

2024 State FFA Dairy Cattle CDE

Herd Record Evaluation

Select the one cow that best answers each of the following 10 questions. Use the Dairy Herd Record Evaluation sheets provided.

1. Which cow had the most services and became pregnant?
2. Which cow is the oldest in the herd?
3. Select the cow that will transmit the lowest expected breeding value to her offspring for milk.
4. Indicate the cow having the most impact on somatic cell count in the bulk tank.
5. Which pregnant cow has produced the most pounds of fat in the current lactation?
6. Select the cow that is the most overweight.
7. Indicate which cow has the lowest index value that selects for the improvement of milk, fat and protein yield, somatic cell score and productive life.
8. Select the cow that will calve next.
9. Determine the cow with the highest expectation among the cows for the value of a future lactation's production, relative to the herd average.
10. Which 1st lactation cow has the highest projection of milk production for this lactation?

2024 State FFA Dairy Cattle Judging CDE - Dairy Herd Record Evaluation

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Date of Test 11-30-23 Report Information Current Through 12-6-23

Age@ <----Current Lactation ----> Mature Equivalent

Test Day Production

SCC 1000's	Date Bred	Times Bred	Repro Code	BCS	Milk #	Fat %	Protein %	SCS	Cow No.	Status Date	Status Code	Days Dry	Days Calving	Months In Milk	Days	Milk #	Fat #	Protein #	Milk #	Fat #	Protein #	ERPA \$	Dev \$	PTA Milk	Net Merit \$\$\$
	4/13/23	1	P	3.25					103	10/31/23	3	36	36	271	19706	904	653	23000	1060	746		-250	408	251	
141	6/3/23	2	P	3.75	27.8	7.2	5	3.5	106	1/1/23	2		35	340	20682	899	734	21983	927	744		-135	355	479	
57	5/15/23	2	P	3.50	48.2	6.1	4.5	2.2	108	12/30/22	2		34	342	23383	1021	812	24922	1032	823		-72	633	358	
19				3.00	81.5	4.3	3.6	0.6	115	7/22/23	2		40	138	11189	433	350	25844	1049	805		137	987	303	
13				2.75	74.1	4.3	3.2	0.1	119	9/1/23	2		36	97	5927	263	186	22152	950	678		-360	569	398	
41				3.25	92.6	3.7	2.9	1.7	123	10/15/23	2		37	53	3838	147	113	25416	966	715		-313	1005	394	
	3/21/23	2	P	4.25					124	10/30/23	3	37	23	418	31586	1126	947	32767	1144	934		339	1304	386	
87				3.00	81.5	3.8	3.1	2.8	126	8/28/23	2		35	101	8807	313	254	28438	1056	808		-95	827	293	
81				3.25	74.1	4.3	3.1	2.7	127	9/28/23	2		36	70	5102	214	141	23018	983	612		-142	585	355	
33	5/1/23	2	P	3.75	40.7	6	3.9	1.4	129	1/21/23	6		28	320	22098	933	727	25846	1066	827		64	404	438	
	4/17/23	3	P	3.50					130	11/29/23	3	7	23	452	27385	1109	885	25580	959	772		-383	311	402	
174	6/29/23	3	C	3.50	55.6	5.3	4.1	3.8	131	12/1/22	6		26	371	26839	1054	855	27997	1035	854		80	1049	382	
31	6/12/23	5	P	4.00	46.3	6.6	4.6	1.3	132	10/3/22	6		24	430	27410	1222	923	27231	1116	844		-25	1142	483	
18				3.25	92.6	4.9	3.1	0.5	137	11/3/23	2		37	34									-41	433	448
187				3.00	83.3	4	3.1	3.9	138	10/14/23	2		36	54	4414	181	135	24687	989	716		151	1005	450	
2425	6/3/23	2	C	3.50	40.7	6.2	4.5	7.6	141	1/18/23	6		27	323	18831	872	659	21995	992	742		-283	424	335	
200	2/16/23	1	N	3.75	38.9	5.3	4.5	4	142	12/7/22	6		26	365	22541	894	771	24291	914	795		-335	676	400	
14				3.00	81.5	5	3.6	0.2	144	9/17/23	2		35	81	5798	288	206	26008	1196	887		439	732	518	
47				3.00	66.7	4.5	3.3	1.9	145	11/3/23	2		36	34	1616	80	60					-700	63	385	
23				2.75	83.3	5	3.7	0.9	146	11/12/23	2		37	25	1305	72	55					-77	36	412	
44	6/3/23	2	P	3.25	44.4	5.7	4	1.8	150	12/18/22	6		25	354	23117	998	745	25998	1080	811		33	382	358	
22				3.50	83.3	4.9	3.6	0.8	152	11/14/23	2		36	23	1153	62	47					-12	1023	413	
	3/21/23	1	P	3.75					158	10/30/23	3	37	25	298	21819	833	702	27090	1029	848		80	1234	352	
	2/16/23	1	P	4.00					162	9/25/23	3	72	24	292	24721	855	740	31294	1066	919		326	1368	416	
	3/9/23	2	P	3.50					166	10/16/23	3	51	24	313	19349	824	668	23356	975	786		-292	636	427	
66	6/3/23	2	P	3.25	33.3	6.8	4.9	2.4	168	1/14/23	6		25	327	18885	893	698	22300	1033	793		-200	251	273	
	3/30/23	1	P	3.50					171	11/13/23	3	23	24	303	20698	832	700	25770	1020	836		-15	537	409	
29	6/11/23	2	N	3.75	50	5.1	3.9	1.2	173	3/10/23	6		26	272	16133	658	510	21862	905	692		-293	839	234	
13	6/7/23	2	N	3.00	63	5.2	3.8	0.1	174	3/1/23	6		26	281	19759	843	638	26285	1131	842		339	750	470	
57	5/25/23	2	N	3.50	61.1	4.9	3.9	2.2	175	2/16/23	6		25	294	19907	868	647	25859	1114	820		256	846	428	
230	5/10/23	2	P	3.75	42.6	5.6	4.1	4.2	177	1/31/23	6		25	310	18558	822	618	22687	997	735		-235	1081	386	
15	5/4/23	1	P	3.25	55.6	4.8	3.7	0.3	178	2/22/23	6		25	288	18616	724	575	24514	949	741		-88	755	302	

