NATIONAL STATISTICS

Province	Record 2006	led Herds 2007	Record 2006	led Cows 2007	Average 2006	Herd Size 2007	% of Herds 2	s > 50 Cows 2007	
British Columbia	346	335	41,754	42,413	121	127	87	88	
Alberta	494	481	55,377	58,098	112	121	90	92	
Saskatchewan	154	140	18,846	18,025	122	129	91	92	
Manitoba	237	232	25,962	25,217	110	109	81	81	
Ontario	3,362	3,266	226,250	234,943	67	72	55	60	
Quebec	5,515	5,350	295,762	297,258	54	56	42	46	
New Brunswick	177	170	12,134	12,214	69	72	61	64	
Nova Scotia	182	173	13,678	14,160	75	82	64	72	
PEI	151	142	9,686	9,772	64	69	59	63	
CANADA	10,618	10,293	699,449	712,792	66	69	53	56	

MILK PRODUCTION (KG) PER COW PER PROVINCE PRODUCTION LAITIÈRE (KG)/VACHE/PROVINCE



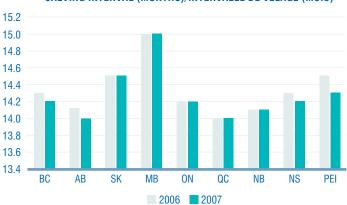
SOMATIC CELL COUNT AVERAGE BY PROVINCE MOYENNE DU COMPTAGE DE CELLULES SOMATIQUES/PROVINCE



AVERAGE DRY PERIOD (DAYS)/MOYENNE DES JOURS TARIS



CALVING INTERVAL (MONTHS)/INTERVALLE DE VÊLAGE (MOIS)



REGIONAL STATISTICS

P R O D U C T I O N

Region	Number of Herds	305 M	305 F	305 P	Composite BCA	BCA M	BCA F	BCA P	Composi	
	or nerus				DUA				2006	2005
BRITISH COLUMBIA										
AGASSIZ	20	10,026	364	316	217.1	220	214	218	212.6	210.9
CENTRAL B.C.	9	9,282	343	295	203.3	203	203	203	200.6	199.6
CHILLIWACK	64	10,232	374	323	223.8	227	221	224	219.3	219.6
COURTENAY-COMOX	13	9,061	344	291	204.9	204	206	205	199.8	207.6
COWICHAN	30	9,867	373	315	219.4	218	221	219	210.6	214.5
DELTA-RICHMOND	15	10,042	362	321	217.0	219	212	220	214.8	213.8
DEWDNEY-DEROCHE	28	9,838	366	317	223.6	227	218	226	220.9	220.3
KAMLOOPS-OKANAGAN	64	9,893	360	316	216.7	218	213	219	214.4	212.3
KOOTENAY	6	10,344	369	323	217.8	222	214	218	214.1	214.6
MATSQUI	22	10,095	358	319	218.2	223	211	221	220.3	218.9
PITT MEADOWS-MAPLE RIDGE	9	9,557	356	306	220.9	229	211	222	218.9	219.0
SUMAS	38	9,950	360	315	218.0	221	214	219	213.3	212.7
SURREY-LANGLEY	32	10,217	368	326	228.7	234	220	232	223.8	226.0
ALBERTA										
CALGARY	65	9,539	344	303	209.1	212	204	211	205.4	204.5
EDMONTON	126	9,224	333	292	199.8	203	196	201	195.1	194.5
LETHBRIDGE / BROOKS	119	9,955	359	314	216.8	220	213	218	210.1	208.7
PEACE RIVER	4	8,925	324	289	199.5	200	196	203	190.7	196.4
RED DEER	172	9,804	351	309	212.7	216	208	214	206.8	205.7
VERMILION	16	8,467	316	271	194.5	198	190	196	190.3	187.5
SASKATCHEWAN										
CANORA	9	8,411	295	271	175.4	178	168	180	174.8	172.1
PRINCE ALBERT/MELFORT	12	9,247	322	298	197.6	201	188	204	192.7	191.4
REGINA	18	10,132	352	324	214.6	219	205	220	209.7	201.1
SASKATOON	16	9,144	336	296	204.3	206	199	208	198.4	205.7
SASKATOON EAST	45	9,528	343	304	207.7	210	202	210	206.5	206.0
SASKATOON WEST	16	9,497	343	303	208.7	210	205	211	206.1	207.3
SWIFT CURRENT	21	9,487	350	306	208.7	208	207	211	199.5	202.7
WEYBURN	18	9,416	351	303	202.0	201	202	204	196.7	198.4
MANITOBA										
CENTRAL	69	9,331	336	299	201.6	204	196	205	199.9	201.2
EASTERN	106	9,015	329	289	195.3	197	192	197	188.1	191.9
INTERLAKE	41	9,353	346	300	201.4	202	199	203	195.3	194.6

E N R O L L M E N T

	BW LOLL				All Western Provinces						
	British Columbia	Alberta	Saskatchewan	Manitoba	2007	2006	2005	2004			
DHI HERDS	351	505	157	241	1,254	1,301	1,355	1,419			
PERCENT PUBLISHABLE	85%	56%	66%	75%	69%	68%	66%	66%			
PERCENT MANAGEMENT	15%	44%	34%	25%	31%	32%	34%	34%			
DHI COWS	43,123	57,629	19,432	25,312	145,496	146,873	149,930	148,160			
PERCENT PUBLISHABLE	84%	61%	69%	79%	72%	71%	69%	69%			
PERCENT MANAGEMENT	16%	39%	31%	21%	28%	29%	31%	31%			
AVERAGE HERD SIZE	123	114	124	105	116	113	111	104			

PRODUCTION TRENDS

Year	British Columbia			Alberta			S	askatche	wan	Manitoba			
Tedi	Milk (kg)	Fat (kg)	Protein (kg)	Milk (kg)	Fat (kg)	Protein (kg)	Milk (kg)	Fat (kg)	Protein (kg)	Milk (kg)	Fat (kg)	Protein (kg)	
2007	9,961	364	317	9,605	346	304	9,432	340	303	9,113	333	292	
2006	9,823	356	310	9,406	337	296	9,294	337	297	8,835	318	283	
2005	9,928	354	312	9,353	334	295	9,297	336	298	8,974	325	288	
2004	10,077	350	316	9,518	333	300	9,379	335	302	9,148	325	295	

University of British Columbia, Dairy Education and Research Centre, Agassiz, BC



Nelson Dinn not only faces the normal challenges of managing a herd of 230 milking cows, but also following management protocols for dozens of research projects underway at the University of British Columbia's Dairy Education Research Centre at Agassiz.

As an example, there was a trial last year to compare four different estrous synchronization systems, and they obviously are not all the best and that impacts the herd management score for reproductive performance. Despite these challenges, he still managed to bring the herd in at third for the province for Herd Management Score.

In addition to the many students from UBC who have been educated through research training and presentations, visiting students and researchers have come from 25 countries during the last decade to

take advantage of Canada's largest and most up-to-date facility. It's one of the few in the world that can gather individual data on feed and water intake for a herd that's in free-stall housing.

Dinn is delighted with the service that CanWest DHI provides. Data collection and analysis is integrated among the Boumatic milking system, Dairy Comp 305 and DHI. The DHI lab also runs the additional milk component tests the researchers require to complement the usual data set provided to commercial dairymen.

"I pay close attention to somatic cell counts," Dinn says of his personal use of the DHI data.

Animal welfare is one of the key areas of research, so there are always lots of cow comfort trials underway. Lameness is one of the themes right now.

"There is the potential to have 31 different milking groups" in the herd, Dinn said, so keeping track of everything is a major challenge, and DHI is a big help in meeting those challenges. "Milk production is useful in almost every research project."

He finds the 305-day milking reports useful in arranging groups of similar cows.

