

2017 Tarleton State University FFA Dairy Cattle Invitational - Dairy Herd Record Evaluation - Quiz #2

Date of Test: 8-13-2016 Report Information current through 8-13-16

scc 1000's	date bred	X-b r e d	Repro Code	BCS	Test Day Production				Current Lactation				Mature Equivalent				PTA milk	Net Merit \$\$\$											
					fat	protein	s	Cow	status	date	code	dry	days	age @ calving	in	months			milk	fat	prot	fat	prot	fat	prot	fat	prot	fat	prot
					%	%	%	No.				(months)	milk							#	#	#	#	#	#	#	#	#	#
15	3/2/16	4	P	3.50	52.6	3.5	3.1	0.2	216	10/20/15	2	46	314	27,599	1,161	866	28,997	1,200	894	367	343	171							
57	7/8/16	5	P	3.25	108.5	3.9	2.8	2.2	218	5/30/15	2	35	75	8,403	343	246	27,345	1,118	818	377	-99	96							
23	5/13/16	2	P	2.50	82	4.8	3.3	0.6	220	1/8/15	2	40	217	22,799	1,100	741	27,107	1,339	889	607	-618	189							
62	3/4/16	1	P	2.75	92.6	2.7	2.9	2.3	222	2/26/15	2	50	185	18,356	631	511	26,940	868	763	-48	-322	55							
66	8/5/16	2	P	3.00	74.3	4.5	3.1	7.7	226	4/12/16	2	51	140	11,665	605	286	20,979	1,051	538	251	553	64							
50	5/13/16	3	P	2.50	79.5	3.3	3.3	0.1	229	6/9/16	2	42	65	7,441	275	207	24,432	992	693	43	-254	86							
13	11/11/15	5	P	3.25	Dry				230	6/19/16	3	52	274	27,665	995	844	31,726	1,111	963	517	1,287	390							
123	4/8/16	1	P	3.00	64	3.6	3.1	3.3	232	2/2/16	2	46	209	19,223	852	534	24,733	1,061	693	181	293	56							
214	8/13/16	2	P	3.00	75.5	4.5	3.2	4.1	237	1/23/16	6	24	202	17,355	880	497	26,240	1,324	758	162	-264	-54							
66	2/11/16	4	P	3.00	22.3	3.3	3.6	5.0	242	5/29/16	2	50	93	8,128	446	244	20,951	1,066	660	96	453	419							
27	12/31/15	2	P	2.75	73.1	4.5	3.3	1.1	243	6/17/16	2	64	62	4,205	220	117	19,592	1,012	579	-56	783	151							
162	7/2/16	5	P	3.00	Dry				244	1/20/16	2	45	222	19,725	1,025	604	25,715	1,306	792	68	-98	64							
230	5/27/16	5	P	2.75	53.0	3.9	3.4	3.7	247	8/3/16	3	66	15	845	46	29				59	357	262							
17	7/2/16	5	P	2.50	63.3	3.4	3.3	4.2	249	10/2/15	2	41	332	24,966	1,113	845	26,270	1,146	859	178	345	-39							
123	7/22/16	1	N	3.00	91.9	3.6	2.8	0.4	250	3/24/16	6	62	147	15,510	591	417	25,764	1,002	732	284	391	130							
2986	12/10/15	1	P	2.50	64	4.0	2.8	3.3	253	7/20/16	2	51	41	2,784	101	86	21,752	819	676	360	1,300	372							
9701	7/28/16	2	N	3.25	76.6	4.6	3.3	9.6	258	10/30/15	2	58	293	21,494	747	698	22,347	763	722	-276	-100	18							
17	4/29/16	2	P	3.00	45	4.1	3.5	0.4	260	5/12/16	2	53	110	9,336	343	274	22,324	801	686	221	70	219							
1056	08/05/16	2	P	2.00	87.9	3.1	3	6.4	263	6/27/16	3	64	52	4,351	184	126	23,626	1,006	706	136	439	138							
										5/1/15	2	53	121	11,088	499	340	21,857	1,000	699	21	-50	193							
										7/17/16	2	34	362	25,512	920	826	27,776	991	856	-83	-334	129							
										4/18/16	2	52	134	13,406	575	385	24,494	962	730	109	100	241							

Somatic Cell Count (1000's)	P Pregnant W Preg W Twins N Open C Do not breed	Body Condition Score	Somatic Cell Score (linear)	Status
				2 Milking 2nd lactation or greater
				3 Dry
				6 First Lactation

Herd Records Exam #2 – TSU Invitational FFA Dairy Cattle Evaluation Contest

11. Indicate the first lactation cow that should be the next to dry off.
12. Determine which cow should be considered for culling if the decision is based on overall profitability of the cow, predicted transmitting ability for milk, and the estimated relative producing ability of the cow.
13. Which cow is the most significantly underweight?
14. Select the cow that had the least desirable test day production results in regards to pounds of milk.
15. Which cow is having the least amount of impact on the somatic cell count in the bulk tank?
16. Indicate the cow that is still currently dry.
17. Which of the recorded open cows should be bred next?
18. Select the cow that had the best test day score for percentage of fat?
19. Which cow is expected or predicted to pass on the best genes in regards to milk?
20. Determine the cow that is expected to have produced the most amount of pounds of fat at 305 days in milk?

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11. Indicate the first lactation cow that should be the next to dry off. Cow No. 225
12. Determine which cow should be considered for culling if the decision is based on overall profitability of the cow, predicted transmitting ability for milk, and the estimated relative producing ability of the cow. Cow No. 230
13. Which cow is the most significantly underweight? Cow No. 263
14. Select the cow that had the least desirable test day production results in regards to pounds of milk. Cow No. 242
15. Which cow is having the least amount of impact on the somatic cell count in the bulk tank? Cow No. 229
16. Indicate the cow that is still currently dry. Cow No. 230
17. Which of the recorded open cows should be bred next? Cow No. 254
18. Select the cow that had the best test day score for percentage of fat? Cow No. 240
19. Which cow is expected or predicted to pass on the best genes in regards to milk? Cow No. 250
20. Determine the cow that is expected to have produced the most amount of pounds of fat at 305 days in milk? Cow No. 220