms including INRA's ROC farm, 6 partners. Conversion of buildings (addition of rotary parlour, milk processing unit, etc.).
- 2018 Commissioning of the anaerobic digester.
- 2019 Commissioning of cheese ageing cellar.
- 2020 Jean François (new partner) replaces one of the original partners.
- 2021 Commissioning of barn-dried hay unit, Lydie (new partner) replaces one of the original GAEC partners, conversion to organic agriculture.

Winter ration

- 10 kg DM of barn-dried hay (1st & 2nd cut)
- 4 kg DM of grass silage
- 1 kg of organic soya meal
- 4 kg of cereals mix
- 150 g of minerals
- 60 gr of salt

Summer ration

- Ad lib grazing in field.
- 2 to 4 kg of hay as per level of grass yields.

Technical results

- Ave. prod. /cow / lactation - 7126 kg
- Fats - 3.72%
- Proteins - 3.08%
- Ave. leucocyte count / cow - 162
- Maiden heifer 1st milk recording ave. 23.2 kg
- Cow 1st milk recording ave. 29.3 kg
- Ave. solids/cow / lactation - 484 kg

