

**MONTHLY REPORT**  
 Prevl. Test Date 01-19-2022 Processed 01-20-2022  
 Type Test Date 01-15-2021  
 31-DHI-AP

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Tarleton State University  
 2022 Texas State FFA Dairy Cattle CDE  
 Herd Record

DHI-220

String	Breed	Permanent ID	SCC and Milk Weights by Test Day						Sample Day Data			Barn Name	Lactation To Date						Projected 305 ME		Times Bred	Bred Date	Due Date	Action Needed			
			Test Date	Milk	SCC	Test Date	Milk	SCC	Test Date	Milk	SCC		% Fat	Inc. Over Feed \$	Summit Milk	Days Dry	Age Yr/Mo	DIM	Milk \$	ERPA					Fat %	Pro %	Diff. from Herdmates
HO 74QXQ2422	1	7HO11477	49	DRY	DRY	79	85	13	13	2.8	91	5.79	287	2	10-23	89	7279	261	212	212	24704	773	710	1	1-11	10-18	
HO 74QXQ2424	1	7HO12212	51	DRY	46	35	67	60	3.3	1.55	56	290	2	9-16	126	6713	226	208	208	17471	581	533	1	12-29	10-05		
HO 74QXQ3093	1	7HO11419	55	DRY	63	80	81	76	3.2	3.15	81	294	2	9-18	124	9480	325	290	290	23480	764	701	2	12-25	10-01		
HO 74QXQ3100	5	7HO11383	60	52	44	47	54	DRY	DRY	-0.78		297	1	1-08						20979	713	634	2	4-22	1*27		
HO 74QXQ3096	1	7HO12197	58	55	54	56	DRY	DRY	67.2	3.4	2.26	298	2	12-31	20	1115	42	38	38	23720	704	670	1	8-06	5*13		
HO 74QXQ3099	1	*74BUL0139	60	59	50	55	59	13	15	3.4	78	299	1	12-28	388	24671	789	731	731	23720	704	670	1	8-06	5*13		
HO 74GOG1513	1	7HO12165	45	46	44	DRY	DRY	49	63.5	3.5	1.78	300	2	12-08	43	2377	92	79	79	18349	641	585			2-05		
JE 119930511	2	7JE590	36	33	DRY	DRY	64	65.3	3.1	6.08		301	3	11-17	64	3883	133	136	136	16036	529	556					
MS 68314823	1	7MS351	51	31	DRY	DRY	44	76	85.3	2.9	3.46	302	6	11-12	69	4837	147	139	139	19385	574	545					
XX 74GOG1515	1	14AY33	56	54	37	42	37	47	41.7	4.4	3.13	304	1	2-17	337	17942	647	556	556	20493	715	604	4	12-06	9-14		
XX 74GOG1516	1	74GOG1516	55	48	35	45	50	42	DRY	-0.64		305	1	2-18						19904	627	547	1	5-04	2*10		
JE 74GOG1517	5	7JE1294	49	44	41	40	46	DRY	DRY	-0.57		306	5	2-22						16530	689	519	1	4-29	2*02		
XX 74GOG1518	1	7HO12165	53	46	43	47	52	47	45.4	3.8	2.84	307	1	2-26	328	17149	554	490	490	20434	645	556	1	6-06	3*15		
XX 74GOG1519	1	74GOG1519	44	43	39	40	44	40	DRY	-0.64		308	1	2-28						14203	679	509	5	1-01	10-07		
JE 74GOG1520	2	7JE1294	40	41	35	36	35	27	38.1	5.4	5.77	309	1	3-01	325	12534	612	461	461	14203	679	509	5	1-01	10-07		
XX 74GOG1521	1	74GOG1521	53	46	35	41	38	39.9	4.5	2.61		310	1	3-04	322	14525	598	486	486	18150	738	585	3	11-25	9-03		
JE 74QVX0311	2	74QVX0311	22	31	35	36	33	22	29.0	4.8	1.89	311	1	7-02	202	5974	256	213	213	12385	537	442	1	11-07	8-13		
AY 74GWW0313	1	14AY31	2425	2283	4851	4526	3430	3430	2986	3.7	3.3	313	1	9-06	136	7350	426	228	228	20409	662	623	1	12-03	9-11		
AY 74GOG1522	1	7AY123							52.6	4.1	4.12	314	1	9-28	114	6023	220	196	196	18527	698	589					
JE 74GOG1523	2	7JE1294							21.8	3.5	0.77	315	1	10-07	105	2621	102	99	99	9185	357	345	1	12-03	9-08		

**Condition Affecting Record (CAR)**  
 1. Sld Feet/Lgs  
 2. Sld Dairy  
 3. Sld Low Prod.  
 4. Sld Repr.  
 5. Sld Injury/Other  
 6. Died  
 7. Sld Mastitis  
 8. Sld Disease  
 9. Sld Udder  
 X. Sld Reason Not Rprtd.  
 B. Started or Ended by Abortion  
 C. 305 Day Rec. Computed  
 A. Abnormal  
 E. Estimated Production  
 F. Fat% Est. by Supv.  
 H. In Heat on Test Day  
 I. Injld. Prior or During Milk  
 F. Fat% Est. by Lab

**Rating Codes**  
 A. Top Cows  
 B. Above Average  
 C. Below Average  
 D. Marginal Cows  
 E. Bottom Cows

**Due Date Codes**  
 \* Confirmed Preg.  
 - Not Confirmed Preg.  
 W. Preg. With Twins

**Action Codes**  
 B. To Breed  
 D. To Dry  
 F. Lead Feed  
 P. Preg. Check

Lead Feed Days = 21, not 14.

**Tarleton State University  
2022 State Contest - Herd Records**

**\*\*PLEASE DO NOT WRITE ON THIS PAPER! \*\***

1. Which cow produced the highest percentage of components on test day?
2. This Jersey cow is in batch 5 and due to calve on February 2, 2022?
3. Which cow's sire is an Ayrshire from Select Sires (NAAB Stud Code 7)?
4. Considering due date, which cow is expected to be next to dry off?
5. Of the first lactation cows, which cow is projected to produce the most milk?
6. When averaging the two highest of the first three test days of production, which cow produced the least amount of milk?
7. When looking at persistency, which cow has the lowest percentage level?
8. When looking at the difference from herdmates, which cow is negative in components and milk and indicates a high probability of clinical and/or subclinical mastitis on January 19, 2022 along with all previous test dates?
9. When looking at the average for animals of the same breed, age, and season of calving, which cow indicates the highest percentage of change since the last test day?
10. On January 19, 2022, when analyzing net return above feed cost, which cow was the least profitable?
11. Of the cows that are rated more than 110% of the herd average, which cow had their 305-day record computed?
12. On August 16, 2021, which cow had a somatic cell count of 115,000?
13. The average production lifetime of a dairy cow is 3 years. Which cow has exceeded this average?
14. Which cow was bred to a bull that does not have an evaluation at the CDCB?
15. Which cow calved six days after the September 22, 2021 test date?