He has high regard for the staff of six farm workers. He also appreciates the generosity of B.C. dairy farmers and local companies in providing money and contributions in kind. The research centre, which is a joint venture between the University of British Columbia and the federal agriculture department, can then use this base support to seek matching funds from governments and others.

Dinn offers special personal thanks to Westgen which not only provides research funding, but also "helps me in my breeding program to improve the genetics of the herd all the time."

Dinn is building on a long tradition of excellence because some of the herd traces its pedigrees to the federal agriculture research herd at Agassiz which, during the late 1960s, ranked among the best in the country. Today, the cows may not have kept up with Canada's best, but the herd management surely has.

BRITISH COLUMBIA HERD MANAGEMENT SCORE

Ranl	& Farm Name	Herd Owner	City	Total Score	Herd Size	Breed	Region
1	MARTIN & MARY ZWARTBOL		CHILLIWACK	952	72	НО	CHILLIWACK
2	MILKY WAY DAIRY	FRANK & DEBBIE LES	CHILLIWACK	942	63	НО	CHILLIWACK
3	UBC DAIRY EDUCATION & RESOURCE C	CENTRE NELSON DINN	AGASSIZ	922	280	НО	AGASSIZ
4	VAN JAARSVELD HOLDINGS LTD	RON & SUSAN VAN JAARSVELD	DUNCAN	DUNCAN 921		НО	COWICHAN
5	E. P. FARMS LTD	J EDGE PARTINGTON	CRESTON	914	74	НО	KOOTENAY
6	COUNTRY CHARM FARMS LTD	HUIZING BROTHERS	MATSQUI	893	214	НО	MATSQUI
7	MARLENA FARMS LTD	MARTIN VERMEER	DEWDNEY	890	176	НО	DEWDNEY-DEROCHE
8	MEADOW GOLD FARMS	ERNEST & SIG BIRKHOLZ	CHILLIWACK	883	183	НО	CHILLIWACK
9	FRUEH FARM LTD	STEVE FRUEH	DUNCAN	878	91	НО	COWICHAN
10	PENDRAY FARMS LTD	LINDA PENDRAY	NORTH SAANICH	870	275	НО	COWICHAN
11	JOHN HYLKEMA		CHILLIWACK	864	138	НО	CHILLIWACK
12	ALPINA DAIRY FARM LTD	R & T RUSSENBERGER	ABBOTSFORD	860	127	НО	SUMAS
13	VALEDOORN FARMS INC	TOM & JOHN HOOGENDORN	AGASSIZ	855	197	НО	AGASSIZ
14	JASON & JENNIFER PRETTY		GRINDROD	853	52	НО	KAMLOOPS-OKANAGAN
15	MALABAR FARM	NORMAN VANDER WYK	DEWDNEY	849	119	НО	DEWDNEY-DEROCHE
16	ROBERT DALE		MISSION	844	94	JE	DEWDNEY-DEROCHE
17	WIKKSVIEW FARM LTD	FRED WIKKERINK	COBBLE HILL	844	69	НО	COWICHAN
18	HARDENBERG & SONS	CHRIS VONHARDENBERG	DEWDNEY	839	165	НО	DEWDNEY-DEROCHE
19	WILLIAM WIKKERINK FARMS	J WIKKERINK	COBBLE HILL	833	146	НО	COWICHAN
20	MARTIANN HOLSTEINS LTD	MARTIN HAMMING	DELTA	827	215	НО	DELTA-RICHMOND

Hulleman Farms, Lacombe, AB



Martijn Hulleman immigrated from the Netherlands five years ago, worked two years as a hired hand and then bought a 280-acre farm east of Lacombe, built a new barn and bought two herds to start farming on his own.

Despite the challenges of introducing the cattle to each other and a new barn with hard concrete floors, he has managed to bring them up to good production and has achieved one of the best reproduction records in the area. In fact, things have improved so much that Hulleman Farms ranks second in Alberta for overall Herd Management Score.

"It's always hard when you're starting out like that," he says.
"That's going to cost you in production and reproduction.
But the last two years, things have been getting better."

Martijn makes full use of DHI services. The first data he checks is the Somatic Cell Count scores, then reproductive performance. His veterinarian and nutritionist have full access to delve into his DHI records "whenever they want" and whenever they come to the farm, they're fully prepared to address any issues either they or Martijn have spotted.

Martijn is also using DHI for MUN analyses and has had the herd checked for Johne's.

He's milking about 60 Holsteins, working with minimal parttime help from milkers three afternoons per week. His brother, Ronald, is potato farming nearby and "we help each other out during the busy times." Martijn might gain some help when he marries his fiancée, a florist in Lacombe, "but maybe it's me who will be helping her," he joked.

He feeds a ration that's a third each corn silage, barley silage and haylage, plus some hay, rolled barley and supplement.

His secret to high reproductive performance is synchronizing heats and doing all of his own artificial insemination. "By using the Presynch program, I get my cows bred within 60 days of calving and we preg-check them every two weeks. That's especially important because my home is not located on the dairy itself and it creates flexibility during potato season," he said.

"I was surprised to be second in Alberta," says Martijn, "especially since I'm just starting out."

ALBERTA HERD MANAGEMENT SCORE

Ran	k & Farm Name	Herd Owner	City	Total Score	Herd Size	Breed	Region
1	KOOY DAIRY	DELBERT KOOY	LETHBRIDGE	960	79	НО	LETHBRIDGE / BROOKS
2	HULLEMAN FARMS	MARTIJN HULLEMAN	LACOMBE	938	62	НО	RED DEER
3	ROSEGLEN COLONY	RUEBEN ENTZ	HILDA	937	93	НО	LETHBRIDGE / BROOKS
4	HOUWELING FARMS LTD	PETE HOUWELING	COALDALE	COALDALE 933		НО	LETHBRIDGE / BROOKS
5	NIELSEN FARMS LTD		LACOMBE	926	168	НО	RED DEER
6	ROSS LAKE DAIRIES LTD	JOE & NICOLE VERHOEVEN	STETTLER	910	57	НО	RED DEER
7	BRANDO HOLSTEINS	WIM & SYLVIA SCHAKEL	LACOMBE	907	186	НО	RED DEER
8	TEN BRUMMELHUIS DAIRY	ALFONS & WILMA TEN BRUMMELHUIS	OLDS	901	87	НО	CALGARY
9	EARNEWALD HOLSTEINS	BRAM & INEKE DE JONG	LACOMBE	894	141	НО	RED DEER
10	PRAIRIEHOME COLONY	JONATHAN WALDNER	WRENTHEM	890	117	НО	LETHBRIDGE / BROOKS
11	HARMEN LEUSINK		PICTURE BUTTE	890	107	НО	LETHBRIDGE / BROOKS
12	JAN & AGNES HEIDA		BARRHEAD	889	61	НО	EDMONTON
13	ARIE & DINEKE PHILIPSEN		LACOMBE	887	281	НО	RED DEER
14	WETOKA FARMS LTD	ART & EILEEN ROTH	MILLET	886	71	НО	RED DEER
15	WOUTERS DAIRY	MAARTEN & JOHANNA WOUTERS	INNISFALL	881	93	НО	RED DEER
16	DEERFIELD COLONY	ANDY WALDNER	MAGRATH	880	103	НО	LETHBRIDGE / BROOKS
17	SUNALTA FARMS	SIEBE BROUWER	PONOKA	877	247	НО	RED DEER
18	BLES-WOLD DAIRY	HENNIE & TINIE E BOS	LACOMBE	876	233	НО	RED DEER
19	H & W ROMMENS FARMS	H & W ROMMENS	DUCHESS	876	188	НО	LETHBRIDGE / BROOKS
20	POLY-C FARMS	COR & CATHY HAAGSMA	PONOKA	874	152	НО	RED DEER

University of Saskatchewan, Department of Animal and Poultry Science, Saskatoon, SK



Neither hail, nor sleet nor a strike kept Marlene Fehr from leading the staff tending the University of Saskatchewan's 70-head Holstein herd to first place for Herd Management Score for Saskatchewan.

