Farm	A	B	C	D	E	F	G	H
Total number of dairy cows (number of lactating cows)[1]	23 (21)	28 (23)	40 (34)	22 (20)	30 (25)	19 (16)	50 (44)	18 (16)
Main cow breed	HF	SI	BS	SI	HF	SI	BS	SI
Milk yield/cow [kg][1]	25.7	25.6	26.7	16.6	25.3	21.0	30.8	31.3
Housing and milking technique	Free stall Herringbone milking parlor (MP)	Free stall Tandem MP	Free stall Tandem MP	Tie stall Pipe milking	Free stall Tandem MP	Tie stall Pipe milking	Free stall Herringbone MP	Free stall Tandem MP
Main feed[2]	Grass silage	Grass silage	Clover grass silage	Grass silage	Grass silage	Grass silage (2, 5) Pasture grass (1, 3, 4)	Grass silage	Grass silage
Additional feed[2]	Corn silage (1, 3, 5) Pasture grass (1, 3, 4) Hay (2, 5)	Corn silage (1, 2, 5) Pasture grass (1, 4) Hay (2, 3, 5)	Corn silage (2-5) Pasture grass (4)	Pasture grass (1, 4) Hay (1-5)	Corn silage (1-3, 5) Hay (1-5)	Hay	Corn silage Alfalfa hay	Corn silage (1-5) Pasture grass (1, 4) Hay (1-5)

Milking rank order[3]	✓	✗	✗	✓	✗	✓	✗	✗
Separate milking cluster for waste milk from animals with health issues[3]	✗	✓	✓	✓	✗	✓	✗	✓
Teat cleaning	Dry paper towel (single use, one item per cow)	Cleaning foam + dry paper towel (single use, one item per cow)	Cleaning foam + dry udder cloth (single use, one item per cow)	- Udder towel (1, 2, 4; reusable, one item for several cows) - Udder cloth (3, 5; single use, one item for max. two cows)	- Sponge cloth in disinfectant (1; reusable, one cloth for all cows) - Moist udder cloth (2, 3, 5; single use, one item per cow) - Dry udder cloth (4; single use, one item per cow)	Wood wool (single use, one item per cow)	Dry paper towel (single use, one item per cow)	Moist udder cloth + dry udder cloth (single use, one item per cow)
Post-milking teat dipping[4]	✓	✓	✓	✗	✓	✗	✓	✓

Teat check before cluster attachment (clean & dry)	✓	✓	✓	✗	✗	✓	✗	✓
Milking cluster disinfection prior attachment to next cow	✗ (1-4) ✓ (5, only after cows with health issues)	✗	✗	✗	✗ (1) ✓ (2-5, only after cows with health issues)	✗	✓ (1-4) ✗ (5)	✓

[1] average from 5 samplings

[2] For statistical analysis "silage" was aggregated for each sampling and farm: 0 = no silage was fed; 1 = one silage type was fed; 2 = two different silage types were fed

[3] For statistical analysis data on "milking procedure" was aggregated for each sampling and farm: 00 = no rank order and no extra cluster; 01 = no rank order but an extra cluster was used; 10 = rank order but no extra cluster was used; 11 = rank order plus extra cluster was used

[4] for statistical analysis data on post-milking dipping (post-dipping) was aggregated for each sampling and farm: 0 = no post-dipping was performed; 1 = the used dipping agent was based on lactic acid; 2 = the used dipping agent was based on iodine

(1, 2, 3, 4, 5) = Sampling on which this information applies; (1: summer '18, 2: winter '18, 3: spring '19, 4: summer '19, 5: winter'19)

✓ = yes
✗ = no
HF = Holstein-Friesian, BS = Brown Swiss, SI = Simmental