

2007 Iowa FFA Dairy Cattle Career Development Event

West Union, Iowa September 15, 2007

Mark the best answer in the proper blank on the Scantron sheet.

25 Objective Questions – 2 pts. each

- Which of the following hormones is not directly associated with reproduction?
a. Testosterone b. Adrenaline c. Estrogen d. Progesterone
- Which of these feeds is not a by-product of ethanol production?
a. Brewers grains b. Dry distillers grains
c. Condensed solubles d. All the above
- Acidosis typically affects which of a cow's four stomachs?
a. Rumen b. Reticulum c. Omasum d. Abomasum
- At what age do dairy cattle develop upper incisors?
a. Birth b. 3 days c. 3 months d. Never
- This substance forms in the tip of each teat when the cow is dry. It aids in sealing the teats to prevent infection of the udder.
a. Mucus b. Keratin c. Skin d. Opaque
- Washing the udder prior to milking stimulates the release of _____ which induces milk letdown.
a. Adrenaline b. Testosterone c. Oxytocin d. Estrogen
- The only part of a milking machine that touches the cow is the:
a. Pulsator b. Vacuum pump c. Inflation d. Milk line
- Which of the following is a source of non-protein nitrogen?
a. Linseed meal b. Corn grain c. Soybean meal d. Urea
- What is the name of milk sugar?
a. Dextrose b. Fructose c. Lactose d. Sucrose
- Reducing which portion of an alfalfa plant improves digestibility?
a. Protein b. Leaf c. Lignin d. Tannin
- What is a make allowance?
a. Number of cows coming into heat
b. Cost of turning milk into cheese
c. Lunge space for cows in free stall barns
d. Difference between somatic cell counts one month to the next

12. The primary criteria for deciding when a heifer should be bred is:
a. Service sire to be used b. Breed c. Body weight d. Age
13. The first milk secreted after calving is called _____.
a. Clostridia b. Coliform c. Collagen d. Colostrum
14. Which of the following feeds usually contains the most protein?
a. Alfalfa hay b. Corn silage c. Soybean oil meal d. Corn grain
15. This compartment of the ruminant stomach is called a “true” stomach and functions similarly to a monogastric’s stomach.
a. Rumen b. Reticulum c. Abomasum d. Omasum
16. Which vitamin is needed to stop bleeding and clot the blood?
a. B2 b. K c. D d. C
17. What is the term given to a heifer born twin to a bull?
a. Displaced abomasums b. Gomer c. Freemartin d. Metritis
18. What is the most common bacterium causing chronic mastitis?
a. Staphylococcus aureus b. E Coli c. Klebsiella d. Strep ulcers
19. What time of year is best to get cows bred?
a. Late spring b. Late summer c. Late fall d. Late winter
20. Which of the following represents the largest single cost associated with producing milk?
a. Veterinarians & drugs b. Feed c. Facilities d. Labor
21. Which of the following is an ovarian cyst?
a. Pituitary b. Viral c. Follicular d. Pancreatic
22. How many gallons of ethanol are being produced each year in the USA?
a. 2 billion b. 4 billion c. 5 billion d. 6 billion
23. Which of these is an essential fatty acid?
a. Proline b. Methionine c. Linoleic d. Lysine
24. Among breeds, gestations can vary by how many days?
a. 3 b. 5 c. 8 d. 10
25. Which of these will not increase the likelihood that a calf will be stillborn or dead at birth?
a. Twins b. Difficult calving c. Heifer calf d. Bull calf

35. What is the component value of a hundred weight of milk if the farm produces 225,000 pounds of milk with the following:

Components		Basis Milk Value
Butterfat	4.02%	2.416 per pound
Protein	3.15%	3.980 per pound
Solids	5.75%	.1291 per pound
SCC	150,000	.1915 per cwt

- a. \$23.18 b. \$24.21 c. \$25.62 d. \$26.17

Sire Evaluation Questions – 5 pts each

Refer to **Appendix B (May 2006 Active A I List)** to answer the following sire questions

36. Which sire has the most information?
 a. Four Winds Magicman b. Knapps Mr. America
 c. Aldens Valiant Royal d. Marfred Masterpiece
37. Which sire has the most genetic improvement expected for stature?
 a. Ripley Farms Saber Mic b. Trotacre Enhancer Lewis
 c. Idle Gold E Challenge d. Marfred Masterpiece
38. What value estimates the amount of an animal's genetic superiority or inferiority that is expected to be passed on to offspring?
 a. Net Merit b. PTI c. PTAT d. PTA
39. Using a bull that has a good proof for productive life will probably not improve which of these traits?
 a. Somatic cell score b. Milk production c. Udder composite
 d. Daughter pregnancy rate
40. If you were selecting for body depth and dairy form, which sire would you choose:
 a. Coulee Crest Luxury Skipper b. Marfred Masterpiece
 c. Lang Haven Luxury Neon d. Marfred Maxie

Pedigree Questions – 5 pts each

Refer to **Appendix C (Heifer pedigrees 1-2-3-4)** to answer the following pedigree questions.

41. Which pedigree has the most show ring winners?
 a. 4 b. 3 c. 2 d. 1
42. What is the name of the paternal grandsire of heifer #1?
 a. Ingleside Orbit Fenella b. Quincy Even Special
 c. GS Prophet Seattle Twin d. Ingleside Jetway Alik

43. Which two heifers are the closest in age?
a. 1 & 2 b. 1 & 3 c. 3 & 4 d. 2 & 4
44. Which heifer was an embryo transfer?
a. 4 b. 3 c. 2 d. 1
45. Which heifer would probably have the highest type score?
a. 4 b. 3 c. 2 d. 1

Pedigree Evaluation – 25 points

The pedigrees of four animals are listed on the following pages. Rank these animals based on their pedigrees and indicate your ranking on the answer sheet.

