

Dairy Cattle Career Development Event

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

25 Objective Questions – 2 pts. Each

1. Soybeans are often heat-treated (roasted or extruded) to
 - a. kill any bacteria that might be present on the outside of the beans.
 - b. improve the feed value of the beans.
 - c. provide a source of antibodies for the immune system
 - d. boil off any excess fat or oil that is present in the beans

2. Washing the udder prior to milking stimulates the release of _____ which induces milk letdown.
 - a. adrenaline
 - b. testosterone
 - c. oxytocin
 - d. estrogen

3. The first milk secreted after calving is called _____.
 - a. clostridia
 - b. coliform
 - c. collagen
 - d. colostrum

4. 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

5. In the udder, the milk is formed in tiny sacs known as _____.
 - a. alveoli
 - b. mammary sacs
 - c. lobules
 - d. udder cisterns

6. Many dairy producers are processing their corn silage in order to:
 - a. increase the digestibility of nutrients in the silage
 - b. increase the rate (acres/hr or tons/hr) at which they can harvest their silage.
 - c. decrease their field losses
 - d. allow them to begin harvesting the silage earlier in the fall.

7. bST (bovine Somatotropin) has been shown to increase milk production.
 - a. however injections of bST have also been shown to increase bST levels in the milk
 - b. and does not affect the chemical composition of the milk
 - c. and dramatically increase profitability.
 - d. improve a cow's ability to breed back

8. The number one reason for poor reproductive performance is...
 - a. Semen quality
 - b. Heat detection
 - c. records
 - d. inseminators

9. What nutrient supplies the majority of energy in a cow's ration?
 - a. minerals
 - b. water
 - c. protein
 - d. carbohydrate

10. Ruminants are unique because of their ability to utilize cheaper sources of roughage as...
 - a. protein supplements
 - b. nitrogen
 - c. protein
 - d. energy

11. Proteins are composed of carbon, hydrogen, oxygen and _____. Bacteria in the ruminant gut can utilize sources of this chemical element to build protein. This helps explain why ruminants can utilize non-protein feedstuffs, such as urea, which are of low value to monogastrics.
 - a. Carbon
 - b. Sulfur
 - c. Nitrogen
 - d. Phosphorus

12. Dystocia refers to...
 - a. herd health
 - b. energy consumption
 - c. calving difficulty
 - d. mastitis

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13. Off-flavors in milk can be caused because odors can be absorbed by ...
 a. fat globules in the milk.
 b. teat sphincter muscles.
 c. casein in the milk.
 d. tissue linings of the teat cistern.
14. Which of the following is not an effective means of controlling off-flavors in milk?
 a. provide clean, dry bedding for cows.
 b. control mastitis
 c. provide adequate ventilation in dairy facilities
 d. select sires which are low in this trait
15. How soon after calving should cows be re-bred?
 a. 21-30 days b. 50-70 days c. 305 days d. 365 days
16. Body condition scoring of dairy cattle is best used to ...
 a. decide which animals to cull.
 b. decide when to dry off a cow.
 c. decide which cows to breed
 d. evaluate the overall nutrition and feed program.
17. The primary reason for high bacteria counts in milk is...
 a. cows with mastitis.
 b. dirty stalls and lots
 c. poor cleaning of equipment
 d. dirty milker's hands
18. In AI, the optimum site for semen deposition is in the?
 a. vagina
 b. uterine body
 c. ovary
 d. placenta
19. White muscle disease of calves is caused by a deficiency of which mineral?
 a. calcium b. phosphorus c. selenium d. potassium
20. Bovine somatotropin (Bst) is also known as:
 a. somatic cells b. oxytocin c. growth hormone d. steroid hormone
21. Which of the following feeds usually contains the most protein?
 a. alfalfa hay b. corn silage c. corn grain d. soybean oil meal
22. 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
23. Retained placenta (retained fetal membranes) can lead to ..
 a. mastitis b. metritis c. hardware disease d. displaced abomasum
24. Which of the following represents the largest single cost associated with producing milk?
 a. facilities b. feed c. labor d. veterinarians and drugs
25. The two nutrients of most concern regarding manure application to land are:
 a. Ca & P b. N & P c. Se & Vit. E d. K & Mg

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DHIA Questions – 5 pts. Each