The month-long strike that began Nov. 2 was the biggest challenge of the year because all six of the staff she supervises are union members. It took five days to establish the dairy herd as an essential service, and then only one person per day could come in to help. Students filled in as milkers and university managers fed the cattle.

"It turned out to be a good experience for them," she says of the managers "because they learned what it's like to work in a dairy barn."

"We have a really good staff and that's probably why the university ranked first", she said. They not only have to manage a dairy herd, but also incorporate many research projects, most of them related to nutrition.

Those challenges mean Fehr depends heavily on CanWest DHI to furnish the data required not only for routine management, but also to serve the needs of the research teams from the Department of Animal and Poultry Science, the Western College of Veterinary Medicine and the Vaccine and Infectious Diseases Organization (VIDO). She makes sure the students she teaches are well aware of the value of DHI for herd management ranging from nutrition to herd health and reproduction.

Students visit the herd to learn about issues such as TMR, particle size, body condition scores, type classification, she said. Some are diploma course students, some in their third or fourth year of Animal and Poultry Science studies and some from first year at the veterinary college.

She personally pays the closest attention to the DHI data for somatic cell counts and the persistency of milk production, both on a herd-wide and individual basis.

Her word of advice for dairy farmers is to make the best quality forage possible. "It makes all the difference," she said. Concentrates can be formulated to optimize production from available forage, but the better the forage base, the better the herd's performance will be, she says.

"That comes as no surprise to dairy farmers, yet it bears repeating."

When it comes to balancing rations, Fehr tailors them closely to different groupings – a calf starter, calf grower, growing heifer, dry cow and a couple of standard milking-cow rations. The university has its own mill, but during the strike Fehr purchased from Federated Cooperatives.

SASKATCHEWAN HERD MANAGEMENT SCORE

R	nnk & Farm Name	Herd Owner	City	Total Score	Herd Size	Breed	Region
1	DEPARTMENT OF ANIMAL & POULTRY	SCIENCE	SASKATOON	893	62	НО	SASKATOON EAST
2	HAVEN COLONY	JAKE ENTZ	FOX VALLEY	887	89	НО	SWIFT CURRENT
3	PRAIRIE DIAMOND FARM	HARLEY STRUDWICK	BALGONIE	882	71	НО	REGINA
4	SUNNYSIDE DAIRY	BAS & MARTHA FROESE	SASKATOON	854	23	НО	SASKATOON
5	PENNANT COLONY	DAN WIPF	PENNANT	842	94	НО	SWIFT CURRENT
6	GLENRIDGE HOLSTEINS	BRUCE LOVERIDGE	GRENFELL	838	64	НО	WEYBURN
7	RYNVIEW HOLSTEINS	MICHAEL WESSELINGH	SASKATOON	838	60	НО	SASKATOON EAST
8	FOTH VENTURES LTD	MELVIN FOTH	HAGUE	818	307	НО	SASKATOON EAST
9	ELKREST FARMS	BRAD JASON TREVOR KORNELIUS	OSLER	812	537	НО	SASKATOON EAST
10	SMILEY HUTTERITE COLONY	LEONARD KLEINSASSER	SMILEY	806	65	НО	SASKATOON WEST
11	ABBYVIEW FARMS	BEN VANDERKOOI	SASKATOON	794	444	но	SASKATOON EAST
12	ALLEY HOLSTEINS	ALBERT LEYENHORST	DALMENY	775	144	НО	SASKATOON EAST
13	SPRINGLAKE COLONY	SAMUEL HOFER	SWIFT CURRENT	775	100	НО	SWIFT CURRENT
14	DELAINE HOLSTEINS	ELAINE DONALD	SASKATOON	771	129	НО	SASKATOON EAST
15	SCHULTZ FAMILY FARM	ALVIN & MITCH SCHULTZ	DALMENY	770	126	НО	SASKATOON EAST
16	EAGLEWOOD HOLDINGS LTD	EARL & SCOTT WOODSIDE	ASQUITH	767	76	НО	SASKATOON WEST
17	BAUMANN HOLSTEINS	EMANUEL & SIMON BAUMANN	KIPLING	765	76	НО	WEYBURN
18	D & E DAIRY LTD	DENNIS & ESTER ENS	HAGUE	763	48	НО	SASKATOON EAST
19	KENBERT ACRES	HERB, JAKE & KEN FRIESEN	DRAKE	759	116	НО	SASKATOON EAST
20	HAGUEVIEW FARM INC	DALE NEUDORF	HAGUE	754	77	НО	SASKATOON EAST

Springmeadow Farm, Libau, MB



Laurent and Corinne Failletaz pay close attention to most everything involved in their 48-head Holstein herd of milking cows, so they ended up second in Manitoba for overall Herd Management Score. "We do the best we can every day of the year," says Laurent.

He also enjoys the thrill of winning awards, so works hard to improve his herd management. "I don't want to boast, or show off," he says, "but it's fun to compare with each other. It gives me the passion."

Laurent and Corinne came to Canada as exchange students, working at a farm near Winchester, Ontario, before buying their Manitoba farm in November, 2002. They changed the ration to boost milk production and in 2003 they renovated the barn "and milk production really jumped."

The renovation widened the tie stalls, eliminating those narrower than 48 inches and making room for some as wide as 56 inches. There are three different stall sizes now to make sure that every cow is comfortable. Laurent and Corinne are firm believers in cow comfort.

They also pay close attention to DHI data. For example, Laurent uses it to identify the best cows and to cull those with the lowest BCA. He keeps a close eye on milk components and milk value and uses that information to choose sires that will improve the next generation for his herd.

"Managing without DHI is short term," he says. "With DHI, you can improve your herd and income for the long term, the next 25 years. DHI isn't a cost. It pays back over the long term."

Laurent feeds a TMR that features dry hay, supplement, high-moisture corn and corn silage. The supplement is in the TMR, not top-dressed.

Corinne, who is expecting a second child soon, can and does handle most types of jobs in the barn, such as feeding, milking and tending calves. Laurent estimates her contribution equals three-quarters of a full-time hired hand. Their first child, daughter Morgane, is two.

Laurent and Corinne placed fifth for overall herd management in 2006, second last year and will be aiming for first this year. "I like it," he says of the challenge to get better.

MANITOBA HERD MANAGEMENT SCORE

Rank	& Farm Name	Herd Owner	City	Total Score	Herd Size	Breed	Region
1	COLUMBINE HOLSTEINS	JACOB & ANNITA BENTHEM	ELM CREEK	857	87	НО	CENTRAL
2	SPRINGMEADOW FARM	LAURENT & CORINNE FAILLETAZ	LIBAU	851	56	НО	INTERLAKE
3	JUBEMA HOLSTEINS	BEERD HOP & FAMILY	TOLSTOI	832	85	НО	EASTERN
4	VANDEL HOLSTEINS	L VANDENBOSSCHE	BRUXELLES	BRUXELLES 826		НО	CENTRAL
5	SNOWFLAKE JERSEYS	GRANT DIDKOWSKI	SNOWFLAKE	826	49	JE	CENTRAL
6	PHILIPPOT DAIRY FARMS	ALAIN PHILIPPOT	ST CLAUDE	805	77	НО	CENTRAL
7	BOONSTRA FARMS LTD	BRIAN & ROB BOONSTRA	MARQUETTE	804	300	НО	INTERLAKE
8	HANMAR HOLSTEINS	HANS & MARIANN BUCHELI	ANOLA	798	58	НО	EASTERN
9	FIFI HOLSTEINS	GABRIEL FIFI	BRUXELLES	793	27	НО	CENTRAL
10	AIRPORT COLONY	LEVI HOFER	PORTAGE	777	74	НО	CENTRAL
11	HARDA HOLSTEINS	KIRK & HARRIETTE WILE	STEINBACH	772	37	НО	EASTERN
12	DONFIELD FARMS	GARRY DONOHOE	BRANDON	757	81	HO	SOUTH WEST
13	CURRENT HOLSTEINS	CURTIS & DARREN HUEGING	WOODLANDS	755	71	HO	INTERLAKE
14	COTTONWOOD HOLSTEINS	EDWOOD, GWEN & BRENT OSWALD	STEINBACH	751	111	HO	EASTERN
15	DELICHTE HOLSTEINS	HENRY & MAURICE DELICHTE	ST ALPHONSE	751	48	НО	CENTRAL
16	ROCKY RIDGE DAIRY	HOTZE & PIETJE WOUDSTRA	GRUNTHAL	746	137	HO	EASTERN
17	C&D FARMS	CORNIE PENNER	ALTONA	743	63	НО	CENTRAL
18	MATT & TANYA PLETT		LANDMARK	742	39	НО	EASTERN
19	GEECEE	GUY & CLAUDE FOREST	ST MALO	741	49	НО	EASTERN
20	WILDROSE JERSEYS	F & S SCHWEIGERT	INWOOD	738	46	JE	INTERLAKE