HERD CODE AND TYPE OF RECORD	DATE TESTED
ST. CO. HERD NO.	MO. DAY YEAR
42 45 0087	8 16 07
DH1 R-AP	

HERD SUMMARY DH1-202
 OAK KNOB GUERNSEYS
 3347 310TH AVE
 CRESCO IA 52000

BREEDING HERD	38
COWS WITH NO SERVICE DATES OR DIAG. OPEN	13
OPEN TO 100 DAYS	5
OPEN OVER 100 DAYS	13
NUMBER OF BREEDING HERD	3
NUMBER OF COWS	5
NUMBER OF HEIFERS	3
NUMBER OF CALVES	1
NUMBER OF HEIFERS	2
NUMBER OF CALVES	2
NUMBER OF HEIFERS	5
NUMBER OF CALVES	5
NUMBER OF HEIFERS	15
NUMBER OF CALVES	40
NUMBER OF HEIFERS	106

PRODUCTION, INCOME & FEED COST SUMMARY

DESCRIPTION	DAILY AVERAGE PER COW ON TEST DAY	ROLLING YEARLY HERD AVERAGES
TOTAL COWS	114	112.6
COWS IN MILK	NUMBER 104 % 91	NUMBER 100.2 % 89
MILK LBS. FALL COWS	49.2	18 176
FAT LBS. FALL COWS	2.05	821
FAT PERCENT	4.2	4.5
PROTEIN LBS. FALL COWS	1.57	612
PROTEIN PERCENT	3.2	3.4
MILK LBS. ALL COWS	53.9	
MILKING COWS	LBS. CONSUMED	%ENE
OTHER SUCCELUENTS OR BLENDED RATIONS	LBS. CONSUMED	%ENE
DRY FORAGE	LBS. CONSUMED	%ENE
OTHER FEEDS	LBS. CONSUMED	%ENE
PASTURE	PASTURE (YES OR NO)	%ENE
CONCENTRATES	LBS. CONSUMED	%ENE
VALUE OF PRODUCT \$	13.13	11.98
COST OF CONCENTRATES \$		2.861
TOTAL		
FEED COST \$		
INCOME OVER FEED COST \$		
FEED COST PER CWT. MILK \$	PER CWT 24.02	%FAT 3.9
MILK BLEND PRICE	15.39	PER CWT 4.2 %FAT 1.4

REPRODUCTIVE SUMMARY OF TOTAL HERD

DAVS OPER AT 1ST SERVICE	NUMBER FROM 100 DAVS	NUMBER OVER 100 DAVS	AVG. DAVS TO 1ST SERVICE	PREG. COVS	ALL COVS	PROJECTED MINIMUM CALVING INTERVAL
6	20	6	84	1.9	2.6	13.3
2ND LACT	6	16	6	83	3.3	16.3
3+ LACTS	10	7	1.4	1.4	4.9	14.9
ALL LACTS	12	46	19	2.3	3.5	14.7
% GR ALL LACTS	16	60	24			15.5

REPRODUCTIVE SUMMARY OF CURRENT BREEDING HERD

COVS BRED BUT NOT DIAG. PREG.	1
DAVS OPER AT LAST SERVICE	2
DAVS OPER TO 100 DAVS	5
DAVS OPER OVER 100 DAVS	5
NUMBER OF HEIFERS	15
NUMBER OF CALVES	40

REPRODUCTIVE SUMMARY OF TOTAL HERD

SERVICES FOR PAST 12 MONTHS	SERVICE NUMBER	NUMBER SERVICE	% SUC-CESSFUL	SERVICE PERCENT \$
1ST	93	32	341	
2ND	65	38	354	
3RD+	181	20	428	
TOTAL	339	27	369	
ABORTIONS THIS MONTH				
PAST YEAR				
APPARENT				9

BIRTH SUMMARY

DAVS LACT	MALES	FEMALES	OFFSPRING BORN	CAVING DIFFICULTY SCORE
NUM.	ALIVE	DEAD	1	2
1	15	2	24	1
2+	37	7	29	3
TOTAL	52	9	53	4

YEARLY REPRODUCTIVE SUMMARY

DATE OF TEST	% HEATSTUC-OBS.	% ESS-FUL	PREG RATE	NUMBER SERVICES	NUMBER CONFRM PREG.	NUMBER CALVING	TOTAL PREGNANT COWS
9-08-06	75	24	13	37	6	12	49
10-06-06	60	21	12	28	3	5	42
11-08-06	65	42	27	36	7	19	38
12-08-06	71	25	15	24	5	16	35
1-09-07	72	28	15	29	21	17	48
2-16-07	64	32	16	37	6	6	48
3-30-07	70	31	14	39	17	4	59
5-09-07	64	32	19	37	10	5	61
7-11-07	48	21		38	16	21	64
8-16-07	41			13	7	19	55
AVERAGES	63	27	15	32	10	12	50
TOTALS				318		124	

REMARKS:

* ASSUMES 3.3% PER MONTH CULLING RATE.

MISCELLANEOUS

SHIPPED - TEST DAY COMPARISON	TEST DAY	YEARLY AVERAGE
5604	5555	
REPORTED AV. MILK LBS. (LBS)	5178	5144
TANK WTS. (LBS)		
% DEVIATION	+8.2	+8.0

HERD INFORMATION

ASSOC. SAMPLES	DRPC
445	MAILED
REC. AT LAB	
SUPV. MO. DAY	MO. DAY
95	8 18
MILKING TIMES	MO. DAY
1ST OR 2ND	10:00 PM
3RD	9:30 AM

REMARKS:

* ASSUMES 3.3% PER MONTH CULLING RATE.

HERDCODE	42-45-0087	DATE TESTED	8-16-07	BREED	G	STRING	
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STAGE OF LACTATION PROFILE

DATE OF TEST	DAYS OF TEST PERIOD	NUMBER OF COWS IN TEST	STAGE OF LACTATION (DAYS)				TOTAL ON AVERAGE
			1 THRU 20	21 THRU 40	41 THRU 60	61 THRU 90	
9-08-06	37	111	226	54.9	62.1	61.8	
10-06-06	35	107	214	57.9	65.3	61.8	
11-08-06	28	104	216	57.3	65.0	61.8	
12-08-06	33	109	195	56.1	60.5	61.8	
1-09-07	30	112	195	57.2	61.5	61.8	
2-16-07	32	115	198	59.5	65.5	61.8	
3-30-07	38	113	208	58.5	63.2	61.8	
5-09-07	42	112	229	53.1	59.2	61.8	
7-11-07	40	111	242	53.4	58.8	61.8	
8-16-07	63	117	220	56.2	61.4	61.8	
AVERAGES	36	114	211	53.9	58.0	61.8	

WEIGHTED SCC (NEAREST 1,000)

