

HERD SUMMARY

55-99-9999

DHI-202

Test Date Samples at Lab Processed
09-25-2013 09-26-2013 09-26-2013

HENRY SMITH

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Breed	HO	Type Test	DHI-APCS	Assoc.	Supv.	405	String
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Production, Income & Feed Cost Summary

	Daily Average per Cow on Test Day		Rolling Yearly Herd Averages			
	Number	%	Number	%		
Total Cows	150		150.4			
Cows in Milk	138	92	132.4	88		
Milk Lbs (All Cows)	52.7		18,952			
Fat Lbs (All Cows)	2.05		781			
Fat %	3.9		4.1			
Protein Lbs (All Cows)	1.69		622			
Protein %	3.2		3.3			
Milk Lbs (Milking Cows)	57.4					
	Milking Cows	All Cows				
Silage	Lbs Consumed		Lbs Consumed	%ENE		
	73	68	22,638			
Other Succulents or Blended Rations	Lbs Consumed		Lbs Consumed	%ENE		
	40	35	10,508			
Dry Forage	Lbs Consumed		Lbs Consumed	%ENE		
		1	936			
Other Feeds	Lbs Consumed		Lbs Consumed	%ENE		
Pasture	YES	YES	Days	%ENE		
			182			
Concentrates	Lbs Consumed		Lbs Consumed	%ENE		
		1	350			
Value of Product \$	11.79	10.53	4,067			
Cost of Concentrates \$		0.06	30			
Total Feed Cost \$	5.66	5.25	1,669			
Income Over Feed Cost \$	6.13	5.28	2,398			
Feed Cost per CWT Milk \$	9.85	9.96	8.81			
Milk Blend Price	Per CWT	% Fat	% Pro	Per CWT	% Fat	% Pro
	21.00	4.2		21.52	4.2	

Reproductive Summary Of Current Breeding Herd

Total Cows Breeding Herd	Voluntary Waiting Period (VWP)		Days to 1st Service	Cows With No Service Dates or Diag. Open			Cows Bred But Not Diag. Preg.			
				Open VWP to 100 Days	Open Over 100 Days	Number Diag. Open	Days Open at Last Service			
64	45		80	21	16	3	Number Cows	10	5	12
				33	25	5	% of Breeding Herd	16	8	19

Reproductive Summary Of Total Herd

	Days Open at 1st Service			Avg. Days to 1st Service	Services per Pregnancy		Projected Minimum		Service or Heat Interval		Services for Past 12 Months			
	Number Under VWP	Number VWP to 100	Number Over 100		Preg. Cows	All Cows	Calving Interval	Days Open	Interval Length	Number Intervals	Service Number	Number Services	Conception Rate	Service Sire Merit \$
1st Lact	2	22	7	81	1.8	1.9	13.7	137	< 18	8	1st	136	32	+535
2nd Lact	2	15	5	83	2.0	2.4	13.3	126	18 - 24	9	2nd	83	43	+502
3+ Lacts	2	24	8	83	1.8	2.1	13.9	142	36 - 48	13	3rd +	52	63	+496
All Lacts	6	61	20	82	1.9	2.1	13.7	136	Other	47	Total	271	42	+520
% of All 1st Services	7	70	23		Current Actual Calving Interval			14.1			Abortions		This Test	Past Year
											Actual			
											Apparent			7

Birth Summary

Dam's Lact Num	Offspring Born								
	Males		Females		Calving Difficulty Score				
	Alive	Dead	Alive	Dead	1	2	3	4 & 5	% 4+5
1	21		29	3	50		2		
2+	52		45	11	97	4	3		
Total	73		74	14	147	4	5		

Cows To Be Milking, Dry, Calving By Month

	Oct	Nov	Dec	Jan	Feb	Mar
* Milking	128	116	100	90	109	126
Dry	14	22	34	41	22	2
Cows to Calve	8	8	7	15	19	22
Heifers to Calve					3	

* Assumes 2.9% per month culling rate.

