Robot - Production and Efficiency Report

Herd Number	Service	Test Date
QC 99999	Alternate	Mar 5, 2020

List	Graph	User Guide

◉ Key Indicators - Herd   ○ Key Indicators - Robot (7 days)

Key Indicators - Herd	Test day	12 months	Robot prov. avg.	Top 20%-robot
Number of cows	133	130	103	115
Cows in lactation	116	108	89	100
Daily Milk (kg)	37.7	37.9	33.2	36.7
Standard Milk (kg)	39.2	40.9	38.1	41.8
Annual milk (kg)		11482	10466	11619
Daily Fat (kg)	1.53	1.49	1.35	1.48
Fat (%)	4.05	3.94	4.04	3.99
Daily Protein (kg)	1.23	1.26	1.12	1.24
Protein (%)	3.25	3.33	3.36	3.35
Avg DIM	137	165	172	166
Peak milk (kg)	45.5	46.9	42.4	46.1
Peak DIM	47	50	47	48
Herd Avg SCC ('000)	114	155	215	179
Cows with SCC > 200k (%)	11.2	14.6	19.8	16.9
Cows leaving herd (%)	2.3	39.4	38.3	38.9
% Cows in Lactation 3+	36.8	40.6	39.1	39.8

○ Key Indicators - Herd   ◉ Key Indicators - Robot (7 days)

Key Indicators - Robot (7 days)	Results	12 months	Robot prov. avg.	Top 20%-robot
Milk/robot (kg)	2124	2039	1631	2086
Fat/robot (kg)	84.7	79.7	65.3	83.3
Milk/cow/day (kg)	36.7	37.8	34.3	37.7
Fat/cow/day (kg)	1.46	1.48	1.37	1.50
Number of cows/robot	58	54	48	56
Number of milkings/robot	168	155	131	154
Number of milkings/cow	2.90	2.86	2.76	2.78
Average milk/milking (kg)	12.6	13.2	12.5	13.6
Number of refusals/cow	2.1	2.3	2.1	1.6
Number of failures/robot	1.9	3.2	5.2 (1)	4.3
Robot free time (%)	7.6	15.6	27.7	17.9
Average time/milking (min) *	7.23	7.10	7.15	6.88
Efficiency (kg milk/min robot) *	1.75	1.85	1.75	1.97
Estimated max milk/robot (kg) *	2064	2189	2072	2323
Estimated max fat/robot (kg) *	82.3	85.6	83.0	93.1
Milk value/cow ($)	24.21	8197	7663	8416
Milk value/robot ($)	1594	1558	1259	1593

* Calculated value

(1) Average Value Lely: 3.87   DeLaval: 7.66   GEA: 7.71