SCC ACT	7	6	17	6	36
SCC SCORE	44	30	44	30	35

IDENTIFICATION AND GENETIC SUMMARY

AGE GROUP	NUMBER ANIMALS	AVG. AGE	NUM. IDENTIFIED BY	NO. ANIMALS WITH MENT'S	AVERAGE MENT'S	HERD MENT'S	GENETIC PROFILE
0-12	53	0-07	53	49	+27	+50	PROVEN AI Sires
13+	52	1-08	52	47	+62	+86	AI Young Sires
PERCENTAGE MENT'S	105	1-01	105	96	+44	+82	ALL OTHER Sires
1ST LACT	41	2-05	39	41	+51	+55	
2ND LACT	36	3-09	36	36	+80	+55	
3+ LACTS	37	6-03	36	36	+99	+101	
ALL LACTS	114	4-01	111	113	+78	+67	
% IDENTIFIED (PRODUCING FEMALES)			97	99		4	

PRODUCTION BY LACTATION SUMMARY

NUMBER OF COWS	AVG. AGE	PEAK MILK	PROJ ACT 305 DAY	DIFFERENCE FROM HERDMATES	HERD PRODUCTION	LOST FROM SCC THIS TEST PERIOD
41	29	66	61 15680	-507	+3	930
36	45	83	78 18875	+1685	+71	1030
37	75	89	84 19543	+2413	+63	1130
ALL LACTATIONS	114	49	77	73 17748	+991	+42

DRY COW PROFILE

NUMBER OF COWS	AVG. AGE	PEAK MILK	PROJ ACT 305 DAY	DIFFERENCE FROM HERDMATES	HERD PRODUCTION	LOST FROM SCC THIS TEST PERIOD
34	53	7	23	4	44	39
37	67	6	23	8	3	3
ALL LACTATIONS	71	61	13	46	12	47

YEARLY PRODUCTION AND MASTITIS SUMMARY

DATE OF TEST	DAYS OF TEST PERIOD	NUMBER OF COWS IN TEST	TEST DAY AVERAGES				STANDARD DEVIATION	TEST PERIOD INDEX	TEST DAY AVERAGES				TEST PERIOD AV. MILK LBS. ADDED	TEST PERIOD AV. MILK LBS. DROPPED							
			MILK	% FAT	% PROT.	% PROT.			MILK	% FAT	% PROT.	% PROT.									
9-08-06	37	111	226	54.9	62.1	61.8	98	91	49.9	4.2	3.3	17792	829	602	74	9	9	4	4	2.6	215
10-06-06	35	107	214	57.9	65.3	61.8	98	84	48.6	4.5	3.3	17797	826	604	65	21	4	8	2	2.5	161
11-08-06	28	104	216	57.3	65.0	61.8	99	83	47.2	4.6	3.5	17826	826	606	67	16	9	6	2	2.7	161
12-08-06	33	109	195	56.1	60.5	61.8	94	87	48.9	4.8	3.4	17910	831	608	65	20	11	2	2.8	148	
1-09-07	30	112	195	57.2	61.5	61.8	101	92	52.6	4.6	3.4	17970	834	610	76	12	8	3	1	2.3	205
2-16-07	32	115	198	59.5	65.5	61.8	105	97	57.4	4.4	3.4	18136	839	615	74	17	5	3	1	2.4	205
3-30-07	38	113	208	58.5	63.2	61.8	94	92	53.9	4.7	3.5	18380	848	623	73	11	8	4	4	2.7	314
5-09-07	42	112	229	53.1	59.2	61.8	94	91	48.3	4.4	3.3	18499	849	627	71	14	7	2	6	2.6	200
7-11-07	40	111	242	53.4	58.8	61.8	98	87	46.7	4.6	3.3	18424	841	624	66	14	11	6	3	2.9	270
8-16-07	63	117	220	56.2	61.4	61.8	101	85	47.5	4.3	3.3	18250	827	616	59	18	10	5	8	3.0	298
AVERAGES	36	114	211	53.9	58.0	61.8	96	91	49.2	4.2	3.2	18176	821	612	57	13	12	8	10	3.3	407

YEARLY SUMMARY OF COWS ENTERED AND LEFT THE HERD

COVS ENTERED	COVS LEFT	DAIRY	LOW PROD.	REPO.	MAST.	UDDER	FEET & OR OTHER	INJURY	DIS-EASE	DIED	NOT RPTD
44	39	14	12	1	1	1	1	4	2	2	5
3	3	13	12	1	1	1	1	1	1	2	2
47	42	44	39	1	3	3	3	3	6	4	9

