

HERD SUMMARY

DHI-202

Test Date **11-21-2019** Samples at Lab **11-25-2019** Processed **11-25-2019**

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	101		94.9	
Cows in Milk	87	86	81.6	86
Milk Lbs (All Cows)	66.3		23766	
Fat Lbs (All Cows)	2.51		847	
Fat %	3.8		3.6	
Protein Lbs (All Cows)	2.00		709	
Protein %	3.0		3.0	
Milk Lbs (Milking Cows)	77.1			
	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 \$	13.54	11.53	4049	
Cost of Concentrates \$				
Total Feed Cost \$				
Income Over Feed Cost \$				
Feed Cost per CWT Milk \$				
Milk Blend Price	Per CWT	% Fat	% Pro	Per CWT
	18.00	4.0		18.00
				4.0

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	Under VWP	VWP to 100 Days	101 to 130 Days	Over 130 Days
47	60	74							
			1	1	Number Cows	1	12	7	26
			2	2	% of Breeding Herd	2	26	15	55

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	4	33	2	75	1.5	4.7	14.6	164	< 18		1st	77	42	+555
2nd Lact	8	13	3	77	2.2	3.8	13.9	144	18 - 24		2nd	40	20	+496
3+ Lacts	7	14	1	70	2.8	4.7	14.4	158	36 - 48	28	3rd +	93	29	+505
All Lacts	19	60	6	74	2.1	4.4	14.4	157	Other	102	Total	210	32	+522
% of All 1st Services	22	71	7		Current Actual Calving Interval		15.1				Abortions	This Test	Past Year	
											Actual			
											Apparent		8	

Birth Summary

Dam's Lact Num	Offspring Born										
	Males		Females		Calving Difficulty Score					4-5	%4-5
	Alive	Dead	Alive	Dead	1	2	3	4-5			
1	4	1	23	2	25				4	14	
2+	6	2	23	3	28				3	10	
Total	10	3	46	5	53				7	12	

Cows To Be Milking, Dry, Calving By Month

	Dec	Jan	Feb	Mar	Apr	May
* Milking	95	91	96	110	104	103
Dry	11	17	15	2	9	9
Cows to Calve	6	7	3	13	1	
Heifers to Calve	8	4	5	3	3	1

* Assumes 2.3% 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	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	30	19	27	9	12	41
5-21-19			0			4	38
6-21-19	82	42	24	38	10		47
7-25-19		3	2	29	14	8	53
9-04-19			0		4	16	40
10-04-19	86	20		40		2	39
11-21-19	46			46	8	14	38
Averages	39	29	15	26	8	11	41
Totals				233		101	

Miscellaneous Herd Information

	Shipped-Test Day Comparison		1st	Milking Times	Wgh	Spl
	Test Day	Yearly Avg.				
Sum of Test Day Wts	6562	6349		3:15pm	N	N
Reported Avg. Daily Bulk Tank Wts	6607	6311		3:15am	Y	Y
% Deviation	-.7	+6				

Remarks:

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Herd Code Test Date 11-21-2019 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	6	28		42	
	2nd Lact	1	2	5	9	2	19	
	3+ Lacts	8	4	3	5	5	25	
	All Lacts	12	11	14	42	7	86	
Average Daily Milk	1st Lact	71	80	78	68		71	
	2nd Lact	96	97	91	64	70	77	
	3+ Lacts	106	91	87	73	70	88	
	All Lacts	96	87	85	68	70	77	
% Fat & Pro	1st Lact	% Fat	4.2	3.5	3.4	4.1		3.9
		% Pro	3.2	2.9	2.8	3.2		3.1
	2nd Lact	% Fat	2.9	3.8	3.4	4.1	4.3	3.8
		% Pro	3.0	2.7	2.7	3.3	3.3	3.1
	3+ Lacts	% Fat	3.8	3.1	3.6	3.8	4.1	3.7
		% Pro	2.9	2.6	3.0	3.1	3.5	3.0
All Lacts	% Fat	3.8	3.4	3.4	4.1	4.2	3.9	
	% Pro	3.0	2.8	2.8	3.2	3.4	3.1	
SCC ACT	1st Lact	70	148	25	482		336	
	2nd Lact	14	20	19	213	40	97	
	3+ Lacts	92	43	293	196	259	152	
	All Lacts	81	85	81	390	196	225	
SCC ACT >= 200	Number	1	1	2	13	3	20	
	Percent	8	9	14	31	43	23	

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	54	0-07	54	54		54	+356	+650	NM				
13+	58	1-11	58	58		58	+255	+419					
Replacements	112	1-03	112	112		112	+303	+530					
1st Lact	45	2-05	45	45		28	+176	+242	% of Herd Bred to	98	2		
2nd Lact	26	3-05	26	26		26	+171	+182	Number of Bulls Used	9	1		
3+ Lacts	30	5-00	30	30		30	+129	+218	Average Merit \$	+654	+754	+0	DCR Milk
All Lacts	101	3-05	101	101		84	+158	+219	Avg. Percentile Rank (Net Merit)	70	87		97
% Identified (Producing Females)			100	100	No. Heifers Age Over 30 Months			8					

Production By Lactation Summary

Lactation	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	45	29	87	81	25631	888	738	+1352	+55	+42	1050
2nd Lact	26	41	110	105	28001	969	790	+2700	+97	+68	1280
3+ Lacts	30	60	120	116	26878	901	762	+1741	+47	+49	1320
All Lacts	101	41	100	94	26639	915	759	+1856	+66	+52	1190

Somatic Cell Summary

	% Cows SCC Score				
	0,1,2,3	4	5	6	7,8,9
	Below 142,000	142,000 283,000	284,000 565,000	566,000 1.13 M	Over 1.13 M
1st Lact	69	7	12	5	7
2nd Lact	84	5	5	5	
3+ Lacts	63	13	17	8	
All Lacts	71	8	12	6	4
Herd Production Lost From SCC This Test Period					
Milk	3758	Dollars (\$)		676	

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		
			< 40	40-70	> 70
1					
2	25	69	1	15	9
3+	30	81	2	15	13
All	55	75	3	30	22

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	47	50	14	15	12									2	
2	1	1	11	12	10									1	
3+			14	15	10								1	3	
All	48	51	39	41	32								1	6	
7 % 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	4 142,000 283,000	5 284,000 565,000	6 566,000 1.13 M	7,8,9 Over 1.13 M													
Test Dropped	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	
9-04-19	41	99	173	70.2	79.2	104	95	66.6	3.3	2.9	23504	838	713	66	5	9	10	10	3.1	315			1	
10-04-19	30	96	180	66.0	73.6	94	81	53.5	3.7	2.9	23578	839	710	63	9	13	4	11	3.1	476		1	3	
11-21-19	48	101	188	77.1	84.7	115	86	66.3	3.8	3.0	23766	847	709	71	8	12	6	4	2.6	225				
Averages	39	96	175	77.5	83.3	102	85	66.0	3.5	2.9				65	10	11	6	8	2.9	309			6	33

Test Period Avg. Milk Lbs Added 59.8 Dropped 55.9