BRITISH COLUMBIA

Farm	Herd Owner	City	Avg BCA	BCA M	BCA F	BCA P	Records	Milk kg	Fat kg	Prot kg	Breed	
MEADOW GOLD FARMS	ERNEST & SIG BIRKHOLZ	CHILLIWACK	282.0	298	264	284	135	13,341 *	440	405	Н	
JOHN TAMIS		SURREY	276.3	288	260	281	53	12,350	430	388	H,G,B	
TRIWEST FARMS	VIC & TERRY TRIEMSTRA	CHILLIWACK	274.3	282	269	272	106	12,655 *	449	387	Н	
BARBROS JERSEY FARM	TOM BARICHELLO	LANGLEY	274.3	290	252	281	36	8,157	384	300	J	
E.P. FARMS LTD	J EDGE PARTINGTON	CRESTON	268.3	272	265	268	67	12,273	441	384	Н	
JOHN HYLKEMA		CHILLIWACK	267.7	268	267	268	93	12,395	460	392	Н	
FRUEH FARM LTD	STEVE FRUEH	DUNCAN	267.3	259	286	257	62	12,291	501	385	Н	
NATURE GLEN DAIRY	BEN BRANDSMA & BI BOWMAN	ABBOTSFORD	261.3	263	254	267	62	11,847	426	384	H,J	
LYBA FARMS	LYLE MAMMEL	CHILLIWACK	261.0	265	245	273	51	11,555	398	381	Н	
MARLENA FARMS LTD	MARTIN VERMEER	DEWDNEY	258.7	267	245	264	136	11,820 *	403	373	Н	
MALABAR FARM	NORMAN VANDER WYK	DEWDNEY	257.0	272	232	267	104	12,183	386	382	Н	
KOOLDALE FARMS LTD	KOOLDALE FARMS LTD	SURREY	256.7	258	255	257	89	11,934	441	379	Н	
TELFORD FARMS	JAMES TELFORD	ABBOTSFORD	256.0	268	234	266	48	12,615	406	396	Н	
BLOSSOM DAIRY LTD	VICTOR & BRIAN GOERTZEN	CHILLIWACK	255.0	248	270	247	83	11,363	461	359	Н	
MILKY WAY DAIRY	FRANK & DEBBIE LES	CHILLIWACK	254.3	257	256	250	49	11,420	424	353	Н	
DAVISON FARM	KEVIN DAVISON	MAPLE RIDGE	253.0	289	209	261	95	7,658	299	263	J	
VAN GARD FARMS LTD	JIM VAN GARDEREN	CHILLIWACK	253.0	262	234	263	58	11,688	392	374	Н	
ST CHRISTOPHER	ALLAN, RANDELL DE JONG & FAMILY	SURREY	252.3	268	221	268	118	12,154 *	371	388	Н	
H ANTONSEN & CO. LTD	HARVEY ANTONSEN	ALDERGROVE	252.3	257	245	255	48	11,835	420	375	Н	
SWAANSITE HOLSTEINS	NEIL SWAAN	SALMON ARM	251.3	254	249	251	19	11,726	424	368	Н	

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ALBERTA

Farm	Herd Owner	City	Avg BCA	BCA M	BCA F	BCA P	Records	Milk kg	Fat kg	Prot kg	Breed
RINSMA HOLSTEINS	GEERT RINSMA	OLDS	285.7	301	266	290	62	14,445 *	471	440	Н
NORTHEND FARM	BRODIE & BRENDA CUPPLES	THORSBY	280.0	293	258	289	13	8,133	297	263	M,G
EARNEWALD HOLSTEINS	BRAM & INEKE DE JONG	LACOMBE	273.3	277	273	270	126	12,084	441	376	Н
VANDEN POL DAIRY	GYS & SILIA VANDEN POL	COALDALE	266.7	278	248	274	58	12,362 *	410	387	Н
ROSELANE HOLSTEINS		ROLLYVIEW	265.0	276	255	264	51	12,367	429	382	H,B
H & W ROMMENS FARMS	H & W ROMMENS	DUCHESS	264.3	271	252	270	160	12,418	428	393	Н
WESTPRIDE FARMS LTD	DALE & ADAM STANNARD	RED DEER	262.3	275	249	263	104	12,433 *	419	378	Н
TEN BRUMMELHUIS DAIRY	A & W TEN BRUMMELHUIS	OLDS	261.0	274	245	264	63	12,210	405	376	H,B
OK COLONY	JONATHON WALDNER	RAYMOND	259.0	264	255	258	30	11,703	418	363	Н
SCOVA FARMS LTD	SCOTT INGWERSEN	PONOKA	258.7	273	252	251	115	12,186 *	419	358	Н
HAPPY COW DAIRY	KEES & MIRANDA VERHOEF	INNISFAIL	256.7	269	236	265	56	11,814 *	389	374	H,B
EVERT & JANNETT VAN BENTHEM	I	INNISFAIL	256.3	270	241	258	99	12,212	404	371	Н
DE LINGE DAIRY FARM	JOOP GARRETSEN	CRANFORD	255.0	267	239	259	128	12,202	404	376	Н
WETOKA FARMS LTD	ART & EILEEN ROTH	MILLET	255.0	268	243	254	59	12,281	414	370	Н
MORSAN DAIRY	MORRIS THALEN	PONOKA	254.3	264	248	251	487	11,753 *	412	357	H,B
WILL & ROB ROMMENS		DUCHESS	254.3	262	241	260	136	11,849	404	374	Н
MORSAN DAIRY	MORRIS THALEN	PONOKA	254.3	255	250	258	40	11,319	414	365	Н
THORNSPYC DAIRY	WIM VAN DE BRAKE	LACOMBE	253.0	258	250	251	136	11,574	417	360	Н
NEW MARS DAIRY	HENK SCHRIJVER	MILLET	252.7	247	266	245	162	11,361	453	359	Н
BUIT DAIRIES LTD	RUSS & JUDI BUIT	BENTLEY	252.7	265	243	250	53	11,477 *	391	345	Н