GENETIC CELL COUNT SUMMARY

0.1,2,3	4	5	6	7,8,9	AVG. SCC	ACTUAL SCC	WTD. AVG. ACTUAL SCC	NUMBER LEFT	NUMBER SOLD
16	9	5	4	4	2.7	234	234	9	35

CURRENT SOMATIC CELL COUNT SUMMARY

HERD PRODUCTION	MILK	LOST FROM SCC	THIS TEST PERIOD
7,300	1,753		

May 2006 Active A.I. List

Production

Reg #	Code	Bull Name	#		Milk	% Fat	% Prot	NMS	CMS	DPR	REL	Yield Deviation								
			herds	dau								REL	SCC	Milk	Fat	Prot	PTI			
604230	200GU00108	COULEE CREST LUXURY SKIPPER-ET	11	17	62	1393	-0.01	59	-0.04	38	364	357	-0.2	37	3.13	48	1478	67	43	210
604229	001GU00415	COULEE CREST LUXURY SPIDER-ET	25	40	74	1179	0.01	53	0.01	40	271	280	-1.1	42	3.09	58	1120	54	43	197
604259	014GU00292	RIPLEY FARMS R OAK ROYALTY-ET	37	56	79	1448	-0.06	53	-0.08	32	264	243	-2.6	43	2.89	62	1561	55	34	195
604451	076GU00803	MARFRED MASTERPIECE	16	21	62	1333	-0.06	48	-0.04	36	245	237	-1.0	31	3.03	45	1913	74	50	193
604313	007GU00385	PINE RIDGE SUPER LUX-ET	22	31	72	1258	0.00	56	-0.03	36	287	284	-0.3	40	3.11	54	1501	71	42	182
603947	001GU00413	LANG HAVEN LORRY DECISION	18	28	75	1052	0.05	56	-0.03	29	257	253	-0.1	44	3.02	59	1109	59	30	162
603872	007GU00379	MY DAY BLISS BANGER-ET	52	80	87	1186	-0.13	30	-0.04	31	199	190	-1.2	58	2.86	74	1302	31	34	154
603922	014GU00287	RIPLEY FARMS SABER MIC-ET	28	42	79	576	0.14	50	0.04	26	184	200	-0.4	46	3.14	62	622	57	30	151
604188	007GU00381	LANG HAVEN LUXURY NEON	24	39	75	1479	-0.15	39	-0.09	31	312	288	-0.6	39	3.10	58	1475	32	28	150
604268	001GU00418	IDLE GOLD E CHALLENGE-ET	12	23	68	620	0.05	36	0.05	28	364	381	-0.2	33	2.85	50	521	46	30	149
603342	007GU00366	TROTACRE ENHANCER LEWIS-ET	64	107	88	1036	-0.07	34	-0.05	24	256	243	0.0	60	2.99	76	1089	37	26	132
603468	001GU00500	RIPLEY FARMS ENHANCER REWARD-ET	28	56	80	1385	-0.17	30	-0.12	23	116	82	-1.8	49	3.01	66	1462	30	24	131
603229	007GU00357	MARODORE ENHANCER ROY-ET	73	135	91	1515	-0.29	14	-0.12	28	132	99	-1.1	64	3.13	79	1573	12	29	125
603635	054GU00440	MARFRED MAXIE ET	10	15	69	735	-0.03	27	0.00	23	190	192	-1.5	41	2.95	54	1039	38	33	124
603603	200GU00102	KNAPPS MR AMERICA-ET	19	35	73	860	-0.01	36	-0.07	15	205	185	0.0	45	2.90	58	1177	45	23	124
602961	007GU00343	ROZELYN PATMAR JAY GLACIER-ET	124	340	92	194	0.16	36	0.08	20	270	297	0.6	65	2.92	87	313	39	21	119
602750	029GU00944	TROTACRE JAY MR LUCK-ET	142	446	96	1291	-0.17	26	-0.02	39	225	226	-0.4	79	3.11	91	1175	21	37	101
604022	014GU00288	LUDLOW ACRES HS MILLENNIUM-ET	42	59	83	371	0.08	30	0.07	24	191	216	0.2	52	2.97	68	337	31	25	94
603721	200GU00104	LANTZ FARM SENTRY VISA	48	105	87	737	-0.11	13	-0.05	15	1	-12	-1.2	44	3.40	79	847	15	18	77
603966	200GU00106	ALDENS VALIANT ROYAL-ET	33	56	82	96	0.06	15	0.02	7	-21	-14	-2.1	47	3.03	66	138	18	10	73
603340	009GU00148	TROTACRE ENHANCER TYLER-ET	25	38	78	588	-0.10	9	-0.06	9	-36	-52	-1.7	48	3.35	63	569	1	9	65
604274	014GU00291	RIPLEY FARMS HOT SHOT BRYANT-ET	26	38	76	263	-0.03	7	0.04	16	227	242	0.7	46	2.70	61	70	1	11	59
602265	072GU00120	FOUR WINDS MAGICMAN-ET	257	741	96	189	0.07	3	0.04	0	-36	-25	-1.1	79	2.93	92	-134	6	1	39
601562	076GU00800	OLD HOMESTEAD DIVIDEND	119	271	93	529	-0.13	2	-0.08	4	25	3	-1.6	70	2.86	84	587	2	5	33

