

HERD SUMMARY

DHI-202

Test Date **07-25-2019** Samples at Lab **07-29-2019** Processed **07-29-2019**

MS.STATE UNIVERSITY
4025 WISE CENTER

Breed HO Type Test DHIR-AP Assoc. 719 Supv. 709 String All Strings

Production, Income & Feed Cost Summary

	Daily Average per Cow on Test Day		Rolling Yearly Herd Averages	
	Number	%	Number	%
Total Cows	94		95.7	
Cows in Milk	81	86	82.3	86
Milk Lbs (All Cows)	60.2		23189	
Fat Lbs (All Cows)	1.88		840	
Fat %	3.1		3.6	
Protein Lbs (All Cows)	1.79		706	
Protein %	3.0		3.0	
Milk Lbs (Milking Cows)	69.8			
	Milking Cows	All Cows		
Silage	Lbs Consumed	Lbs Consumed	%ENE	
Other Succulents or Blended Rations	Lbs Consumed	Lbs Consumed	%ENE	
Dry Forage	Lbs Consumed	Lbs Consumed	%ENE	
Other Feeds	Lbs Consumed	Lbs Consumed	%ENE	
Pasture		Days	%ENE	
Concentrates	Lbs Consumed	Lbs Consumed	%ENE	
Value of Product \$	11.25	9.69	3968	
Cost of Concentrates \$				
Total Feed Cost \$				
Income Over Feed Cost \$				
Feed Cost per CWT Milk \$				
Milk Blend Price	Per CWT	% Fat	% Pro	Per CWT
				% Fat
				% Pro

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			
						Under VWP	VWP to 100 Days	101 to 130 Days	Over 130 Days
33	60	76	5	4	1				
			Number Cows				16	3	5
			% of Breeding Herd				48	9	15

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	3	25	1	77	2.0	3.2	13.0	116	< 18				1st	51	41	+487
2nd Lact	10	15	3	73	2.7	3.2	13.8	140	18 - 24	7			2nd	38	21	+557
3+ Lacts	5	15	1	72	2.2	3.4	12.7	105	36 - 48	38			3rd +	128	24	+561
All Lacts	18	55	5	74	2.4	3.2	13.2	121	Other	43			Total	217	28	+543
% of All 1st Services	23	71	6		Current Actual Calving Interval		14.9						Abortions	This Test	Past Year	
													Actual	1		
													Apparent	1	6	

Birth Summary

Dam's Lact Num	Offspring Born											
	Males		Females		Calving Difficulty Score					%4-5		
	Alive	Dead	Alive	Dead	1	2	3	4-5				
1	4	1	17	2	19					4	17	
2+	8	2	28	3	33					1	3	8
Total	12	3	45	5	52					1	7	12

Cows To Be Milking, Dry, Calving By Month

	Aug	Sep	Oct	Nov	Dec	Jan
* Milking	87	74	66	67	55	50
Dry	5	14	18	16	33	39
Cows to Calve	8	1	3	10	7	8
Heifers to Calve	3			3	9	5

* Assumes 4.8% 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	55	12	7	74	23		53
8-31-18			0		1	2	51
9-24-18			0			4	44
11-02-18	47	31	20	36		7	36
12-04-18	67	33	30	27	11	8	40
1-14-19	32	36	14	11	9	8	41
3-15-19	54	43	34	42	14	37	36
4-25-19	52	33	23	27	9	12	41
5-21-19			0			4	38
6-21-19	82			38	10	47	47
7-25-19					14	8	53
Averages	33	35	13	18	7	9	43
Totals				181		90	

Miscellaneous Herd Information

	Shipped-Test Day Comparison		Milking Times	Wgh	Spl	
	Test Day	Yearly Avg.				
Sum of Test Day Wts	5657	6069	1st	2:45pm	N	N
Reported Avg. Daily Bulk Tank Wts	5609	6019	2nd	3:45am	Y	Y
% Deviation	+9	+8	3rd			

Remarks:

Herd Code Test Date 07-25-2019 Breed HO String All Strings

Identification And Genetics (Genetic Data Source: CDCB)

Stage Of Lactation Profile

		Stage of Lactation (Days)						Total or Average
		1 - 40	41 - 100	101 - 199	200 - 305	306 +		
Number Milking	1st Lact	3	5	25	1		34	
	2nd Lact	2		12	8	2	24	
	3+ Lacts	2		9	11	1	23	
	All Lacts	7	5	46	20	3	81	
	Average Daily Milk	63	72	77	59		75	
Average Daily Milk	1st Lact	63	72	77	59		75	
	2nd Lact	81		69	59	54	65	
	3+ Lacts	92		76	59	42	68	
	All Lacts	76	72	75	59	50	70	
% Fat & Pro	1st Lact	% Fat	3.1	2.9	3.3	3.5		3.2
		% Pro	2.9	2.8	3.0	3.1		3.0
	2nd Lact	% Fat	3.3		3.0	3.4	3.5	3.2
		% Pro	3.3		2.9	3.0	3.1	3.0
	3+ Lacts	% Fat	3.0		2.9	3.0	3.7	3.0
		% Pro	3.3		2.9	3.1	3.2	3.0
	All Lacts	% Fat	3.1	2.9	3.1	3.2	3.6	3.2
		% Pro	3.1	2.8	3.0	3.1	3.1	3.0
SCC ACT	1st Lact	153	85	200	62		177	
	2nd Lact	97		129	91	50	109	
	3+ Lacts	160		400	166	41	265	
	All Lacts	138	85	219	131	47	179	
SCC ACT >= 200	Number	2	1	16	5		24	
	Percent	29	20	35	25		30	