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SASKATCHEWAN

Farm	Herd Owner	City	Avg BCA	BCA M	BCA F	BCA P	Records	Milk kg	Fat kg	Prot kg	Breed
RYNVIEW HOLSTEINS	MICHAEL WESSELINGH	SASKATOON	282.7	289	272	287	49	12,948	452	410	Н
PRAIRIE DIAMOND FARM	HARLEY STRUDWICK	BALGONIE	276.0	277	269	282	57	13,042	467	421	Н
FOTH VENTURES LTD	MELVIN FOTH	HAGUE	260.3	269	246	266	232	12,109 *	412	382	Н
NEXGEN FARMS	KEN LISCHKA	STEELEMAN	260.0	256	262	262	47	12,324	467	399	Н
KAWARTHA HOLSTEINS	DAVE & MELISSA MCMORROW	OSLER	251.0	254	237	262	60	11,425	407	379	H,J
NORWIND DAIRY	ERNIE FRIESEN	MARTENSVILLE	247.0	256	233	252	41	11,109	379	350	H,J
PENNANT COLONY	DAN WIPF	PENNANT	245.7	240	261	236	75	10,985	446	344	Н
DELAINE HOLSTEINS	ELAINE DONALD	SASKATOON	245.3	246	250	240	103	11,281	425	351	Н
DEPARTMENT OF ANIMAL & PO	SASKATOON	241.3	241	239	244	52	10,948	402	353	Н	
BAUMANN HOLSTEINS	KIPLING	240.7	241	246	235	57	10,843	410	336	Н	
KESSEL FAMILY FARM	RAYMOND KESSEL	BALGONIE	235.3	242	225	239	110	11,052	378	346	Н
ROBERTSON DAIRY LTD	CLAYTON ROBERTSON	BULYEA	235.3	240	221	245	87	11,184	380	361	Н
FORNWALD & SONS FARMS LT	D, T & C FORNWALD	LAMPMAN	234.7	243	217	244	108	11,280	383	362	H,J
EAGLEWOOD HOLDINGS LTD	EARL & SCOTT WOODSIDE	ASQUITH	232.0	234	225	237	66	10,701	380	345	Н
ELKREST FARMS BI	RAD, JASON & TREVOR KORNELIUS	OSLER	230.7	239	222	231	417	10,852 *	374	334	H,A
RIVERBEND INSTITUTION	CORCAN AGRIBUSINESS	PRINCE ALBERT	230.3	230	230	231	42	10,682	395	340	Н
GLENRIDGE HOLSTEINS	BRUCE LOVERIDGE	GRENFELL	229.7	232	232	225	44	10,796	402	332	Н
COSSETTE FARMS LTD	RANDY COSSETTE	ESTEVAN	227.7	230	218	235	74	10,635	372	344	Н
ARTOMDA FARMS	RANDY STOKER	HAGUE	227.3	235	217	230	81	10,839	373	337	Н
SPRINGWATER COLONY	ANDY STAHL	RUTHILDA	227.0	234	219	228	163	10,526	364	325	Н

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MANITOBA

Farm	Herd Owner	City	Avg BCA	BCA M	BCA F	BCA P	Records	Milk kg	Fat kg	Prot kg	Breed	
AGGIES HOLSTEINS	HERMANN & AUDREY HUEGING	WOODLANDS	288.0	298	278	288	89	13,561	468	417	Н	
AIRPORT COLONY	LEVI HOFER	PORTAGE	267.0	281	253	267	52	12,323	412	374	Н	
VANDEL HOLSTEINS	L VANDENBOSSCHE	BRUXELLES	264.7	266	255	273	43	12,096	431	394	Н	
JUBEMA HOLSTEINS	BEERD HOP & FAMILY	TOLSTOI	261.7	268	247	270	60	11,405	394	367	Н	
JAMES VALLEY COLONY	TIM WURTZ	ELIE	261.3	270	260	254	64	12,986 *	463	385	Н	
PENNVIEW HOLSTEINS	LARRY PENNER	BLUMENORT	260.3	259	262	260	49	12,080	453	384	Н	
CURRENT HOLSTEINS	CURTIS & DARREN HUEGING	WOODLANDS	259.0	269	245	263	52	13,078	440	406	Н	
SPRINGMEADOW FARM	LAURENT & CORINNE FAILLETAZ	LIBAU	249.0	254	239	254	40	11,735	413	374	H,J	
SWISS DREAM FARM		WAWANESA	248.7	250	248	248	50	9,544	381	332	В	
DONFIELD FARMS	GARRY DONOHOE	BRANDON	246.0	239	250	249	65	11,124	434	368	Н	
FRIECREST HOLSTEINS	ED & KATHY FRIESEN	KLEEFELD	245.0	243	252	240	71	11,138	428	349	Н	
STEINMANN DAIRY FARM	W & M STEINMANN	CLANDEBOYE	243.7	245	241	245	50	11,237	410	356	Н	
COTTONWOOD HOLSTEINS	EDWOOD, GWEN & BRENT OSWALD	STEINBACH	243.3	233	267	230	79	10,824	460	339	Н	
LIFEWIND HOLSTEINS	CHRISTOPHE ROULIN	STONEWALL	240.7	247	234	241	74	11,716	412	363	Н	
LAINGSPRING FARM	RAY & BERTHA LAING	STEINBACH	238.3	242	238	235	91	10,893	398	337	Н	
WILDROSE JERSEYS	F & S SCHWEIGERT	INWOOD	237.0	248	211	252	31	7,820	361	301	J	
DELICHTE HOLSTEINS	HENRY & MAURICE DELICHTE	ST ALPHONSE	236.7	239	224	247	38	10,353	371	344	H,J	
COLUMBINE HOLSTEINS	JACOB & ANNITA BENTHEM	ELM CREEK	236.0	238	230	240	77	10,673	384	344	Н	
MATT & TANYA PLETT		LANDMARK	235.3	235	233	238	26	11,399	421	366	Н	
POUTEAU HOLSTEINS LTD	DARCY, RANDY & ED POUTEAU	SWAN LAKE	234.0	236	224	242	85	10,655	377	348	Н	

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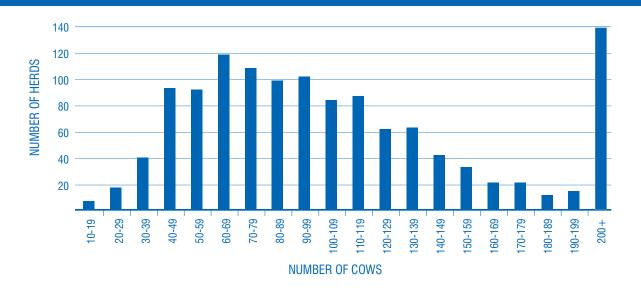
HERD DEMOGRAPHICS

