

FARM TOUR

BREED: Holstein

NAME OF THE VISIT: Holstein dairy cattle Farm Visit

DATE OF THE VISIT: 01/10/2024

ADRESSE : 23 Route d'Egaules, 63530 Chanat la Mouteyre

GAEC DE LA VERGNE

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Background:

-2000 Jérôme sets up as a farmer joining the family GAEC business.

-2012 New dairy cow building with milking robot.

-2016 Extension of cow building & addition of second robot.

-2021 Sarah sets up as a farmer replacing Jérôme's mother who retired.

Sarah is a board member of the Prim'Holstein union in the Puy de Dôme & Jérôme is President of Sodiaal (dairy co-op) Massif Central.

Farm introduction:

-Milk production (1,300,000 litres) & finishing (10 per year) of dairy bullocks

-Two associates & one apprentice.

-Dairy cows on a zero-grazing system (farm in town suburbs, just 10 km from Clermont-Ferrand)

-Cropping, 183 ha. 75 ha of permanent pasture, 37 ha of temporary pasture, 11 ha of wheat, 26 ha of triticale & 34 ha of maize silage.



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Environment

Zone Combrailles (hilly).

Climate Continental with Atlantic ocean influence

Soil shallow, volcanic with a pH of 4.5 to 5.5.

Height above sea level 800m.

Ave annual rainfall 750 mm.
2/3 de la surface labourable.

Herd

130 Holstein milk cows .

Ave. Milk production / cow
11,000 kg, fats 4.01% & 3.29% proteins.

<u>2000</u>	<u>2012</u>	<u>2024</u>
Production 430,000 litres 60 milk cows 8,500 litres / cow 155 ha	Production 675,000 litres 70 milk cows 9,500 litres / cow 176 ha	Production 1,300,000 litres 130 milk cows 11,000 litres / cow 183 ha

Breeding & Genetics:

- Ave. Age at 1st calving - 29 months.
- Herd replacement rate - 35%.
- Selection objectives – body shape & milk.
- All-round calving.



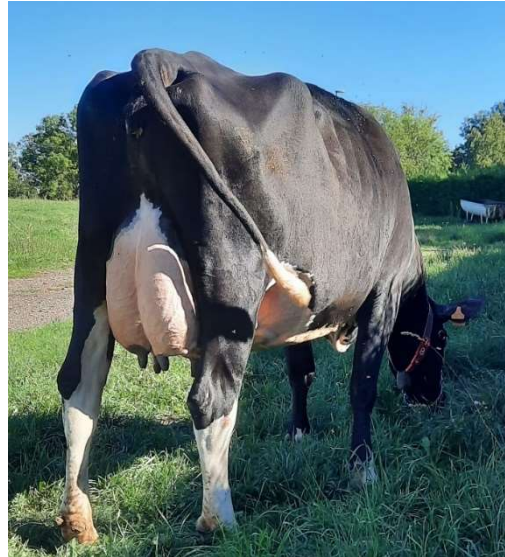
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Principal selection criteria

- Body shape
- Milk
- Udder
- Legs

Ave daily milk yield:

- Several lactation cows 43 kg
- 1st lactation cows 31.6 kg



Ration & Technical results:

Milk cow ration / day

Maize silage 32 kg

Grass silage 18 kg

Wrapped Lucerne hay 1.5 kg

Soya 2.1 kg

Triticale 2.1 kg

Concentrate at robot Ave. 4.5 kg

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LACTATIONS TERMINEES (Cumuls 305 jours)

	Nombre	Lait 305j	TB 305j	TP 305j	Cellules	Durée de tarissement (j)	Durée de lactation
L1	46	8525	39,5	32,7	93	62	327
L2	20	9680	39,6	31,8	113	76	323
L3	31	10543	39,5	31,3	123	66	356
L4 et +	18	10592	40,4	31,3	346	69	349
Total / Moyenne	115	9593	39,7	31,9	144	66	338

Résultat du contrôle

Moyenne Siel= 10542

Effectif moyen = 130

MSU= 769 kg

Niveau brut 10797 kg

TB : Moy= 40,2 g/kg

TP : Moy= 32,8 g/kg