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29				3.00	74.1	4.4	3.3	1.2	218	9/7/23	6		24	91	5801	238	174	26143	1080	759	231	776	580
2263				2.75	68.5	4.4	3.4	7.5	219	9/8/23	6		24	90	5403	241	165	24609	1050	726	106	776	580
41				2.50	63	4.2	3.3	1.7	220	10/8/23	6		24	60	3818	161	120	22767	959	688	-172	398	374
71				3.25	63	4.6	3	2.5	221	9/4/23	6		23	94	5963	262	164	24175	1061	649	98	1234	434
13				3.50	77.8	3.9	3.2	0.1	227	9/9/23	6		23	89	5939	242	176	27405	1074	792	289	809	411
87				3.00	64.8	4.8	3.3	2.8	232	9/9/23	6		23	89	5098	231	148	23739	1071	672	87	1196	579
76				3.75	66.7	4.5	3.3	2.6	233	9/3/23	6		23	95	5766	238	169	24554	1043	703	93	582	455
1131				3.00	70.4	4.1	3.1	6.5	235	10/20/23	6		24	48	2647	118	84	24276	992	730	-44	1419	547
54				3.25	64.8	4.1	3.2	2.1	236	10/20/23	6		23	48	1924	72	67	22628	915	748	-206	1435	553
38				3.50	75.9	4.5	2.7	1.6	237	10/23/23	6		23	45	2587	130	77	26048	1118	731	183	1440	551
31				3.25	63	4.8	3.2	1.3	243	11/7/23	6		24	30	1237	66	44					830	456
31				3.00	59.3	4.4	3	1.3	245	11/9/23	6		23	28	1055	51	36					597	388
50				3.75	55.6	4.6	3.1	2	246	11/8/23	6		23	29	1040	53	36					1212	572
29				3.50	57.4	5.2	3.5	1.2	250	11/7/23	6		23	30	1127	65	44					1049	581
81				3.50	96.3	4.2	3	2.7	359	10/16/23	2		84	52	3998	166	119	22917	942	679	290	931	133
606	5/23/23		2	3.75	46.3	5.5	3.9	5.6	384	3/2/23	2		74	280	22364	859	703	22716	894	725	-565	557	157
19				3.50	111.1	3.7	3.1	0.6	385	11/18/23	2		82	19	1144	46	40				544	1349	132
303				3.50				4.6	401	11/27/23	2		81	10							352	1049	355
50	6/11/23		3	3.75	46.3	4.6	3.7	2	404	12/29/22	2		64	343	28763	1445	839	26730	1338	777	-31	187	-93

Somatic Cell Count (1000's) P = Pregnant Body Condition W = Preg with Tw Condition N = Open Score C = Do Not Breed

Somatic Cell Score (linear) Status Codes 2 = Milking 2nd lactation or greater 3 = Dry 6 = First Lactation