



NATIONAL
FFA ORGANIZATION

Idaho Dairy Cattle Evaluation and Management Handbook

2017-2021

Purpose

To provide a competitive event for agricultural education students, emphasizing skills in dairy cattle evaluation, selection and dairy herd management.

Objectives

- To provide a practical experience for agricultural students with an interest in dairy cattle, that will serve them well in industry positions or in management of a modern dairy herd.
- To develop students' skills in observation, analysis and communication.
- To provide experience in the evaluation of dairy cattle type, production records and dairy herd management.
- To encourage agriculture instructors to seek assistance from various resources in the dairy industry. (Examples: dairy breed associations, artificial breeding organizations, state extension dairy specialists, state DHI Associations, dairy equipment manufacturers, local dairy farmers and breeders, etc.)

General Rules

1. Four persons will constitute an official team for the Dairy Cattle Evaluation Event. However, only three of the individual scores will be used in the team score tabulation.
2. There will be a Dairy Cattle Handler Activity. Up to two participants per chapter. Participants will wear white shirt, FFA tie or scarf and white or black pants. In the case of inclement weather, students may wear a coat (not an official FFA jacket). Additional handlers may be needed depending on the participation in the Dairy Handlers Event.
3. No alternates will be allowed in this event.
4. Participants in need of special accommodations (disability or other health issues) must submit the Idaho State FFA Career Development Events Request for Special Accommodation Application found at the end of the General Rules and Regulations at least one month prior to the event.

Format and Scoring

1. A 10 minute time limit will be allowed for the placing of each dairy class.
2. Classes should include:
 - a. 200 pts. Four classes of cows will be placed on type. All classes will be placed using the Standard FFA Placing Card.
 - b. 100 pts. Two classes of dairy heifers will be placed using the Standard FFA Placing Card.
 - c. 100 pts. Oral reasons will be required on two classes. One set of reasons on a class of cows and the one set on a heifer class. The event coordinator will designate the class prior to the beginning of the event. Each team will be divided into groups (A, B, C, D for example). Each group will then give their reasons to the assigned reasons judge. Participant may be questioned by the reasons judge. ***Each member of a single team will be assigned to a different reasons taker so that no two team members present reasons to the same reasons taker.***

Five alternate members not participating in the official event will give reasons to reason takers in order to calibrate their scores prior to judging official participants in the CDE.

- d. 50 pts. Ten questions will be answered using a dairy herd record evaluation data sheet to analyze individual cows. Each question will be worth 5 points. Students will bubble their answers in Herd Record 1-10 on the scansheet.

- e. 50 pts. Five dairy cows will be evaluated using body-condition scorecard, with one cow present with her score provided for calibration purposes. Students will bubble their answers in Herd Record #21-25 on the scansheet.

Reason Time Frame with 4 Judges <i>(EXAMPLE)</i>		
Time 10 minutes per class		
Rotation		
1	Class 1	Heifers
2	Class 2	Heifers (Reasons)
3	Class 3	Reasons prep
4	Class 4	Reasons (heifers)
5	Class 5	Cows
6	Class 6	Herd Records
7	Class 7	Cows
8	Class 8	Cows
9	Class 9	Cows (Reasons)
10	Class 10	Reasons Prep
11	Class 11	Reasons (Cows)
12	Class 12	Body Conditioning

TIE BREAKERS

A combined reasons score will be used to break any ties in the event. In the event that a tie still exists, class 1 of the event will be used as a second tie breaker.

AWARDS

1. Awards are presented to teams as well as individuals based upon their rankings. The top 10 teams and individuals will be recognized. Individuals from 1st through 5th place will receive medals. Teams from 1st through 5th place will receive plaques.
2. Certificates will be awarded to all participants in the dairy handler event. FFA award pins will be presented to the top 3 individuals and the top 5 will be announced. The top dairy handler will qualify to participate in the National FFA Dairy Handlers Event.

Acknowledgement

The United Dairywomen of Idaho are sponsors of the Dairy Cattle Evaluation and Management Career Development Event through the Idaho FFA Foundation.