Type

Name	#	Appr RELPTATStat				Body Dairy		RumpThurl		Rear Foot		Fore	Rear		Udder		Teat	
		REL	PTAT	Stat	Strm	Depth	Form	Angle	Width	Leg	Angle		Attch	Hght	Width	Cleft	Depth	Place
COULEE CREST LUXURY SKIPPER-ET	13	59	13	3.0	0.1	0.3	2.2	L1.0	0.6	P1.1	S0.1	0.9	2.9	1.7	0.2	S0.9	C1.5	-1.9
COULEE CREST LUXURY SPIDER-ET	24	67	10	4.4	1.4	1.8	2.8	L0.7	1.7	P0.1	L0.1	0.0	2.6	2.2	-0.2	D0.1	C0.8	-1.4
RIPLEY FARMS R OAK ROYALTY-ET	32	72	1.6	4.5	1.1	1.0	2.2	L2.7	1.2	S0.7	S0.3	1.4	1.8	1.4	0.4	S1.2	C1.4	0.5
MARFRED MASTERPIECE	18	61	1.5	4.4	2.2	2.7	3.1	L0.2	2.6	S0.9	S0.7	-0.4	2.3	2.7	1.7	D0.6	W0.2	0.1
PINE RIDGE SUPER LUX-ET	25	67	0.6	3.2	0.5	2.1	3.7	H1.3	1.0	P0.1	L0.3	-0.1	1.9	2.7	-0.2	D1.4	C1.1	-0.6
LANG HAVEN LORRY DECISION	20	68	0.4	1.5	2.1	2.5	1.2	L1.6	1.7	P0.7	L0.3	-0.5	1.6	2.2	-0.7	D1.5	W0.2	0.3
MY DAY BLISS BANGER-ET	76	86	1.5	2.3	2.6	3.0	0.6	L0.2	1.9	P0.9	L0.1	0.2	0.9	1.9	1.8	D0.5	C0.4	1.6
RIPLEY FARMS SABER MIC-ET	28	73	0.6	-0.8	0.4	1.5	1.0	L1.0	0.3	P0.4	L1.1	-1.2	0.6	1.3	0.7	D1.6	W0.5	-0.8
LANG HAVEN LUXURY NEON	29	72	0.8	2.1	-0.4	-0.2	2.0	H0.2	0.2	P1.3	S0.5	0.8	2.6	1.5	0.3	S1.0	C0.8	-1.5
IDLE GOLD E CHALLENGE-ET	20	64	1.2	-0.9	0.1	-0.1	0.9	L0.8	0.0	P0.9	S0.3	2.5	2.4	1.4	0.0	S1.7	C0.6	0.0
TROTACRE ENHANCER LEWIS-ET	65	85	1.0	-0.7	-1.1	-1.0	1.4	L0.4	-0.3	P0.5	S0.0	1.1	2.8	1.1	-0.4	S0.7	W0.8	-0.1
RIPLEY FARMS ENHANCER REWARD-ET	42	79	1.3	3.2	0.1	0.7	3.1	L1.6	0.4	S0.1	S0.3	-1.0	1.5	2.4	0.3	D1.0	C1.7	-0.2
MARODORE ENHANCER ROY-ET	98	88	1.6	-0.2	-0.3	-0.1	2.1	H0.1	0.3	P0.1	L0.2	0.4	2.3	2.5	0.3	D0.2	C0.1	-0.4
MARFRED MAXIE ET	20	70	1.2	2.6	0.4	1.0	1.9	L2.0	0.8	P0.0	S0.3	0.7	1.4	1.3	2.0	S1.2	C0.3	-0.7
KNAPPS MR AMERICA-ET	23	71	1.3	2.5	-0.1	-0.1	1.3	L1.7	-0.1	P0.4	S0.0	0.5	1.4	0.9	1.0	S1.1	C0.5	-0.4
ROZELYN PATMAR JAY GLACIER-ET	130	88	0.7	1.0	0.8	0.4	0.6	H1.5	0.7	P0.5	L0.2	0.6	0.8	1.5	0.4	S1.0	C1.1	-2.2
TROTACRE JAY MR LUCK-ET	175	92	-0.9	1.0	-0.4	0.1	2.0	H0.3	0.0	P2.6	L0.2	2.5	-0.9	0.9	-1.6	D3.0	C0.8	0.1
LUDLOW ACRES HS MILLENNIUM-ET	37	76	-0.2	1.5	0.2	0.8	2.4	H0.7	-0.4	P0.2	S0.2	-2.3	0.2	0.7	-0.5	D2.3	W1.1	-0.7
LANTZ FARM SENTRY VISA	84	71	0.9	3.4	0.7	0.5	2.0	L0.2	0.9	S0.1	S0.6	0.0	1.2	1.2	-0.2	S0.4	C0.9	1.3
ALDENS VALIANT ROYAL-ET	35	76	1.3	2.8	0.6	0.8	1.7	L2.8	1.0	S0.2	S0.2	-0.1	1.2	1.3	0.5	D0.2	C1.5	0.3
TROTACRE ENHANCER TYLER-ET	23	72	1.2	1.2	-0.4	-0.4	2.1	L0.4	0.5	P0.2	L0.1	0.4	2.9	2.2	0.4	S0.5	W0.3	-0.5
RIPLEY FARMS HOT SHOT BRYANT-ET	25	71	0.5	-0.1	0.0	-0.5	0.2	H2.1	-0.9	P0.0	S0.2	0.1	-0.4	-0.3	0.6	S0.8	C0.3	-0.7
FOUR WINDS MAGICMAN-ET	412	94	1.3	4.0	2.5	2.3	1.0	H0.2	2.8	S0.8	S0.8	1.7	0.8	0.1	-0.2	S1.6	W1.3	1.4
OLD HOMESTEAD DIVIDEND	163	90	0.8	2.2	0.1	0.7	1.1	L1.3	0.6	P0.1	S1.2	0.3	0.9	0.5	1.0	S0.9	C0.5	0.7

Active A.I. Average

24 bulls +872M -0.04% +32F -0.02% +24P +0.9 PTAT +127 PTI



Heifer 1

INGLESIDE AKIVA FANTASY

Born: January 1, 2006
947690 ■ Tattoo Lt: S136
Parent Average: +277M +14F +8P +166NM\$

LOT 5 \$ _____

RANDY SCHEIDLER
CADOTT, WI

INGLESIDE SPECIAL AKIVA ET 196572
PARENT AVERAGE: PPR: +76 PTAT: +0.3
PARENT AVERAGE: +450M +29F +13P +168NM\$

QUINCY EVEN SPECIAL ET *TW *TM
"QUALIFIED SIRE" 191928
PPR: +91 94%R PTAT: +0.2 95%R (05/07)
PTA: +45M +21F +9P +278NM\$ 96%R (MACE)
INGLESIDE JETWAY ALIKI
2E-90 "CERT" 872477
05/07 365 2X 30,890 4.0 1,246 3.1 957
LIFETIME: 1,638D 114,490M 4,566F 3,674P

INGLESIDE SEATTLE FAUSTA 924848
03/01 '+82' +83 V85 V85 +81 +81
OPPR: +107 PTAT: -0.3
PTA: +463M +21F +17P +306NM\$ 95%\$
02/05 365 2X 19,570 4.5 873 3.4 664

GS PROPHET SEATTLE TWIN 190820
PPR: +35 94%R PTAT: -0.1 94%R (05/07)
PTA: -189M +4F -6P +191NM\$ 97%R (MACE)
INGLESIDE ORBIT FENELLA 898872
05/00 'VG-85' VG86 VG87 VG88 G78 VG86
PTA: +800M +18F +25P +272NM\$ 91%\$
02/04 351 2X 22,210 3.7 831 3.2 705
03/04 311 2X 21,770 3.8 822 3.4 748
04/05 308 2X 23,790 3.9 919 3.3 796
05/05 365 2X 27,360 3.6 986 3.5 950
LIFETIME: 1,533D 107,700M 4,084F 3,672P

3rd Dam:
INGLESIDE JANS FERNANDA
E-90 "CERT"
08/05 310 2X 20,940 4.6 956 3.9 819

4th Dam:
INGLESIDE NOBLE FEDORA
2E-90 "CERT"
04/11 360 2X 19,690 5.0 988 4.0 780

5th Dam:
INGLESIDE LUCKY FELDA
03/03 305 2X 14,640 3.7 541

LONE OAK PAYOFF PRICE

Born: May 23, 2006
949435 ■ Tattoo Lt: AJ10
Parent Average: +626M +14F +17P +135NM\$

Heifer 2

LOT 6 \$ _____

ADAM SPIERINGS
WEYAUWEGA, WI

TRIANGLE ACRES PO PAYOFF ET*TM 193627
"SUPERIOR SIRE"
PPR: +136 86%R PTAT: +0.6 81%R (05/07)
PTA: +1070M +27F +39P +223NM\$ 91%R (MACE)
156 DAU AVG 23,246 3.9 915 3.3 770
41 CLASS DAU AVG FS:83.1 MS:81.6