Yearly Reproductive Summary

Test Date	% Heats Obs.	Conception Rate	Preg Rate	Number Services	Number Confirm Preg	Number Calving	Total Preg Cows
Test Dropped	33	35	11	20	9	8	68
10-24-12	31	38	9	21	1	10	62
11-28-12	27	66	25	35	8	21	55
12-28-12	39	37	17	30		11	47
1-29-13	24	44	15	27	33	22	66
3-01-13	31	40	12	20	1	23	49
3-27-13	26	50	10	16		9	41
4-25-13	44	43	19	35	24	4	61
5-30-13	39	39	16	36	25	6	83
6-27-13	38	30	16	20		8	77
7-25-13			0			10	69
8-28-13	6			2	20	24	68
9-25-13	9			4		14	58
Averages	26	43	14	21	9	14	61
Totals				246		162	

Miscellaneous Herd Information

	Shipped-Test Day Comparison			Milking Times	Wgh	Spl
	Test Day	Yearly Avg.				
Sum of Test Day Wts	7654	7788		1st	Y	Y
Reported Avg. Daily Bulk Tank Wts	7090	7320		2nd	Y	N
% Deviation	+8.0	+6.4		3rd		

Remarks:

Stage Of Lactation Profile

		Stage of Lactation (Days)						Total or Average
		1 - 40	41 - 100	101 - 199	200 - 305	306 +		
Number Milking	1st Lact	4	11	3	18	9	45	
	2nd Lact	4	9	7	9	6	35	
	3+ Lacts	10	7	7	26	5	55	
	All Lacts	18	27	17	53	20	135	
Average Daily Milk	1st Lact	51	55	59	47	46	50	
	2nd Lact	86	81	59	56	33	63	
	3+ Lacts	70	86	67	53	41	61	
	All Lacts	69	72	62	51	41	58	
% Fat & Pro	1st Lact	% Fat	3.7	3.6	3.5	3.9	3.9	3.8
		% Pro	3.2	3.0	3.2	3.5	3.5	3.3
	2nd Lact	% Fat	3.7	3.6	4.1	4.3	4.5	4.0
		% Pro	3.0	2.8	3.0	3.6	4.2	3.3
	3+ Lacts	% Fat	3.7	3.9	4.0	4.3	4.0	4.1
		% Pro	2.9	2.8	3.0	3.5	3.8	3.3
	All Lacts	% Fat	3.7	3.7	4.0	4.2	4.1	4.0
		% Pro	3.0	2.9	3.0	3.5	3.8	3.3
SCC ACT	1st Lact	139	170	112	367	371	274	
	2nd Lact	55	382	267	100	163	224	
	3+ Lacts	64	145	91	340	222	205	
	All Lacts	74	242	163	303	284	232	
SCC ACT >= 200	Number	1	8	4	19	9	41	
	Percent	6	30	24	36	45	30	

Weighted SCC ACT (Nearest 1,000)

Identification And Genetic Summary

Age Group	Number Animals	Avg. Age (Yr-Mo)	Num. Identified By		Number ID Changes	No. Animals with Merit \$	Average Merit \$		Herd Merit \$ Option	Genetic Profile of Service Sires				
			Sire	Dam			Animal	Sire		A.I. Progeny Tested	A.I. Genomic Tested	All Other A.I. Bulls	Non A.I. Bulls	
0 - 12	80	0-06	80	80		39	+148	+410	FM					
13+	97	2-00	97	83		37	+131	+308						
Replacements	177	1-03	177	163		76	+138	+354	% of Herd Bred to	5	74		21	
1st Lact	49	2-01	44	44		15	+128	+299	Number of Bulls Used	2	15			
2nd Lact	40	3-03	25	31	1	12	+118	+240	Average Merit \$	+437	+573	+0		
3+ Lacts	61	5-03	11	25		11	-187	+74	Avg. Percentile Rank (Net Merit)	61	91			
All Lacts	150	3-08	80	100	1	38	+34	+256	DCR Milk	99				
% Identified (Producing Females)			53	67	No. Heifers Age Over 30 Months			24						