Dairy Cattle CDE Reasons Rotations

Reasons Rotations (example - may be used by state or district events as deemed necessary)

101	A	121	A	141	A	161	A	181	A	201	A	221	A	241	A	261	A	281	A	301	A	311	A	331	A
102	B	122	B	142	B	162	B	182	B	202	B	222	B	242	B	262	B	282	B	302	B	312	B	332	B
103	C	123	C	143	C	163	C	183	C	203	C	223	C	243	C	263	C	283	C	303	C	313	C	333	C
104	D	124	D	144	D	164	D	184	D	204	D	224	D	244	D	264	D	284	D	304	D	314	D	334	D
105	B	125	B	145	B	165	B	185	B	205	B	225	B	245	B	265	B	285	B	305	B	315	B	335	B
106	C	126	C	146	C	166	C	186	C	206	C	226	C	246	C	266	C	286	C	306	C	316	C	336	C
107	D	127	D	147	D	167	D	187	D	207	D	227	D	247	D	267	D	287	D	307	D	317	D	337	D
108	A	128	A	148	A	168	A	188	A	208	A	228	A	248	A	268	A	288	A	308	A	318	A	338	A
111	C	131	C	151	C	171	C	191	C	211	C	231	C	251	C	271	C	291	C	311	C	321	C	341	C
112	D	132	D	152	D	172	D	192	D	212	D	232	D	252	D	272	D	292	D	312	D	322	D	342	D
113	A	133	A	153	A	173	A	193	A	213	A	233	A	253	A	273	A	293	A	313	A	323	A	343	A
114	B	134	B	154	B	174	B	194	B	214	B	234	B	254	B	274	B	294	B	314	B	324	B	344	B
115	D	135	D	155	D	175	D	195	D	215	D	235	D	255	D	275	D	295	D	315	D	325	D	345	D
116	A	136	A	156	A	176	A	196	A	216	A	236	A	256	A	276	A	296	A	316	A	326	A	346	A
117	B	137	B	157	B	177	B	197	B	217	B	237	B	257	B	277	B	297	B	317	B	327	B	347	B
118	C	138	C	158	C	178	C	198	C	218	C	238	C	258	C	278	C	298	C	318	C	328	C	348	C

STANDARD FFA PLACING CARD

Name		Name	
Class	Placing	Class	Placing
<i>Oral Reason Scorecard</i>		<i>Oral Reason Scorecard</i>	
Presentation, delivery, & format	15 ____	Presentation, delivery, & format	15 ____
Introduction		Introduction	
Attention getting		Attention getting	
Eye contact/posture		Eye contact/posture	
Appearance – appropriate attire		Appearance – appropriate attire	
Accuracy	20 ____	Accuracy	20 ____
Pairs compared/contrasted		Pairs compared/contrasted	
Description of animals accurate		Description of animals accurate	
Criticisms/Credits given		Criticisms/Credits given	
Knowledge	15 ____	Knowledge	15 ____
Appropriate and varied terms		Appropriate and varied terms	
Recognized industry terms		Recognized industry terms	
Placing priorities match industry		Placing priorities match industry	
Total Points	50 ____	Total Points	50 ____
-5 points for inappropriate Dress		-5 points for inappropriate Dress	
Guidelines for scoring Reasons:		Guidelines for scoring Reasons:	
<ul style="list-style-type: none"> ● 25 point maximum for using notes ● 20 point minimum if they try ● 36 points should be the average judge score ● 38 points for reasons that have good format well spoken but inaccurate (canned set) ● 35 point minimum for a very accurate and honest evaluation but lacks presentation 		<ul style="list-style-type: none"> ● 25 point maximum for using notes ● 20 point minimum if they try ● 36 points should be the average judge score ● 38 points for reasons that have good format well spoken but inaccurate (canned set) ● 35 point minimum for a very accurate and honest evaluation but lacks presentation 	

DAIRY CATTLE EVALUATION AND MANAGEMENT CAREER DEVELOPMENT EVENT

Participant No.

Event

Class Name

Class No.

Body Condition Scorecard

Check 1 box per animal										
Cow #	BODY CONDITION SCORE									
	1	1.5	2	2.5	3	3.5	4	4.5	5	TOTAL
1	010	015	020	025	030	035	040	045	050	
2	010	015	020	025	030	035	040	045	050	
3	010	015	020	025	030	035	040	045	050	
4	010	015	020	025	030	035	040	045	050	
5	010	015	020	025	030	035	040	045	050	
TOTAL SCORE _____										
50 point class 10 points for correct mark 7 points for each half grade above or below correct body score 4 points for each full grade above or below correct body score 0 →										

For the state event, body condition scoring will be bubbled onto the scantron sheet (Herd Record #21-25) by the FFA member as a three digit number. A body condition score of 1.5 will be bubbled as 015 in the designated section of the scantron for computerized scoring.