BRITISH COLUMBIA % 0F HRIDS 12.3 40.5 33.9 13.4 5.4 42.5 97.5 88.4 13. AVERAGE HRID SIZE 38.3 74.3 135.2 315.2 56.5 127 115 216. AVERAGE MIK PRODUCTION 9.477 9.894 10.134 10.168 9.515 9.990 9.882 10.90 AVERAGE FRODUCTION 302 315 322 322 305 318 315 34 82.3 AVERAGE PROTEIN PRODUCTION 302 315 322 322 305 318 315 34 82.3 AVERAGE PROTEIN PRODUCTION 302 315 322 322 305 318 315 34 82.3 AVERAGE PROTEIN PRODUCTION 301 211 219 226 228 225 224 213 221 219 228 82.7 82.7 82.7 82.7 82.7 83.8 83.			He	rd Size		Hou	sing	Fre	quency
% OF HERDS 12.3 40.5 33.9 13.4 5.4 94.3 92.3 7. % OF COWS 3.9 24.5 37.3 34.4 2.5 97.5 86.4 13.2 AVERAGE HERD SIZE 38.8 74.3 136.2 315.2 65.5 127 115 216. AVERAGE PRODUCTION 9.477 8.84 10.134 10.188 9.515 9.990 9.882 10.90 AVERAGE PROTEIN PRODUCTION 305 383 388 365 348 365 364 36 BCA FAT 212 221 226 225 214 222 20 24 BCA FAT 210 211 219 225 224 213 221 219 23 BCA FROTEIN 211 219 225 224 213 221 219 23 ALBERTA 41.2 40.2 8.9 14.9 84 8.9 10. ALBERTA 40.7 <th></th> <th>0-49</th> <th>50-99</th> <th>100-199</th> <th>200+</th> <th>Tie-Stall</th> <th>Free Stall</th> <th>2x</th> <th>3x</th>		0-49	50-99	100-199	200+	Tie-Stall	Free Stall	2x	3x
% OF COWS 3.9 24.5 37.3 34.4 2.5 97.5 86.4 13. AVERAGE HERD SIZE 38.8 74.3 155.2 315.2 96.5 12.7 115 216. AVERAGE MILK PRODUCTION 9.477 3.894 10.134 10.188 9.515 9.990 9.882 10.50 AVERAGE FAT PRODUCTION 35.5 363 388 3.865 348 365 364 386 ALBERTA 210 214 219 217 203 216 215 222 BCA FROTEIN 211 219 225 224 213 221 216 225 224 213 221 215 222 22 22 22 22 22 22 215 22 22 21 215 22 22 21 215 22 24 9.3 89.8 86.5 14. 24 24 8.3 89.8 86.5 14. 24 24	BRITISH COLUMBIA								
AVERAGE HERD SIZE 38.8 74.3 135.2 315.2 56.5 127 115 216. AVERAGE MILK PRODUCTION 9.477 9.894 10.134 10.168 9.515 9.899 9.882 10.90 AVERAGE FAT PRODUCTION 302 315 322 322 305 318 315 315 24 BCA MILK 212 221 226 225 214 222 220 24 BCA FAT 210 214 219 227 203 216 215 22 BCA PROTEIN PRODUCTION 211 218 225 224 213 221 219 23 ALBERTA ** ***SUFFRIEND*** ***SUFFRIEND*** ****SUFFRIEND*** **	% OF HERDS	12.3	40.5	33.9	13.4	5.4	94.3	92.3	7.7
AVERAGE MILK PRODUCTION 9,477 9,894 10,134 10,168 9,515 9,890 9,882 10,90 AVERAGE FAT PRODUCTION 55 363 368 365 348 36	% OF COWS	3.9	24.5	37.3	34.4	2.5	97.5	86.4	13.6
AVERAGE FAT PRODUCTION 355 363 368 365 348 365 348 365 364 368 AVERAGE PROTEIN PRODUCTION 302 315 322 322 305 318 315 32 BCA MILK 212 221 226 226 225 214 222 220 24 BCA FAT 210 214 219 217 203 216 215 22 BCA PROTEIN 211 219 225 224 213 221 219 23 ALBERTA **S OF HERIDS 9.7 41.2 40.2 8.9 14.9 84 89.9 10. **S OF COUNS 3.4 27.7 46.5 22.4 8.3 88.8 85.5 14. AVERAGE HERD SIZE 40.3 76.7 132 287.1 71.7 122.1 108.6 163. AVERAGE MILK PRODUCTION 8.919 9.583 9.743 9.338 9.380 9.800 9.513 10.42 AVERAGE MILK PRODUCTION 287 303 307 309 299 305 301 32 BCA MILK 205 210 215 218 204 214 210 23 BCA PROTEIN 205 210 215 218 204 214 210 23 BCA PROTEIN 205 210 215 218 204 214 210 23 BCA PROTEIN 205 220 209 211 196 207 203 21 BCA PROTEIN 205 228 23.9 36.6 36.7 14.6 81.2 209 22 **SASKATCHEWAN** **S OF HERDS 9.6 40.1 34.4 15.9 26.1 67.5 93.6 6. **S OF COUNS 2.8 23.9 36.6 36.7 14.6 81.2 209 22 **SASKATCHEWAN** **S OF HERDS 9.6 40.1 34.4 15.9 26.1 67.5 93.6 6. **AVERAGE FAT PRODUCTION 207 32.1 11 196 207 203 21 BCA PROTEIN 204 209 213 214 204 212 209 22 **SASKATCHEWAN** **SOF COUNS 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE FAT PRODUCTION 8.017 9.635 9.378 9.886 9.222 9.511 9.380 10.19 AVERAGE FAT PRODUCTION 259 310 301 315 296 305 302 313 BCA MILK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 177 211 205 217 201 209 206 22 **BACHAIK 205 201 201 201 201 201 201 201 201 201	AVERAGE HERD SIZE	38.8	74.3	135.2	315.2	56.5	127	115	216.8
AVERAGE PROTEIN PRODUCTION 302 315 322 322 305 318 315 34 BCA MILK 212 221 226 226 225 214 222 220 24 BCA FAT 1 210 214 219 225 226 224 213 221 219 23 BCA PROTEIN 211 218 225 225 224 213 221 219 23 ALBERTA **ALBERTA* **N OF HEROS** ***S*** ****** ***** ****** ******	AVERAGE MILK PRODUCTION	9,477	9,894	10,134	10,168	9,515	9,990	9,882	10,901
BCA MILK 212 221 228 225 214 222 220 248 248 247 203 216 215 228 228 228 227 203 216 215 228	AVERAGE FAT PRODUCTION	355	363	368	365	348	365	364	369
BCA FAT 210 214 219 225 224 213 216 215 22 BCA PROTEIN 211 219 225 224 213 221 218 23 ALBERTA % OF HERDS 9.7 41.2 40.2 8.9 14.9 84 89.9 10. % OF COWS 3.4 27.7 46.5 22.4 9.3 89.8 85.5 14. AVERAGE MILK PRODUCTION 8,919 9,583 9,743 9,838 9,380 9,660 9,513 10,42 AVERAGE FAT PRODUCTION 224 342 353 356 337 348 343 36 AVERAGE FAT 193 202 209 211 196 207 203 21 BCA PROTEIN 204 209 213 214 204 214 210 23 BCA PROTEIN 205 2.8 23.9 36.6 36.7 14.6 81.2 86.5 14. AVERAGE HERDS SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE MILK PRODUCTION 8,919 9,583 9.36 36.9 36.7 14.6 81.2 85.6 14. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 278. AVERAGE PROTEIN PRODUCTION 8,917 9,555 9,376 9,886 9,222 9,511 9,980 10,19 AVERAGE HERD SIZE 36 73.8 130 301 315 296 305 302 31 BCA AMILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 183 202 199 21 BCA PROTEIN 176 213 205 217 201 209 206 22 BCA FAT 167 203 201 210 183 202 199 21 BCA PROTEIN 176 213 207 217 201 209 206 22 BCA PROTEIN 176 213 207 217 201 209 206 22 BCA FAT 167 203 201 210 183 202 199 21 BCA PROTEIN 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 183 202 199 21 BCA PROTEIN 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 183 202 199 21 BCA PROTEIN 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 183 202 199 21 BCA PROTEIN 177 211 205 217 201 209 206 22 BCA FAT 168 21 21 21 21 21 21 21 21 21 21 21 21 21	AVERAGE PROTEIN PRODUCTION	302	315	322	322	305	318	315	340
RABBERTA	BCA MILK		221			214		220	243
## ALBERTA ## OF HERDS	BCA FAT	210	214	219	217	203	216	215	221
% OF HERDS 9.7 41.2 40.2 8.9 14.9 84 89.9 10.0 % OF COWS 3.4 27.7 46.5 22.4 9.3 89.8 85.5 14. AVERAGE HERD SIZE 40.3 76.7 132 287.1 71.7 122.1 108.6 163. AVERAGE HERD SIZE 40.3 9.89 9.583 9.743 9.838 9.380 9.680 9.513 10.42 AVERAGE FAT PRODUCTION 324 342 353 356 337 348 343 36 AVERAGE FAT PRODUCTION 297 303 307 309 299 305 301 32 BCA FAT 193 202 209 211 196 207 203 21 BCA FAT 193 202 209 211 196 207 203 22 BCA FAT 193 202 209 211 196 207 203 20 <t< td=""><td>BCA PROTEIN</td><td>211</td><td>219</td><td>225</td><td>224</td><td>213</td><td>221</td><td>219</td><td>238</td></t<>	BCA PROTEIN	211	219	225	224	213	221	219	238
% OF COWS 3.4 27.7 46.5 22.4 9.3 88.8 85.5 1.4 AVERAGE HERD SIZE 40.3 76.7 132 287.1 71.7 122.1 108.6 183. AVERAGE MILK PRODUCTION 3.94 342 353 366 337 348 343 368 AVERAGE FAT PRODUCTION 287 303 307 309 299 305 301 32 BCA MILK 205 210 215 218 204 214 210 23 BCA FAT 193 202 209 211 196 207 203 21 BCA PROTEIN 204 209 213 214 204 212 209 22 SASKATCHEWAN **W OF COWS** 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE MILK PRODUCTION 8,017 9.635 9,378 9,886 9,222 9,511 9,3	ALBERTA								
AVERAGE HERD SIZE 40.3 76.7 132 287.1 71.7 122.1 108.6 163. AVERAGE MILK PRODUCTION 8,919 9,583 9,743 9,838 9,380 9,860 9,513 10,42 AVERAGE FAT PRODUCTION 324 342 353 356 337 348 343 36 AVERAGE PROTEIN PRODUCTION 287 303 307 309 299 305 301 322 BCA MILK 205 210 215 218 204 214 210 23 BCA FAT 193 202 209 211 196 207 203 21 BCA PROTEIN 204 209 213 214 204 212 209 22 SASKATCHEWAN % OF HERDS 9,6 40.1 34.4 15.9 26.1 67.5 93.6 6. % OF COWS 2,8 23,9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE MILK PRODUCTION 8,017 9,635 9,378 9,886 9,222 9,511 9,380 10,19 AVERAGE MILK PRODUCTION 287 345 341 356 322 342 339 35 AVERAGE MILK PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 177 211 205 217 201 208 20 31 BCA MILK 177 211 205 217 201 208 209 21 BCA PROTEIN 259 30 201 210 193 202 199 21 BCA PROTEIN 325 328 33.1 29.9 35.6 64.1 87.8 12. AVERAGE PROTEIN RODUCTION 357 7.3 244 7.2 11 98.8 6. **MOF LERDS 32.5 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 3.7 7.1 130.7 344 7.2 141 98.3 206.	% OF HERDS	9.7	41.2	40.2	8.9	14.9	84	89.9	10.1