BETTA VUE EMORY PRELUDE-ET
E-91 187668
PPR: +4 99%R PTAT: +0.3 99%R (05/07)
PTA: +442M -4F +12P -103NM\$ 99%R (MACE)
TRIANGLE ACRES COLL POLLY
E-92 "CERT" 847907
PTA: +1645M +57F +60P +431NM\$ 99%\$
02/02 365 2X 25,770 4.2 1,085 3.6 939
05/03 365 2X 40,070 4.7 1,866 3.5 1,388
LIFETIME: 1,645D 133,300M 5,944F 5,016P

LONE OAK COGNAC PEWNEY 929464
05/03 'VG-85' VG88 VG87 VG86 VG85 +83
PPR: +0 PTAT: -0.2
PTA: +182M +1F -6P +47NM\$ 42%\$
03/09 351 2X 23,300 4.9 1,149 3.1 712

ELM PARK KIESHAVN COGNAC-ET 193672
PPR: +13 79%R PTAT: +0.0 62%R (05/07)
PTA: +388M +12F +0P +23NM\$ 87%R (MACE)
LONE OAK PADDY PAIGE 884054
04/09 'VG-86' VG85 VG87 VG86 VG85
PTA: +103M -5F -7P +50NM\$ 43%\$
03/04 282 2X 13,920 3.5 486 3.2 449
04/04 288 2X 13,830 3.9 541 3.1 427

3rd Dam:
LONE OAK PETE ROSE RENA
VG-87 "CERT"
06/01 365 2X 26,320 4.0 1,053 3.2 847

4th Dam:
LONE OAK CRAFTY CAREN
VG-88 "CERT"
09/06 284 2X 21,940 4.4 960 3.2 706

5th Dam:
LONE OAK DAZZLIN DONNA
+84 "CERT"
05/10 305 2X 18,160 3.8 684 3.6 661

HILLPOINT VB ZEUS BOMBAY

Born: March 24, 2006
953815 ■ Tattoo Lt: V712
PARENT AVERAGE: -332M -5F -7P -1NM\$

Heifer 3

LOT 7 \$ _____

VOEGELI FARM, INC &
HILLPOINT
MONTICELLO, WI

RED BRAE PRELUDE ZEUS (M*) 193849
PPR: +110 87%R PTAT: +1.2 87%R (05/07)
PTA: -105M +12F +14P +246NM\$ 91%R
107 DAU AVG 21968 4.1 902 3.3 730
56 CLASS DAU AVG FS:85.8 MS:85.9

BETTA VUE EMORY PRELUDE-ET
E-91 187668
PPR: +4 99%R PTAT: +0.3 99%R (05/07)
PTA: +442M -4F +12P -103NM\$ 99%R (MACE)

RED BRAE PATRICK ZADEVA
E-92 "SUP" 838249
PTA: +324M +35F +22P +367NM\$ 98%\$
02/02 351 2X 17,970 4.3 768 3.9 698
03/02 332 2X 21,420 4.3 929 3.7 800
04/03 365 2X 23,960 5.5 1,323 3.7 875
05/04 365 2X 27,940 4.9 1,372 3.7 1,033
All American '97 - '96
1st & 2nd BU Jr 3 Yr Old Central National 1997
1st & 2nd BU Jr 2 Yr Old Central National 1996
1st & 1st BU Jr 2 Yr Old WI State Show & Fair 1996

TIERRA VERDE BC BOMBAY 918652
02/05 'VG-85' +83 VG85 +80 VG86 VG86
02/02 310 2X 18,190 3.9 701 3.1 565
03/05 100 2X 6,010 3.7 224 2.7 163

ROLLING VIEW JET COLBY ET (M*) 190480
PPR: +9 91%R PTAT: +0.2 89%R (05/07)
PTA: +885M +24F +14P -128NM\$ 95%R (MACE)
COPE JUBIL BABIE 879890
05/10 '2E-90' VG88 2E91 VG88 VG88 2E91
02/11 310 2X 21,210 4.1 869 3.3 703
04/10 305 2X 21,510 4.0 861 3.2 685
06/09 305 2X 21,290 3.4 723 3.0 642
07/11 365 2X 25,540 3.8 973 3.0 773
LIFETIME: 2,194D 145,110M 5,739F 4,629P

3rd Dam:
TIERRA VERDE PTK BETSY
4th Dam:
TIERRA VERDE L BETTY
VG-85
04/09 287 2X 15,260 4.1 623 3.8 585
5th Dam:
VALLEYLAND SOVEREIGN CHLOE

ARTHURST SR DLBO SUGAR-ET

Born: March 6, 2007
955294 ■ Tattoo Lt: 240
Parent Average: +237M -11F -3P +38NM\$

Heifer 4

LOT 8 \$ _____

DUANE & JEANNE MEIER
MONTICELLO, WI

HILLTOP ACRES E DRAMATIC ET*TM 197135
PARENT AVERAGE: PPR: +139 PTAT: +0.5
PARENT AVERAGE: +430M +43F +36P +227NM\$

R HART PROTEIN EXCITE-ET
+83 191914
PPR: +114 91%R PTAT: -0.1 88%R (05/07)
PTA: +186M +25F +21P +295NM\$ 95%R (MACE)
HILLTOP ACRES G DESTINY-ET 890270

05/10 '2E-90' 2E91 2E90 2E91 E90 2E90
PTA: +673M +60F +51P +158NM\$ 71%\$
02/07 365 3X 38,570 5.3 2,057 3.7 1,419
04/11 365 3X 35,690 4.5 1,604 3.8 1,366
06/01 331 3X 27,290 4.8 1,318 3.8 1,039
LIFETIME: 1,139D 106,520M 5,393F 4,036P

ARTHURST RHYTHM SANDI 865605
10/02 '3E-91' 3E92 3E90 3E93 3E91 3E905
02/06 365 2X 14,180 3.4 486 3.0 429
03/08 365 2X 21,100 3.6 764 3.0 637
05/08 365 2X 27,200 3.3 886 2.8 772
Nom All American Sr 3 Yr Old '00
Res Jr Champ Mn State Show & Fair '97
2nd 5 Yr Old Mn State Show '02
1st Sr 3 Yr Old Mn State Fair '00
1st Fall Yrlg Hfr Mn State Show & Fair '98
1st Fall Hfr Calif Mn State Show & Fair '97