26. What is the current rolling yearly herd average milk production for this herd?
 a. 7,328 b. 17,625 c. 16,700 d. 20,195
27. During what month was the average Somatic Cell Count score the highest?
 a. January b. February c. April d. June
28. How many cows left the herd because of "injury or other"?
 a. 1 b. 2 c. 7 d. 18
29. What was the rolling yearly herd average for protein as of May 17th?
 a. 3.1 % b. 3.2 % c. 17,232 d. 512
30. What is the rolling yearly herd average for Feed Cost Per Cwt. Of Milk?
 a. \$4.93 b. \$5.13 c. \$5.74 d. \$1,078

Dairy Management Problems – 5 pts. Each

31. A load of hay consisting of small square bales averaging 50 lbs /bale costs \$2.50 per bale. What is the cost of one ton of this hay?
 a. \$75.00 b. \$100.00 c. \$125.00 d. \$150.00
32. You can purchase corn from four different producers. The following information shows the cost per bushel and the respective protein contents:
- | | | |
|------------------|----------------|---------------|
| Farmer A's Corn: | \$2.00 per bu. | 8 % protein |
| Farmer B's Corn: | \$2.10 per bu. | 9 % protein |
| Farmer C's Corn: | \$1.95 per bu. | 7.5 % protein |
| Farmer D's Corn: | \$1.75 per bu. | 7 % protein |
- If protein is your most expensive nutritional input, which corn is a better value?
 a. Farmer A's Corn b. Farmer B's Corn c. Farmer C's Corn d. Farmer D's Corn
33. A cow eats 40 lbs of haylage that contains 45% moisture. How many pounds of dry matter does she consume?
 a. 18 lbs b. 22 lbs c. 40 lbs d. 45 lbs
34. A concentrate mix consists of 1500 lbs. of dry shelled corn and 500 lbs. of 44% soybean oil meal. If corn costs \$1.68/bu. and soybean meal costs \$150.00/ton, what is the total cost of this mix?
 a. \$73.50 b. \$79.50 c. \$82.50 d. \$116.25
35. How much additional income would be generated for a producer selling 150,000 lbs of milk if they decrease their average SCC from 400,000 SCC to 200,000 SCC?
Assume an adjustment of \$0.01 per cwt. for every 10,000 SCC below 400,000.
 a. \$3 b. \$30 c. \$300 d. \$3000

Sire Evaluation Questions – 5 pts. Each

36. If a herd owner's primary selection objective was to increase pounds of protein produced then the first choice of sire service would be:
 a. Sunbow Steadfast
 b. Schultz Brook Hallmark
 c. Greenwood Berretta Dunkirk-ET
 d. AU Rock Creek Trimmer - ET

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37. If herd owners are primarily interested in increasing pounds of milk produced then their first choice of service sire would be:
- Schultz Brook Hallmark
 - Greenwood Berreta -ET
 - AU Rock Creek Trimmer - ET
 - BW Parade-ET
38. Which sire's number estimates would appear to be the most reliable?
- Schultz Brook Hallmark
 - Long Distance Barber Barkly
 - AU Rock Creek Trimmer - ET
 - Fleurieu Apache
39. Which sire would you expect to generate the greatest overall herd improvement?
- Schultz Brook Hallmark
 - Long Distance Barber Barkly
 - AU Rock Creek Trimmer - ET
 - Fleurieu Apache
40. Which bull is an embryo transfer?
- Sunbow Steadfast
 - Long Distance Barber Barkly
 - Fleurieu Apache
 - Rock Ella Prerimiter

Pedigree Questions – 5 pts. Each

41. Which female's paternal grandsire is CAL-Clark Board Chairman?
- Penny
 - Diane
 - Brook
 - Fancy
42. What is Brook's maternal granddam's greatest one-time production record for pounds of milk produced?
- 18,783
 - 22,200
 - 14,260
 - 19,770
43. Which heifer has the granddam with the highest one-time production record for pounds of milk produced?
- Penny
 - Diane
 - Brook
 - Fancy
44. Which female has the highest PTPI?
- Penny
 - Diane
 - Brook
 - Fancy
45. Which of the four sires represented on the pedigrees would probably generate the least herd improvement in type.
- Penny's sire
 - Diane's sire
 - Brook's sire
 - Fancy's sire