AVERAGE MILK PRODUCTION 8,919 9,583 9,743 9,838 9,380 9,660 9,513 10,42 AVERAGE FAT PRODUCTION 324 342 353 356 337 348 343 368 AVERAGE PROTEIN PRODUCTION 287 303 307 309 299 305 301 32 BCA MILK 205 210 215 218 204 214 210 238 BCA FAT 193 202 209 211 196 207 203 21 BCA PROTEIN 204 209 213 214 204 212 209 22 SASKATCHEWAN % OF HERDS 9,6 40.1 34.4 15.9 26.1 67.5 93.6 6. % OF COWS 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE FAT PRODUCTION 8,017 9,835 9,378 9,886 9,222 9,511 9,380 10,19 AVERAGE FAT PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 201 210 193 202 199 21 BCA FAT 167 203 203 201 210 193 202 199 21 BCA FAT 167 203 203 201 210 193 202 199 206 22 BCA FAT 167 203 203 201 210 193 202 199 21 BCA FAT 167 203 29.8 33.1 29.9 36.6 64.1 87.8 12. AVERAGE FAT PRODUCTION 8,861 8,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 8,861 8,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 333 333 333	% OF COWS	3.4	27.7	46.5	22.4	9.3	89.8	85.5	14.5
AVERAGE FAT PRODUCTION 324 342 353 356 337 348 343 366 AVERAGE PROTEIN PRODUCTION 287 303 307 309 299 305 301 32 BCA MILK 205 210 215 218 204 214 210 23 BCA FAT 193 202 209 211 196 207 203 21 BCA PROTEIN 204 209 213 214 204 212 209 22 SASKATCHEWAN K OF HERDS 9.6 40.1 34.4 15.9 26.1 67.5 93.6 6. K OF COWS 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE HILK PRODUCTION 8.017 9.635 9.378 9.886 9.222 9.511 9.380 10.19 AVERAGE PROTEIN PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 21 MANITOBA **MANITOBA** **MANITOBA** **MOF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. **MANITOBA** **MOF HERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. **MOF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83 AVERAGE MILK PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.83	AVERAGE HERD SIZE	40.3	76.7	132	287.1	71.7	122.1	108.6	163.6
AVERAGE PROTEIN PRODUCTION 287 303 307 309 299 305 301 32 BCA MILK 205 210 215 218 204 214 210 23 BCA FAT 193 202 209 211 196 207 203 21 BCA PROTEIN 204 209 213 214 204 212 209 22 SASKATCHEWAN % OF HERDS 9.6 40.1 34.4 15.9 26.1 67.5 93.6 6. % OF COWS 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE FAT PRODUCTION 8.017 9.635 9.378 9.886 9.22 9.511 9.380 10.18 AVERAGE PROTEIN PRODUCTION 257 345 341 356 332 342 339 35 AVERAGE PROTEIN PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 21 BCA PROTEIN 178 213 207 217 202 210 207 21 BCA PROTEIN 37.5 7.1.2 130.7 344 7.2 21 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 71.2 130.7 344 7.2 141 98.3 206. AVERAGE HERD SIZE 37.5 9.078 9.638 AVERAGE HERD SIZE 37.5 9.078 9.638 AVERAGE FAT PRODUCTION 8.861 9.222 9.157 9.015 9.152 9.075 9.078 9.638 AVERAGE FAT PRODUCTION 325 333 333 333 333 333	AVERAGE MILK PRODUCTION	8,919	9,583	9,743	9,838	9,380	9,660	9,513	10,427
BCA MILK 205 210 215 218 204 214 210 23 BCA FAT 193 202 209 211 196 207 203 21 BCA PROTEIN 204 209 213 214 204 212 209 22 SASKATCHEWAN % 0F HERDS 8.6 40.1 34.4 15.9 26.1 67.5 93.6 6. % 0F COWS 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE MILK PRODUCTION 8.017 9.635 9,378 9,886 9,222 9,511 9,380 10,19 AVERAGE FAT PRODUCTION 287 345 341 356 332 342 339 35 BCA MILK 177 211 205 217 201 209 206 22	AVERAGE FAT PRODUCTION	324	342	353	356	337	348	343	369
BCA FAT 193 202 209 211 196 207 203 21 209 21 209 21 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 22 209 2	AVERAGE PROTEIN PRODUCTION	287	303	307	309	299	305	301	326
BCA PROTEIN 204 209 213 214 204 212 209 222 228 238 23	BCA MILK	205	210	215	218	204	214	210	230
SASKATCHEWAN % OF HERDS 9.6 40.1 34.4 15.9 26.1 67.5 93.6 6. % OF COWS 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE MILK PRODUCTION 8,017 9,635 9,378 9,886 9,222 9,511 9,380 10,19 AVERAGE FAT PRODUCTION 287 345 341 356 332 342 339 35 AVERAGE PROTEIN PRODUCTION 259 310 301 315 296 305 302 31 BCA FAT 177 211 205 217 201 209 206 22 BCA PROTEIN 178 213 207 217 201 209 206 22 MANITOBA % OF HERDS 20.3 44 26.6 9.1	BCA FAT	193	202	209	211	196	207	203	219
% OF HERDS 9.6 40.1 34.4 15.9 26.1 67.5 93.6 6. % OF COWS 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE PROTEIN 80.17 9.635 9.378 9.886 9.222 9.511 9.380 10.19 AVERAGE PROTEIN PRODUCTION 287 345 341 356 332 342 339 35 BCA MILK 177 211 205 217 201 209 206 22 BCA FROTEIN 178 213 207 217 202 210 207 211	BCA PROTEIN	204	209	213	214	204	212	209	226
% OF COWS 2.8 23.9 36.6 36.7 14.6 81.2 85.6 14. AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE MILK PRODUCTION 8,017 9,635 9,378 9,886 9,222 9,511 9,380 10,19 AVERAGE FAT PRODUCTION 287 345 341 356 332 342 339 35 AVERAGE PROTEIN PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 21 MANITOBA % OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8	SASKATCHEWAN								
AVERAGE HERD SIZE 36 73.8 131.7 285.1 69.4 148.8 113.2 279. AVERAGE MILK PRODUCTION 8,017 9,635 9,378 9,886 9,222 9,511 9,380 10,19 AVERAGE FAT PRODUCTION 287 345 341 356 332 342 339 35 AVERAGE PROTEIN PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 217 MANITOBA **MOF LERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. **MOF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 344	% OF HERDS	9.6	40.1	34.4	15.9	26.1	67.5	93.6	6.4
AVERAGE MILK PRODUCTION 8,017 9,635 9,378 9,886 9,222 9,511 9,380 10,19 AVERAGE FAT PRODUCTION 287 345 341 356 332 342 339 35 AVERAGE PROTEIN PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 1777 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 217 MANITOBA **MOF LERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6.* **W OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12.* AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 333 333 332 344	% OF COWS	2.8	23.9	36.6	36.7	14.6	81.2	85.6	14.4
AVERAGE FAT PRODUCTION 287 345 341 356 332 342 339 35 AVERAGE PROTEIN PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 21 MANITOBA WOF HERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. WOF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 333 332 344	AVERAGE HERD SIZE	36	73.8	131.7	285.1	69.4	148.8	113.2	279.6
AVERAGE PROTEIN PRODUCTION 259 310 301 315 296 305 302 31 BCA MILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 21 MANITOBA % OF HERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. % OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 333 333 332 344	AVERAGE MILK PRODUCTION	8,017	9,635	9,378	9,886	9,222	9,511	9,380	10,191
BCA MILK 177 211 205 217 201 209 206 22 BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 21 MANITOBA % OF HERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. % OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	AVERAGE FAT PRODUCTION	287	345	341	356	332	342	339	357
BCA FAT 167 203 201 210 193 202 199 21 BCA PROTEIN 178 213 207 217 202 210 207 21 MANITOBA % OF HERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. % OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	AVERAGE PROTEIN PRODUCTION	259	310	301	315	296	305	302	318
BCA PROTEIN 178 213 207 217 202 210 207 21 MANITOBA % OF HERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. % OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	BCA MILK	177	211	205	217	201	209	206	223
MANITOBA % OF HERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. % OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	BCA FAT	167	203	201	210	193	202	199	211
% OF HERDS 20.3 44 26.6 9.1 51.9 47.7 93.8 6. % OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	BCA PROTEIN	178	213	207	217	202	210	207	219
% OF COWS 7.3 29.8 33.1 29.9 35.6 64.1 87.8 12. AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	MANITOBA								
AVERAGE HERD SIZE 37.5 71.2 130.7 344 72 141 98.3 206. AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	% OF HERDS	20.3	44	26.6	9.1	51.9	47.7	93.8	6.2
AVERAGE MILK PRODUCTION 8,861 9,222 9,157 9,015 9,152 9,075 9,078 9,63 AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	% OF COWS	7.3	29.8	33.1	29.9	35.6	64.1	87.8	12.2
AVERAGE FAT PRODUCTION 325 333 337 335 333 333 332 34	AVERAGE HERD SIZE	37.5	71.2	130.7	344	72	141	98.3	206.1
	AVERAGE MILK PRODUCTION	8,861	9,222	9,157	9,015	9,152	9,075	9,078	9,635
AVERAGE PROTEIN PRODUCTION 285 295 294 290 294 291 292 30	AVERAGE FAT PRODUCTION	325	333	337	335	333	333	332	344
	AVERAGE PROTEIN PRODUCTION	285	295	294	290	294	291	292	304
BCA MILK 197 203 198 198 202 198 199 20	BCA MILK	197	203	198	198	202	198	199	208
BCA FAT 190 194 195 197 194 194 194 20	BCA FAT	190	194	195	197	194	194	194	200
BCA PROTEIN 197 203 199 199 202 199 200 20	BCA PROTEIN	197	203	199	199	202	199	200	206