Production By Lactation Summary

	Number of Cows	Avg. Age (Mo)	Peak Milk	Summit Milk	Proj 305 Day ME			Difference From Herdmates			Avg. Body Wt.	% Cows SCC Score				
					Milk	Fat	Pro	Milk	Fat	Pro		0,1,2,3 Below 142,000	4 142,000 283,000	5 284,000 565,000	6 566,000 1.13 M	7,8,9 Over 1.13 M
1st Lact	49	25	66	63	20502	783	638	-3	-29	-5	1310	58	11	18	9	4
2nd Lact	40	39	83	79	22030	868	680	+1885	+62	+51	1500	62	15	15	6	3
3+ Lacts	61	63	92	88	20710	846	644	+349	+39	+15	1500	52	22	19	4	4
All Lacts	150	44	82	77	21013	831	652	+627	+21	+17	1440	56	17	17	6	4

Somatic Cell Summary

Herd Production Lost From SCC This Test Period				
Milk	7,535	Dollars (\$)	1,582	

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days			Cows Entered		Cows Left		Number of Cows Left the Herd										
			< 40	40-70	> 70	Num.	%	Num.	%	Dairy	Low Prod	Repro	Mast	Udder	Feet & Legs	Injury Other	Disease	Died	Not Rptd	
			1					53	35	17	11		5	3	1					7
2	40	56	3	33	4		8	5		3		3					1		1	
3+	60	66	3	40	17		22	15		5	2	3					8		4	
All	100	62	6	73	21	53	35	47	31	13	5	7					16		6	

23 % Left Herd For Involuntary Reasons

Yearly Production And Mastitis Summary

Test Date	Days In Test Period	Number Cows In Herd On Test Day	Test Day Averages (Milking Cows)		150 Day Milk	Test Period Persist. Index	Test Day Averages (All Cows)				Rolling Yearly Herd Average			Somatic Cell Count Summary					MUN	Number Left Herd			
			DIM	Milk			% In Milk	Milk	% Fat	% Pro	Milk	Fat	Pro	% Cows SCC Score						Died	Sold		
								0,1,2,3	4	5	6	7,8,9	Avg. SCC Linear Score	Wt. Avg. Actual SCC									
								Below 142,000	142,000 283,000	284,000 565,000	566,000 1.13 M	Over 1.13 M											
Test Dropped	29	144	202	53.8	63.8	99	90	48.1	4.0	3.4	18762	765	611	64	18	7	6	4	3.0	222		4	
10-24-12	28	147	196	55.8	65.3	102	84	46.9	4.0	3.5	18859	770	615	59	18	13	7	2	3.2	202		2	
11-28-12	35	152	185	54.5	62.2	91	87	47.1	4.3	3.4	19020	775	622	55	19	9	12	5	3.5	322		2	
12-28-12	30	150	177	60.8	66.3	103	79	48.1	4.4	3.3	19162	784	626	65	17	7	7	4	3.1	278		6	
1-29-13	32	153	170	61.0	64.5	97	86	52.2	4.4	3.3	19120	790	626	55	22	12	5	5	3.4	272		4	
3-01-13	31	154	161	59.7	60.0	97	92	54.6	4.6	3.3	18916	790	621	57	18	14	6	5	3.3	269	1	4	
3-27-13	26	154	173	60.6	61.3	102	95	57.8	4.4	3.3	18737	790	618	62	15	12	5	7	3.2	271	1	2	
4-25-13	29	151	191	65.1	67.1	110	95	62.0	3.9	3.2	18648	787	617	59	20	9	7	6	3.1	309	2	2	
5-30-13	35	151	208	61.1	66.8	99	92	56.3	4.0	3.2	18698	784	617	73	9	7	5	6	2.6	241	1	2	
6-27-13	28	150	194	61.8	68.3	100	84	51.8	3.7	3.1	18791	785	619	63	18	8	8	2	2.9	200		4	
7-25-13	28	151	201	54.8	62.5	94	85	46.6	3.7	3.1	18816	782	619	53	18	13	6	9	3.5	423		2	
8-28-13	34	146	180	60.8	67.7	109	88	53.7	3.8	3.2	18854	779	620	56	19	16	6	3	3.2	296	1	11	
9-25-13	28	150	182	57.4	64.2	97	92	52.7	3.9	3.2	18952	781	622	56	17	17	6	4	3.3	232			
Averages	30	151	185	59.5	64.7	100	88	52.5	4.1	3.3				59	18	11	7	5	3.2	276		6	41

Test Period Avg. Milk Lbs Added 53.1 Dropped 49.4