Fresh Cow Udder Health

Benchmarks by region for 12 Months ending June 30, 2019.

Based on Somatic Cell Counts at a cut point of 200,000

Lactanet

<u>Herd Level</u> % Infections — Minimum of 10 cows contributing

2nd+ Lactation — <u>Overall</u> Fresh Infections					General Goal <15%	

Of all fresh cows, % with SCC >200 on 1st test within 5-50 DIM. Good general indicator of fresh cow udder infection status.

	Canada	Atlantic	Quebec	Ontario	Prairies	BC
Average	23.3	22.5	22.0	25.3	24.6	20.0
25th Percentile	30	28	28	32	30	25
50th Percentile	22	22	21	24	23	18
75th Percentile	16	16	14	17	18	13
90th Percentile	11	10	10	12	13	8
# of herds	6,444	299	3,119	2,278	524	224

2nd+ Lactation — <u>New</u> Fresh Infections					General Goal <10%	

Of only the fresh cows that were healthy prior to dry off (SCC < 200 at last test within 50 days pre dry), % >200 on their first test 5-50 DIM. Indicates cows that were healthy and got infected during the dry period or at calving/shortly after. Good monitor of dry program, including selective dry cow therapy, and calving/post calving management.

	Canada	Atlantic	Quebec	Ontario	Prairies	BC
Average	18.4	18.2	17.0	20.1	20.3	16.8
25th Percentile	24	24	22	26	25	22
50th Percentile	17	18	16	19	19	16
75th Percentile	11	12	10	13	15	11
90th Percentile	7	7	6	8	10	7
# of herds	6,125	289	2,947	2,163	508	218

2nd+ Lactation — <u>Chronic</u> Fresh Infections					General Goal <5%	

Of only the fresh cows that had a SCC value at last test within 50 days pre dry, % with SCC >200 at last test AND still > 200 on 1st test 5-50 DIM. Good monitor of dry cow program and/or untreatable chronic infections.

	Canada	Atlantic	Quebec	Ontario	Prairies	BC
Average	10.2	9.1	9.8	11.2	9.8	6.9
25th Percentile	14	12	14	15	13	9
50th Percentile	9	8	8	10	9	6
75th Percentile	5	4	5	6	5	3
90th Percentile	2	2	2	3	3	0
# of herds	6,327	294	3,051	2,246	516	220

1st Lactation — <u>Overall</u> Fresh Infections					General Goal <10%	

Of fresh 1st lactation cows, % with SCC >200 on 1st test within 5-50 DIM. Good general indicator of fresh cow udder infection status.

	Canada	Atlantic	Quebec	Ontario	Prairies	BC
Average	15.7	15.0	13.4	18.5	17.1	13.8
25th Percentile	21	20	19	24	22	18
50th Percentile	14	14	12	17	16	13
75th Percentile	9	9	7	11	11	8
90th Percentile	5	4	0	7	7	5
# of herds	5,730	272	2,642	2,097	507	212