DISPOSAL REASONS

Reason	British C	olumbia	Alber	ta	Sask	atchewan	Mai	nitoba
REPRODUCTIVE	3,056	29%	3,647	29%	973	28%	1,497	27%
MASTITIS AND/OR HIGH SCC	2,095	20%	1,982	16%	634	18%	961	17%
LOW MILK PRODUCTION	1,123	11%	1,909	15%	348	10%	740	13%
FEET & LEG PROBLEMS	1,432	14%	1,213	10%	349	10%	703	13%
SICKNESS	927	9%	1,124	9%	390	11%	514	9%
UDDER BREAKDOWN	696	7%	1,314	10%	324	9%	545	10%
INJURY/ACCIDENT	690	7%	641	5%	235	7%	309	6%
OLD AGE	274	3%	532	4%	131	4%	193	3%
SLOW MILKER	97	1%	207	2%	42	1%	67	1%
BAD TEMPERAMENT	95	1%	131	1%	40	1%	58	1%

DISTRIBUTION OF HERD SIZE (ALL PROVINCES)



2007 Management Centre BenchmarksAll Western Canada DHI Herds based on 2007 Herd Averages

TOP HERD How Percentiles Work If all the herds (animals could be substituted for herds) were arranged in order from lowest to highest, the 75th percentile would be the value of the herd that is better than 75% of all the other herds. The 99th percentile is that which is better than 99% of all the other herds.

50th Percentile

	Br	British Columbia	plumbia	Œ		Alberta	rta		S	Saskatchewan	newan			Manitoba	oba	
Measure	25th	PERCENTILE 50th 75th	75th	E 90th	P 25th	ERCE 50th	N T I L 75th	E 90th	P 25th	ERCE 50th	N T I L 75th	E 90th	P 25th	ERCE 50th	N T I L 75th	E 90th
Number of Cows	67	96	142	214	71	100	136	192	69	100	141	219	26	78	118	191
Standard Milk (kgs)	31.3	33.8	35.7	37.3	30.5	33.0	35.0	37.1	30.5	32.7	34.6	36.4	28.1	31.1	33.6	36.0
Annual Milk Value (\$)	5,708	6,176	6,572	6,913	5,250	5,845	6,352	6,768	5,066	5,697	6,219	6,585	4,725	5,278	5,986	6,471
Udder Health (Linear Score)	2.2	1.9	1.7	1.4	2.9	2.6	2.3	2.1	3.1	2.8	2.5	2.3	3.4	3.0	2.7	2.4
Age at 1st Calving(y-ddd)	2-111	2-076	2-045	2-025	2-122	2-076	2-038	2-014	2.156	2-103	2-060	2-025	2-198	2-134	2-077	2-039
Calving Interval (months)	14.7	14.0	13.5	13.2	14.5	13.7	13.2	12.9	15.2	14.3	13.7	13.1	15.7	14.7	13.9	13.2
% of herd in 3+ Lactation	30.0	35.0	40.1	44.8	31.7	36.6	42.3	47.5	31.9	37	44.2	49.9	31.7	37.3	43.7	50.4
Efficiency (% of herd in milk)	83.7	86.4	87.9	89.6	79.3	84	86.8	88.9	78.6	83.1	86.3	88.4	77	82.7	86.4	88.5
Turnover (% of herd removed)	42.0	35.6	29.0	23.9	42.3	35.0	28.8	22.4	41.5	33.0	26.4	19.1	43.2	33.4	25.9	20.6
Days Dry	81	70	61	55	89	75	99	09	102	82	71	09	114	88	71	62
Days to 1st Breeding	108	96	98	77	100	87	78	71	109	97	84	92	116	97	83	73