

2017 Tarleton State University FFA Dairy Cattle Invitational - Dairy Herd Record Evaluation - Quiz #1

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

scc	date	X-b	r	Repro BCS	Test Day Production					s	Cow No.	status	date	code	dry	days	age @ calving	Current Lactation					Mature Equivalent	ERPA	PTA	Net Merit	
					milk #	fat %	protein %	fat %	protein %									in #	milk #	fat #	prot #	milk #					fat #
107					3.00	77.0	3.1	2.6	3.1	301	06/11/16	6			22	22	63	4,927	173	138	24,976	925	717	40			
71	7/23/16		4		3.50	58.5	3.8	3.4	2.5	303	02/05/16	6			24	24	200	12,166	437	361	21,424	790	615	-118			
15	3/18/16		1	P	4.50	44.4	3.5	3.7	0.3	304	01/02/16	6			24	24	234	14,100	493	432	20,740	729	613	-249			
5352	7/8/16		7		4.00	47	1.5	3.3	9.2	306	07/29/16	2			67	67	380	39,391	1515	1297	31,099	1244	1054	261			
13	7/9/16		1	P	2.00	49	3.6	3.6	0.1	310	05/04/16	2			45	45	112	5,808	209	221	14,419	574	603	-134			
	12/26/15		5	P	2.75	Dry				315	08/12/16	3		10	23	23	494	29,269	1,228	1012	26,381	1,077	853	135			
50					2.50	39.9	5.9	3.2	2.0	316	06/06/16	6			23	23	68	2,575	157	82							
200	3/19/16		1	P	2.75	53.5	4.2	3.5	4.0	320	01/04/16	2			62	62	232	16,247	757	537	18,890	870	618	-295			
17					3.50	108.4	3.8	2.7	0.4	329	06/11/16	2			70	70	74	7,917	275	235	25,288	940	794	422			
13	3/11/16		3	P	2.75	88	4.2	3.1	0.1	331	11/08/15	2			36	36	278	28,443	1238	892	30,925	1363	971	408			
66	8/6/16		6		3.25	58	4.5	3.8	2.4	342	11/03/15	2			50	50	294	25,922	1,121	824	27,608	1,172	874	546			
15	7/30/16		4		2.75	60.7	4.1	3.4	0.3	345	02/13/16	6			24	24	192	11,955	459	378	21,833	864	668	-62			
22					2.50	99.0	5.1	2.7	0.8	346	06/04/16	2			57	57	70	5,987	304	169	21,220	1055	623	-774			
	11/27/15		1	P	3.25	Dry				348	07/01/16	3		70	48	48	279	20,082	858	623	22,938	962	705	-172			
200	3/19/16		1	P	2.75	53.5	4.2	3.5	4.0	356	01/04/16	2			62	62	232	16,247	757	537	18,890	870	618	-295			
460	7/9/16			C	3.00	44.6	3.7	3.7	5.2	357	09/19/15	2			41	41	334	28,686	1,089	884	30,948	1,151	918	261			
	1/8/16		4	P	3.00	Dry				359	08/12/16	3		13	22	22	437	30,231	1045	914	31,139	1076	897	526			
141	4/18/16		1	P	2.50	50.1	3.8	3.2	3.5	361	02/17/16	6			23	23	188	11,647	385	330	20,706	724	570	193			
985	3/5/16		1	P	3.25	52.5	3.3	3.3	7.9	362	12/07/15	3			40	40	328	26,501	918	816	29,303	1000	871	235			
20	6/25/16		3	P	3.50	66	4.3	3.5	0.7	367	02/07/16	2			53	53	198	16,792	719	498	22,124	955	650	208			
44	7/23/16		2		3.50	78.8	3	2.7	1.8	372	04/11/16	2			34	34	135	9,677	298	262	23,087	743	681	71			
1213	4/30/16		1	P	2.75	75.0	3.9	3.1	6.6	375	01/27/16	6			42	42	204	15,902	630	417	20,865	845	534	516			
	12/11/15		3	P	2.75	Dry				376	07/09/16	3		43	36	36	337	29,769	1107	855	33,342	1228	924	718			
66	2/5/16		1	P	2.75	43	4.5	3.2	2.4	377	11/25/15	6			22	22	272	14,954	547	391	21,046	778	564	347			
57	5/28/16		1	P	2.75	80.8	3.9	3.2	2.2	378	03/11/16	2			35	35	371	29,155	1,062	954	31,459	1128	983	476			

Status Codes

- P Pregnant
- W Preg W Twins
- N Open
- C Do not breed
- 2 Milking 2nd lactation or greater
- 3 Dry
- 6 First Lactation

Herd Records Exam #1 – TSU Invitational FFA Dairy Cattle Evaluation Contest

1. Which cow would be expected or estimated to pass on the best genes for milk production?
2. Indicate the cow that is the most fresh as of 8/13/2016.
3. Which cow is significantly overweight?
4. Which cow should be culled if the decision is based on somatic cell count and reproductive soundness?
5. Determine which cow should be the next to calve assuming that the breeding dates are correct and normal gestation length.
6. Select which cow is having the most amount of impact on the somatic cell count in the bulk tank.
7. Which dry cow had an unusually short previous lactation?
8. Determine the cow that is expect to make the most profit.
9. Which cow is expected or estimated to have produced more pounds of protein than pounds of fat at 305 days in milk?
10. Which cow should not be bred?

Herd Records Exam #1 – TSU Invitational FFA Dairy Cattle Evaluation Contest

1. Which cow would be expected or estimated to pass on the best genes for milk production? Cow No. 376
2. Indicate the cow that is the most fresh as of 8/13/2016. Cow No. 301
3. Which cow is significantly overweight? Cow No. 304
4. Which cow should be culled if the decision is based on somatic cell count and reproductive soundness? Cow No. 306
5. Determine which cow should be the next to calve assuming that the breeding dates are correct and normal gestation length. Cow No. 348
6. Select which cow is having the most amount of impact on the somatic cell count in the bulk tank. Cow No. 306
7. Which dry cow had an unusually short previous lactation? Cow No. 348
8. Determine the cow that is expect to make the most profit. Cow No. 359
9. Which cow is expected or estimated to have produced more pounds of protein than pounds of fat at 305 days in milk? Cow No. 310
10. Which cow should not be bred? Cow No. 357