QUESTIONS CLASS SCORECARD

IDAHO STATE FFA CAREER DEVELOPMENT EVENT DAIRY QUESTIONS				
PARTICIPANT NUMBER				
PARTICIPANT NAME				
CLASS NUMBER				
PLACE AN (X) THROUGH THE CORRECT ANSWER!				
QUESTION NUMBER				
1	1	2	3	4
2	1	2	3	4
3	1	2	3	4
4	1	2	3	4
5	1	2	3	4
6	1	2	3	4
7	1	2	3	4
8	1	2	3	4
9	1	2	3	4
10	1	2	3	4
<p>Questions receive 5 points each.</p> <p style="font-size: 1.2em; font-weight: bold; margin-top: 20px;">TOTAL SCORE</p>				

Dairy Handlers Activity Scorecard

NAME		MEMBER NUMBER	
CHAPTER	STATE		

CRITERIA	Points Possible	Points Earned
Appearance of the handler:	10	
Control of animal(s) by the handler		
Setting up the assigned animal to its best advantage	15	
Maintaining the animal(s) in its most advantageous pose	15	
Effectively restraining, as well as avoiding exciting the as-signed animal(s)	15	
Moving the animal(s) as requested by the ringmaster	15	
Poise and calmness of the handler	20	
Display a cooperative, courteous, helpful and positive attitude	10	
TOTAL	100	

JUDGE'S NAME	JUDGE'S SIGNATURE	DATE
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DAIRY CATTLE

CDE# 105477

Incorrect Marks Correct Mark
✗ ●

Team Name

Team Number	State	Last Name	First Name
0			
1	A	A	A
2	B	B	B
3	C	C	C
4	D	D	D
5	E	E	E
6	F	F	F
7	G	G	G
8	H	H	H
9	I	I	I
0	J	J	J
1	K	K	K
2	L	L	L
3	M	M	M
4	N	N	N
5	O	O	O
6	P	P	P
7	Q	Q	Q
8	R	R	R
9	S	S	S
0	T	T	T
1	U	U	U
2	V	V	V
3	W	W	W
4	X	X	X
5	Y	Y	Y
6	Z	Z	Z

Place	Class									Place			
	1	2	3	4	5	6	7	8	9				
1	1	2	3	4						1	2	3	4
2	1	2	4	3						1	2	4	3
3	1	3	2	4						1	3	2	4
4													
5													
6													
7													
8													
9	2	3	1	4						2	3	1	4
10	2	3	4	1						2	3	4	1
11	2	4	1	3						2	4	1	3
12	2	4	3	1						2	4	3	1
13	3	1	2	4						3	1	2	4
14	3	1	4	2						3	1	4	2
15	3	2	1	4						3	2	1	4
16	3	2	4	1						3	2	4	1
17	3	4	1	2						3	4	1	2
18	3	4	2	1						3	4	2	1
19	4	1	2	3						4	1	2	3
20	4	1	3	2						4	1	3	2
21	4	2	1	3						4	2	1	3
22	4	2	3	1						4	2	3	1
23	4	3	1	2						4	3	1	2
24	4	3	2	1						4	3	2	1

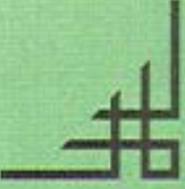
6
PLACING CLASSES

Herd Record (Judges)												
1	2	3	4	5	6	7	8	9	10	11	12	13
0												
1												
2												
3												
4												
5												
6												
7												
8												
9												

HERD RECORD
10 QUESTIONS

14	15	16	17	18	19	20	21	22	23	24	25
0											
1											
2											
3											
4											
5											
6											
7											
8											
9											