FOREST LAWN PAT JOYTAKER-ET
E-91 187439
PPR: -72 93%R PTAT: +0.1 94%R (05/07)
PTA: -427M -8F -16P -154NM\$ 95%R (MACE)
ARTHURST EMORY SONYA 818664
15/01 '5E-91' 5E91 5E90 5E91 5E91 5E92
03/07 365 2X 28,160 3.8 1,057 3.1 887
04/10 365 2X 29,940 3.9 1,153 3.4 1,009
06/05 365 2X 31,880 3.4 1,096 3.1 995
09/08 365 2X 25,170 3.3 839 2.9 720
LIFETIME: 2,617D 181,350M 6,740F 5,970P
Nom All American Sr 2 Yr Old '94
Res Grand Champ Mn State Fair '95

3rd Dam:
ROUND BARN SHIEK SHARON
3E-90 "CERT"
08/01 365 2X 25,410 3.5 898 3.4 872
4th Dam:
ROUND BARN ELITE EVA
VG-88
07/00 326 2X 19,540 3.6 700 3.4 662
5th Dam:
ROUND BARN DAPPER ELITE
VG-87
11/11 365 2X 18,930 3.7 705 3.4 642

Sample Problem #1

151433 CHURCH CRAIG J & NATHAN J
 3347 310TH AVE
 CRESCO IA 52136
 Appraisal Report - 42450087

2006-11-16

Reg. #	Name	ST	SR	BD	DF	RA	TW	RL	RV	FA	FU	RH	RW	UC	UD	TP	TL	F&L	MS	FS
000003063736	OAK KNOB P KING DEANNA	17	19	19	45	16	29	31	30	27	15	24	30	19	12	17	33	82	82	83
000003066682	OAK KNOB P KING VIVA	42	36	39	31	21	31	26	20	34	17	15	32	23	9	27	47	82	77	82
000003070376	OAK KNOB LUXURY GOTCHA	19	17	31	29	26	9	5	18	24	17	31	37	15	16	21	22	76	77	78
000003073678	OAK KNOB NUT LAVISH	25	31	32	34	29	22	19	33	19	42	36	38	25	23	27	22	87	90	90
000003073684	OAK KNOB LIBERTY BELLE	35	33	31	38	34	22	28	21	34	19	27	34	25	16	17	22	87	82	85
000003073685	OAK KNOB DOM ADDIE	35	29	26	36	36	34	29	28	21	24	32	34	36	14	14	37	83	83	83
000003073763	OAK KNOB SABER C CAKE	31	19	33	44	34	24	27	19	13	18	26	34	19	14	18	39	78	82	84
000003073775	OAK KNOB DOM OPTIC	13	16	8	28	47	21	42	18	7	27	32	20	21	20	29	27	66	80	73
000003074906	OAK KNOB MITL FLORA	35	12	23	33	19	15	43	12	5	21	24	22	16	28	19	26	60	80	70
000003077124	OAK KNOB OPTON ADORE	34	24	24	33	18	18	26	41	20	34	33	32	27	32	38	37	84	86	86
000003079775	OAK KNOB KIX KARI	32	24	27	21	29	8	40	19	22	19	13	15	25	18	17	35	76	76	77
000003079776	OAK KNOB SALUTE GERMAIN	9	19	21	17	18	16	25	27	33	11	4	17	1	10	6	21	87	61	67
000003079777	OAK KNOB GUESS	39	41	30	27	18	34	34	16	8	21	27	17	19	18	13	39	76	81	81
000003079783	OAK KNOB KIX LABEL	32	29	25	19	27	33	21	3	24	24	27	20	25	21	29	31	70	79	76
000003079785	OAK KNOB KIX VINTAGE	50	21	18	28	37	27	18	23	28	7	26	19	19	14	16	31	87	74	77
000003079787	OAK KNOB SNEE GRAVY	11	27	26	9	29	17	26	21	18	28	12	14	30	18	32	28	83	85	85
000003079789	OAK KNOB LORRY HELLO	26	31	34	41	11	30	27	26	32	21	33	39	31	19	17	29	83	85	85
000003079793	OAK KNOB REGIS DISCO	32	23	25	35	35	37	28	39	32	32	36	42	13	19	11	29	88	75	79
000003079794	OAK KNOB KIX HENNA	31	36	19	17	21	27	34	31	11	32	14	19	8	16	1	24	76	60	66
000003079798	OAK KNOB KIX B ICE	27	30	17	28	18	29	31	23	33	19	21	35	14	14	16	17	80	75	77
000003083074	OAK KNOB VELOUR ZEAL	17	21	32	43	35	39	29	28	22	19	37	41	13	13	15	36	84	81	83
000003083076	OAK KNOB DIABLO NEMESIS	19	27	22	18	35	7	27	29	24	31	36	19	31	35	25	24	84	80	80
000003083078	OAK KNOB MASTER BLESS	4	19	17	21	19	18	18	33	31	38	39	28	38	20	24	30	82	86	83
000003083082	OAK KNOB DIABLO WHISKEY	24	29	32	44	14	24	35	34	29	28	37	36	43	18	24	35	83	87	86
000003083083	OAK KNOB TILLER DIAMETER	23	29	27	19	30	21	26	38	36	27	35	25	26	27	21	30	88	82	84
000003083087	OAK KNOB MASTER LIGHTNING	11	21	25	16	27	18	26	36	12	35	36	28	33	33	17	27	77	77	82
000003083090	OAK KNOB NEON FOXY	6	12	17	17	19	7	33	31	17	31	11	25	15	14	9	19	85	83	85
000003083090	OAK KNOB NATHAN ROCKET	22	28	24	33	13	27	17	30	36	23	37	37	37	22	21	19	87	82	78
000003083091	OAK KNOB PATTON ROCKET	22	28	24	33	13	27	17	30	36	23	37	37	37	22	21	19	87	82	78
000003083093	OAK KNOB PATTON GOSH	37	31	19	41	31	27	25	32	30	20	37	34	36	22	22	30	86	86	87
000003083094	OAK KNOB PATTON GOLLY	35	32	26	28	33	9	16	27	19	7	11	25	15	14	9	19	83	63	67
000003083095	OAK KNOB NATHAN PLUTO	24	23	21	41	44	6	18	27	30	20	37	37	37	22	22	30	86	86	87
000003083096	OAK KNOB NATHAN LUNA	21	25	24	33	11	17	25	34	29	22	33	31	17	29	35	35	85	83	81
000003083099	OAK KNOB DIABLO KEASTER	23	16	19	34	14	18	29	27	19	27	36	36	31	19	19	37	88	87	88
000003083100	OAK KNOB DIABLO PERFECT FLIGHT	26	27	32	33	29	19	29	37	32	22	37	35	45	34	37	32	88	87	88
000365011403	OAK KNOB PERFECT FLIGHT	37	33	32	18	19	14	27	31	21	33	31	17	29	34	18	27	88	82	82
000068003120	OAK KNOB NEON RHYME	39	19	34	41	31	31	6	26	17	25	46	40	27	35	33	26	78	82	82
000068003121	OAK KNOB DIABLO KARAMEL	42	21	20	32	32	18	33	39	28	21	34	40	27	34	16	28	76	85	83
000068003123	OAK KNOB JB NIRVANA	16	29	19	16	37	11	17	17	24	29	38	30	34	35	34	35	77	82	79
000068003124	OAK KNOB POKER OZONE	35	26	25	27	30	33	29	31	33	34	38	32	35	36	16	20	84	83	84
000068003126	OAK KNOB F KINETIC	12	18	17	18	15	19	36	18	21	34	33	21	19	31	12	36	73	80	80
000068003128	OAK KNOB TILLER NEXUS	24	30	26	19	19	19	36	18	21	41	36	18	19	31	12	36	73	80	83
000068003130	OAK KNOB GLACIER ORNATE	27	35	17	16	17	17	17	17	30	38	43	18	19	28	24	3	84	81	80
000068003132	OAK KNOB DEMAND OPTUM	34	29	24	17	17	19	27	21	24	32	38	32	31	36	22	23	85	82	80
000068003133	OAK KNOB FLANDERS OLE	18	10	12	36	36	12	27	38	31	21	40	32	31	28	25	23	85	85	85
000068003137	OAK KNOB CHALLENGE FLAME	4	13	18	19	40	15	32	41	17	37	36	33	33	35	18	26	82	85	82
000068003143	OAK KNOB JB FORTUNE	17	28	17	6	31	18	23	39	35	34	31	9	29	50	16	14	83	75	75
000068003147	OAK KNOB TILLER NIMBUS	28	24	32	36	15	36	30	26	15	34	36	33	28	30	17	36	72	79	87