Weighted SCC ACT (Nearest 1,000)

Age Group	Number Animals	Avg. Age (Yr-Mo)	Num. Ident. 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	51	0-06	51	51		51	+374	+663	NM				
13+	64	2-00	64	64		64	+245	+366					
Replacements	115	1-04	115	115		115	+302	+497	% of Herd Bred to	97	3		
1st Lact	39	2-04	39	39		27	+208	+234	Number of Bulls Used	7	1		
2nd Lact	32	3-04	32	32		32	+137	+181	Average Merit \$	+567	+795	+0	DCR Milk
3+ Lacts	23	5-01	23	23		23	+156	+243	Avg. Percentile Rank (Net Merit)	64	94		97
All Lacts	94	3-04	94	94		82	+166	+217					
% Identified (Producing Females)			100	100	No. Heifers Age Over 30 Months			12					

Production By Lactation Summary

Lact.	Number of Cows	Avg. Age (Mo)	Peak Milk	Summit Milk	Proj 305 Day ME			Difference From Herdmates			Avg. Body Wt.
					Milk	Fat	Pro	Milk	Fat	Pro	
1st Lact	39	28	90	84	24838	872	718	-481	-8	-17	1060
2nd Lact	32	40	109	104	27524	976	780	+735	+33	+8	1280
3+ Lacts	23	61	118	114	26298	863	758	-696	-42	-19	1310
All Lacts	94	40	105	100	26117	906	749	-114	-2	-9	1200

Somatic Cell Summary

0,1,2,3 Below 142,000	% Cows SCC Score			
	4	5	6	7,8,9
	142,000 - 283,000	284,000 - 565,000	566,000 - 1.13 M	Over 1.13 M
58	15	24	3	
83	8	4		4
55	18	18	5	5
65	14	16	3	3
Herd Production Lost From SCC This Test Period				
Milk	3305	Dollars (\$)		595

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		
			< 40	40-70	> 70
1					
2	31	59	3	20	8
3+	22	78	1	11	10
All	53	67	4	31	18

Yearly Summary Of Cows Entered And Left The Herd

Lact.	Cows Entered		Cows Left		Number of Cows Left the Herd										
	Num.	%	Num.	%	Dairy	Low Prod	Repro	Mast	Udder	Feet & Legs	Injury Other	Disease	Died	Not Rptd	
1	36	38	21	22	19									2	
2	1	1	12	13	9			2						1	
3+			17	18	11			1				2		3	
All	37	39	50	52	39			3				2		6	
					11 % 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					Avg. SCC Linear Score		Wt. Avg. Actual SCC	Died	Sold
							Below 142,000	4	5	6	7,8,9	Over 1.13 M											
Test Dropped	64	107	273	63.8	78.1	93	88	56.0	3.7	3.1	23259	1021	695	58	16	10	10	6	3.3	458			3
8-31-18	31	104	283	66.6	83.6	107	80	53.2	3.7	3.2	23241	1012	699	76	6	5	5	8	2.3	294			3
9-24-18	24	98	292	63.4	81.4	97	84	53.0	3.3	3.1	23376	1012	706	55	21	10	3	11	3.4	527			6
11-02-18	39	96	307	63.4	86.5	99	88	55.5	3.9	3.3	23381	996	709	46	23	16	5	10	3.5	333		1	1
12-04-18	32	92	290	70.4	88.3	101	85	59.7	4.1	3.3	23313	983	709	59	18	9	6	8	3.1	289			5
1-14-19	41	88	279	72.5	84.7	99	80	57.5	3.9	3.1	23167	970	706	62	14	12	6	6	2.9	273			4
3-15-19	60	96	194	80.7	90.5	102	96	77.2	3.6	3.0	23480	949	719	65	10	11	3	10	3.1	367		2	11
4-25-19	41	98	123	94.0	92.7	112	82	76.6	3.6	2.9	23638	926	724	62	9	8	8	14	3.2	360			6
5-21-19	26	95	120	85.3	83.5	100	81	69.1	3.5	2.9	23461	899	719	56	16	9	10	9	3.1	397		1	6
6-21-19	31	94	151	81.9	84.0	103	82	67.1	2.9	2.7	23381	873	714	75	8	7	7	4	2.5	189			1
7-25-19	34	94	167	69.8	76.6	93	86	60.2	3.1	3.0	23189	840	706	65	14	16	3	3	2.8	179		2	1
Averages	36	96	221	74.8	85.2	101	84	62.9	3.5	3.0				62	14	10	6	8	3.0	321		6	44

Test Period Avg. Milk Lbs Added 62.2 Dropped 67.4