

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. Select the cow that will transmit the highest expected breeding value to her offspring for milk.
2. Indicate which cow is coded Do Not Breed and has the lowest current milk production.
3. Indicate which cow has the highest index value that selects for the improvement of milk, fat and protein yield, somatic cell score and productive life.
4. Select the dry cow which is the most over-weight.
5. Determine the cow with the lowest expectation among the cows for the value of a future lactation's production, relative to the herd average.
6. Which dry cow has produced the most pounds of fat during the current lactation?
7. Which pregnant cow has produced the most pounds of milk in the current lactation?
8. Which cow not coded a "C" for repro code has the most days in milk, but does not have a breeding date?
9. Indicate the cow having the most impact on the somatic cell count in the bulk tank.
10. Which 1st lactation cow has the highest projection of milk production for this lactation?

2023 State FFA Dairy Cattle Judging CDE - Dairy Herd Record Evaluation

12/6/22

Date of Test 11-17-22 Report Information Current Through 12-6-22

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

Protei

Net

Merit

PTA

ERPA

Protein

Fat

Milk

Fat

Milk

Days

In Milk

Calving

Months

Days

Dry

Status

Code

Date

Status

Cow

No.

SCS

Protein

Fat

Milk

BCS

Repro

Code

Times

Bred

Date

Bred

1000's

SCC

Date

Bred

1000's

SCC

Date

Bred

1000's

SCC

Date

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2023 State FFA Dairy Cattle Judging CDE - Dairy Herd Record Evaluation

12/6/22

Date of Test 11-17-22 Report Information Current Through 12-6-22

Test Day Production
Age @
<----Current Lactation ---->
Mature Equivalent

SCC 1000's	Date Bred	Times Bred	Repro Code	BCS	Test Day Production			Cow No.	Status Date	Status Code	Days Dry	Calving Months	Days In Milk	Protein			Milk #	Fat #	Milk #	Protein #	ERPA \$\$ Dev	PTA Milk	Net Merit \$\$\$
					Milk #	Fat %	Protein %							Fat #	Milk #	Fat #							
	3/14/22	2	P	3.75				841	10/18/22	3	49	36	351	29838	1061	868	31992	1096	885	630	1307	355	
29	4/14/22	1	P	3.50	71.7	4.4	3.3	1.2	843	2/4/22	2	39	306	23479	887	700	26697	1007	779	634	853	282	
174				3.25	81.3	4.6	4.1	3.8	846	11/13/22	2	48	24	298	14	12				-363	-277	182	
	3/31/22	1	P	3.50					848	10/18/22	3	38	280	14293	604	515	15901	658	551	-745	471	204	
	2/24/22	1	P	4.25					849	8/8/22	3	37	232	16741	596	495	21432	768	628	-509	446	213	
66	10/17/22	3	P	3.25	55.6	4.4	3.8	2.4	852	1/30/22	2	38	311	20901	770	667	23751	864	732	-189	878	335	
44	6/2/22	1	P	3.50	52.4	5.1	3.3	1.8	861	3/7/22	2	38	275	21340	681	586	25736	861	701	-77	1002	191	
141	10/17/22	4	N	3.75	59.9	4.1	3.5	3.5	862	12/22/21	2	36	350	25517	950	747	26762	971	754	-16	744	122	
283	10/17/22	2	P	3.25	94.2	3.8	3.2	4.5	867	3/26/22	2	38	256	21485	715	608	29649	999	833	362	1343	282	
41				3.00	85.6	3.7	3.0	1.7	914	9/11/22	2	36	87	5811	216	183	25340	944	770	-309	183	277	
44	10/17/22	4	N	3.75	59.9	4.9	4.0	1.8	915	9/22/21	6	24	441	31898	1303	1017	33544	1286	988	810	1070	373	
	2/24/22	2	P	3.50					916	8/8/22	3	24	323	18992	867	630	24011	1062	756	-27	-101	234	
47	4/21/22	3	P	3.50	55.6	4.4	3.5	1.9	919	9/18/21	6	24	445	28745	1021	873	29369	982	834	213	983	365	
174				3.75	53.5	5.0	3.8	3.8	922	12/31/21	6	27	341	20302	867	660	23290	971	745	-58	705	214	
162	5/5/22	3	P	3.25	47.1	5.6	4.2	3.7	923	9/24/21	6	24	439	27319	1226	914	27579	1185	844	330	802	474	
50	4/18/22	3	P	3.50	47.1	4.8	4.0	2	924	9/24/21	6	24	439	26044	1075	833	26594	1047	786	114	854	396	
23				3.00	107	3.3	3.0	0.9	926	10/8/22	2	36	60	4013	147	124	28687	972	830	272	1009	298	
23	6/2/22	3	P	3.50	62.1	4.6	3.7	0.9	927	1/1/22	6	27	340	19040	840	643	21706	939	709	-130	606	316	
13				2.75	85.6	3.9	3.3	0.1	928	9/8/22	2	35	90	5077	200	175	26025	977	860	-19	311	446	
13				3.25	119.8	3.0	2.6	0.1	943	10/17/22	2	35	51	3378	112	98				-74	1092	288	

Status Codes

- 2 = Milking 2nd lactation or greater
- 3 = Dry
- 6 = First Lactation

Somatic

- Cell
- Score (linear)

Body

- P = Pregnant
- W = Preg with Tw Condition
- N = Open
- C = Do Not Breed