Sample Problem #2

MONTHLY REPORT 01-11-20

OAK KNOB GUERNSEYS PAGE 2 LEAD FEED DAYS = 21, NOT 14

Herdcode	Breed	Assoc.	Supervisor	Record Plan	Sample Date
42-45-0087	G 445		95	23 DHIR-AP	8-16-07
Test Interval	Cow Month	Length	From	at Lab	
139.0	36	7-12	8-18		

Cow ID	Breed	Assoc.	Supervisor	Record Plan	Sample Date	SCC Actual & Milk Wts by Test Day						Sample Day Data		Bain Name	Index Number	Lactation to Date		Condition Affecting Record		Date Codes								
						Test Date	Milk	SCCA	Test Date	Milk	SCCA	Test Date	Milk			SCCA	Test Date	Milk	SCCA		Test Date	Milk	SCCA	Test Date	Milk	SCCA	Test Date	Milk
G 68003140	MAKER					33	54	48	44	45	33	32.0	49	BREEZE	51	11-27	263	11011	501	357			12222	556	400	1	2-10	11*23
G 68003157	RON					64	80	72	71	64	31	13	25	BUNNY	26	10-31	290	18952	759	609			19900	805	633	2	1-16	10*29
G 3073763	SABER					87	76	80	73	66	52	44.0	52	CCAKE	48	10-03	318	22580	164	790			21988	133	763	1	12-22	10*04
G 68003240	JB					70	62	61	64	41	41	57	36	CLARA	43	12-23	237	14090	618	475			16908	748	584	2	4-10	1*21
G 68003158	JB					20	23	1131	1970	2786	746	37	66	CRACKER	27	6-01	77	5539	204	161			18002	700	543			
G 3063736	REGIS					91	86	82	69	57	54	52.0	32	DEANNA	4	10-13	308	21242	666	617			21086	660	612			
G 600959	TILLER					27	41	35	115	76	264	174	33	DIAMETE	460	6-11		-148	3.1	2.9	C		14721	611	499	1	1-11	10*24
G 3083082	DRY					62	50	58	51	51	47	28.0	31	DINAH	2	11-11	279	14155	593	480			18910	917	727	2	3-19	12*23
J 112273189	FUTURE					18	132	22	23	57	71	41	36	DISCO	4	12-11	249	16884	826	649			23806	1055	773	6	7-05	4-16
G 3079789	REWARD					87	90	84	71	55	54	30.0	31	DITZ	64	5-06		-251	4.9	3.8	C		15266	691	473	1	4-24	2*04
G 68009100	WRAMERICA					71	107	174	107	400	373	283	35	DREAM	2	8-26	356	26143	148	858			19131	896	651	3	1-03	10*16
G 68003153	LORRY					62	68	64	63	41	64	62.0	52	FLAME	1	7-24	389	24056	139	841			18744	846	589	7	6-24	4*05
G 3079781	DIABLO					23	25	33	29	33	29	31	38	FLAVOR	2	11-10	280	17851	806	561			14772	548	457	2	6-03	3*15
G 68003138	CHALLENGE					80	82	74	65	57	49	38.0	47	FLIGHT	48	4-05		-771	4.5	3.1	C		12035	617	426	1	1-02	10*15
G 68003134	HUBSDON					141	38	174	123	460	325	492	37	FLORA	1	10-22	299	11799	605	422			17853	772	573	2	4-14	1*25
G 3083100	PERFECTO					43	62	88	77	68	68	70.0	38	FORTUNE	1	12-11	249	17563	655	556			17493	802	595	2	11-19	9*01
G 3073775	MILLENHIM					51	60	60	60	57	64	DRY	70.0	36									17493	802	595	2	11-19	9*01
G 68003143	JB					58	54	58	45	43	37	DRY	800	35									17493	802	595	2	11-19	9*01
G 68003143	JB					47	38	27	47	29	44	DRY	800	35									17493	802	595	2	11-19	9*01

Billing for period following 8-16-07 DmPC Fees 44.22 State Fees 22.38 Lab Fees 33.28 Local Fees Total Amount 99.88