BODY
CONDITIONING
5 COWS



Linear Evaluation Classes																
Form					Rump			Legs & Feet			Udder				Teats	
Stature	Strength	Body Depth	Dairy Form	Rump Angle	Thurl Width	Side View Rear Legs	Foot Angle	Fore Udder Attachment	Rear Udder Height	Rear Udder Width	Udder Clef	Udder Depth	Front Teat Placement	Teat Length		
10	C	1	0	0	0	0	0	0	0	0	0	0	0	0		
10	C	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	C	1	2	2	2	2	2	2	2	2	2	2	2	2		
10	C	1	3	3	3	3	3	3	3	3	3	3	3	3		
10	C	1	4	4	4	4	4	4	4	4	4	4	4	4		
10	C	1	5	5	5	5	5	5	5	5	5	5	5	5		
10	C	1	6	6	6	6	6	6	6	6	6	6	6	6		
10	C	1	7	7	7	7	7	7	7	7	7	7	7	7		
10	C	1	8	8	8	8	8	8	8	8	8	8	8	8		
10	C	1	9	9	9	9	9	9	9	9	9	9	9	9		
11	C	1	0	0	0	0	0	0	0	0	0	0	0	0		
11	C	1	1	1	1	1	1	1	1	1	1	1	1	1		
11	C	1	2	2	2	2	2	2	2	2	2	2	2	2		
11	C	1	3	3	3	3	3	3	3	3	3	3	3	3		
11	C	1	4	4	4	4	4	4	4	4	4	4	4	4		
11	C	1	5	5	5	5	5	5	5	5	5	5	5	5		
11	C	1	6	6	6	6	6	6	6	6	6	6	6	6		
11	C	1	7	7	7	7	7	7	7	7	7	7	7	7		
11	C	1	8	8	8	8	8	8	8	8	8	8	8	8		
11	C	1	9	9	9	9	9	9	9	9	9	9	9	9		
12	C	1	0	0	0	0	0	0	0	0	0	0	0	0		
12	C	1	1	1	1	1	1	1	1	1	1	1	1	1		
12	C	1	2	2	2	2	2	2	2	2	2	2	2	2		
12	C	1	3	3	3	3	3	3	3	3	3	3	3	3		
12	C	1	4	4	4	4	4	4	4	4	4	4	4	4		
12	C	1	5	5	5	5	5	5	5	5	5	5	5	5		
12	C	1	6	6	6	6	6	6	6	6	6	6	6	6		
12	C	1	7	7	7	7	7	7	7	7	7	7	7	7		
12	C	1	8	8	8	8	8	8	8	8	8	8	8	8		
12	C	1	9	9	9	9	9	9	9	9	9	9	9	9		
13	C	1	0	0	0	0	0	0	0	0	0	0	0	0		
13	C	1	1	1	1	1	1	1	1	1	1	1	1	1		
13	C	1	2	2	2	2	2	2	2	2	2	2	2	2		
13	C	1	3	3	3	3	3	3	3	3	3	3	3	3		
13	C	1	4	4	4	4	4	4	4	4	4	4	4	4		
13	C	1	5	5	5	5	5	5	5	5	5	5	5	5		
13	C	1	6	6	6	6	6	6	6	6	6	6	6	6		
13	C	1	7	7	7	7	7	7	7	7	7	7	7	7		
13	C	1	8	8	8	8	8	8	8	8	8	8	8	8		
13	C	1	9	9	9	9	9	9	9	9	9	9	9	9		
14	C	1	0	0	0	0	0	0	0	0	0	0	0	0		
14	C	1	1	1	1	1	1	1	1	1	1	1	1	1		
14	C	1	2	2	2	2	2	2	2	2	2	2	2	2		
14	C	1	3	3	3	3	3	3	3	3	3	3	3	3		
14	C	1	4	4	4	4	4	4	4	4	4	4	4	4		
14	C	1	5	5	5	5	5	5	5	5	5	5	5	5		
14	C	1	6	6	6	6	6	6	6	6	6	6	6	6		
14	C	1	7	7	7	7	7	7	7	7	7	7	7	7		
14	C	1	8	8	8	8	8	8	8	8	8	8	8	8		
14	C	1	9	9	9	9	9	9	9	9	9	9	9	9		

Written Exam														
1	A	B	C	D	E	27	A	B	C	D	E			
2	A	B	C	D	E	28	A	B	C	D	E			
3	A	B	C	D	E	29	A	B	C	D	E			
4	A	B	C	D	E	30	A	B	C	D	E			
5	A	B	C	D	E	31	A	B	C	D	E			
6	A	B	C	D	E	32	A	B	C	D	E			
7	A	B	C	D	E	33	A	B	C	D	E			
8	A	B	C	D	E	34	A	B	C	D	E			
9	A	B	C	D	E	35	A	B	C	D	E			
10	A	B	C	D	E	36	A	B	C	D	E			
11	A	B	C	D	E	37	A	B	C	D	E			
12	A	B	C	D	E	38	A	B	C	D	E			
13	A	B	C	D	E	39	A	B	C	D	E			
14	A	B	C	D	E	40	A	B	C	D	E			
15	A	B	C	D	E	41	A	B	C	D	E			
16	A	B	C	D	E	42	A	B	C	D	E			
17	A	B	C	D	E	43	A	B	C	D	E			
18	A	B	C	D	E	44	A	B	C	D	E			
19	A	B	C	D	E	45	A	B	C	D	E			
20	A	B	C	D	E	46	A	B	C	D	E			
21	A	B	C	D	E	47	A	B	C	D	E			
22	A	B	C	D	E	48	A	B	C	D	E			
23	A	B	C	D	E	49	A	B	C	D	E			
24	A	B	C	D	E	50	A	B	C	D	E			
25	A	B	C	D	E									
26	A	B	C	D	E									

REASONS
 CLASSES

Reasons		
Class 15	Class 16	Class 17
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