SAVE
for future reference

HOARD'S DAIRY

Jersey

**Sunbow Steadfast
Top Net Merit Jersey**

Name of Bull	NAAB Code	Selection Indexes				Production-related PTA'S						Type Data				
		NMS	Rel.	CMS	PTI	lbs.M	lbs.P	%P	lbs.F	%F	Rel.	SCS	PL	PTAT	Rel.	
SUNBOW STEADFAST	29JE3194	451	78	450	327	2499	70	-0.10	55	-0.32	85	3.47	0.8	0.5	74	
LONG DISTANCE BARBER BARKLY	7JE488	448	69	440	288	1831	47	-0.10	56	-0.16	76	3.16	1.4	1.5	62	
MOLLY BROOK BERRETTA FANCLUB-ET	122JE5127	438	81	480	309	1097	56	0.10	56	0.03	86	3.38	1.0	1.5	81	
ROCK ELLA PARAMOUNT-ET	7JE442	428	89	445	262	1043	40	0.02	42	-0.03	94	3.26	2.2 M	2.8	89	
MVF BERRETTA FREDRICO-ET	7JE474	427	72	454	286	1201	50	0.04	50	-0.03	78	3.45	1.7 M	1.6	67	
JENKS BARBER BILL	122JE5134	424	71	445	270	1164	46	0.03	40	-0.08	77	3.26	1.9	1.6	71	
MVF BOLD VENTURE DANIEL	1JE1325	423	98	422	281	1769	50	-0.07	62	-0.11	99	3.17	1.1	0.7	99	
MOLLY BROOK BERRETTA FAIR-ET	11JE627	416	80	443	296	1287	53	0.04	47	-0.07	86	3.50	1.0 M	1.8	74	
ROCK MAPLE BROOK MANNIX	140JE330	416	79	428	282	1301	44	-0.01	69	0.05	84	3.29	1.2	1.7	78	
SCHULTZ BROOK HALLMARK	29JE3114	408	83	416	254	1207	39	-0.02	34	-0.13	88	3.20	2.1	2.6	80	
BARBS MBSB COSMO	9JE173	408	79	430	270	1605	59	0.01	23	-0.29	85	3.27	1.4	0.9	70	
TWIN HAVEN ALF GARTH-ET	14JE316	396	81	394	257	1675	46	-0.08	57	-0.11	86	3.17	1.4	1.2	78	
MOLLY BROOK GLNWOOD FREEDOM-ET	7JE424	391	82	378	267	1672	40	-0.11	62	-0.08	87	3.31	0.7	1.7	77	
BARBS MBSB DECLO	7JE386	387	90	407	260	1433	53	0.01	28	-0.22	94	3.34	1.6	1.4	90	
GABYS ALF RED DOG	29JE3184	380	82	387	217	1067	34	-0.02	42	-0.04	87	3.07	2.9	1.6	79	
WALDEN FARM MR T QUEST ANGEL-ET	122JE5118	379	82	383	248	1355	41	-0.04	59	-0.02	87	3.21	1.2	1.3	84	
AMBZED US GERMON	163JE3254	373	61	374	253	1817	52	-0.07	28	-0.31	67	3.46	1.5 M			
DJF BERRETTA HADYN	1JE1369	370	85	396	229	919	42	0.05	25	-0.10	90	3.29	2.4	1.8	79	
GREENWOOD BERRETTA DUNKIRK-ET	122JE5090	367	81	353	224	1847	44	-0.12	26	-0.33	85	3.45	2.3	2.2	84	
MOLLY BROOK GLENWOOD FLYER-ET	29JE3137	367	81	380	270	1216	42	-0.01	66	0.06	86	3.28	0.0	1.2	78	
MOLLY BROOK BERRETTA FLYER-ET	9JE153	365	81	402	262	825	46	0.10	48	0.06	86	3.49	1.1	2.1	80	
WILSONVIEW KHAN MORGAN-ET	1JE480	365	69	372	231	1092	35	-0.02	46	-0.02	74	3.27	2.0	1.3	66	
FANELIS SUPER TACO	122JE101	364	68	387	262	1081	45	0.04	59	0.06	73	3.42	0.9	0.7	59	
ROCK ELLA PERIMETER-ET	71JE162	363	88	410	260	559	44	0.14	50	0.14	94	3.35	0.9 M	1.8	81	
MVF POSEIDON FLIGHT-ET	14JE332	352	70	362	280	1416	46	-0.02	51	-0.08	76	3.46	0.0	1.6	71	
ISDK ODA HEINO	228JE2	347	79	369	200	424	25	0.06	86	0.40	91	3.28	1.6 M	-0.5	47	
FLEURIEU APACHE	200JE28	344	54	368	246	1101	46	0.04	47	-0.02	59	3.16	1.0 M	0.0	47	
AHLEM BERRETTA ROGUE	29JE3180	343	83	365	234	1231	48	0.02	31	-0.15	88	3.33	1.3	0.3	80	
ISDK ODA RINDE	164JE2	343	68	358	207	604	26	0.03	72	0.27	79	3.09	1.5 M	-0.2	44	
EASTGLEN ALF KLASSIC-ET	9JE172	342	74	344	221	1199	35	-0.04	48	-0.04	79	3.25	1.6	1.6	72	
DE BOER CINDYS CEASAR	14JE326	341	83	357	249	1224	44	0.01	63	0.04	89	3.41	0.3	0.4	86	
WOLF RIVER BERRETTA PANTHER	11JE636	339	80	342	230	1381	41	-0.05	26	-0.21	86	3.30	1.3 M	1.5	74	
VANTAGE CLARION	1JE342	337	69	357	225	883	37	0.03	56	0.09	74	3.42	1.4	1.5	66	
MS/DP LONG RANGE AINGE	14JE301	336	84	325	220	1695	41	-0.11	34	-0.25	89	3.33	1.6	1.5	86	
STONYRUN SOONER FREDDY-ET	100JE7085	335	79	327	208	1351	33	-0.08	39	-0.13	83	3.24	1.7	1.6	84	
CLOVER FARMS MELVIN-ET	29JE3148	328	79	333	206	1238	38	-0.03	31	-0.15	84	3.22	1.7	1.1	70	
DUTCH HOLLOW TITAN-P-ET	29JE3173	327	81	321	185	1328	34	-0.07	30	-0.18	86	3.26	2.9	0.9	84	
WINDY ACRES BERRETTA CRUSH	76JE122	327	49	351	208	973	42	0.04	21	-0.14	53	3.31	1.9			
ISNZ CRESCENT SHARIF	163JE3243	325	60	358	223	464	33	0.10	59	0.23	67	3.22	1.4 M			
ALTHEAS BARBARIAN-ET	122JE5139	322	80	329	218	1165	37	-0.03	50	-0.02	85	3.23	0.7	0.0	82	
ISDK BAMBRO BH	228JE1	316	63	335	206	404	23	0.05	65	0.28	70	3.09	1.0 M	0.9	43	
AU LESTER TOPKICK-ET	1JE317	315	94	323	202	676	24	0.00	44	0.08	98	3.34	1.5	2.2	96	
MASON BOOMER SOONER BERRETTA	7JE254	314	99	338	184	756	36	0.06	6	-0.17	99	3.39	2.7 M	2.1	99	
PHILS BERRETTA BLUE STAR ET	71JE163	310	85	309		1419	40	-0.06	22	-0.25	91	3.32	0.7 M	1.8	74	
BW PARADE-ET	7JE472	310	80	337	233	806	39	0.06	31	-0.03	87	3.27	1.1	2.4	78	
ROCK MAPLE BROOK MONTANA-ET	29JE3075	308	97	296	223	1426	33	-0.10	54	-0.07	99	3.21	0.0 M	2.2	98	
SUMMETZ MISTER T HAWKEYE-ET	14JE330	307	74	308	208	1392	40	-0.06	27	-0.21	80	3.40	1.7	1.9	72	
EASTGLEN BARBER KRAFT-ET	14JE331	302	78	302	192	884	25	-0.04	52	0.07	84	3.22	1.1	1.9	78	
MOLLY BROOK BERRETTA FUTURE-ET	2.9	14JE306	300	87		330	196	411	30	0.10	17	-0.01	91	3.43	1.9	
H&B ALF PARAGON-ET	86	29JE3161	296	84	334	208	29	0.13	28	0.12	90	3.04	1.6 M	1.5	81	
BW CARINGTON	100JE7100	296	59	316	210	779	34	0.04	31	-0.03	62	3.37	1.4	1.4	64	
AU ROCK CREEK TRIMMER-ET	122JE5119	295	86	326	219	609	36	0.09	45	0.10	91	3.33	0.9 M	0.9	87	

AMESMAR FEN FANCY
14952778

+813
P7 PTPI

42WGS4961
11/08/92 FEMALE

PTA +36F +37F +1.50T
PTAS # # 20R#
PTA% 19R 1/93 1/93

AMES ROBERT W.
RR 2 BOX 64
ROCKWELL IA 50469
515/822-4523

#1

TO-MAR BLACKSTAR-ET *TL +1159
1929410 TPI
7-09 93 EEE GM 1/93 UDC +2.56
PTA +1724M +54F +56P +2.84T
PTAS +201CY +207 +208 99R
PTA% 99R 1/93 -04 +02 1/93
D/AV 22497 811 703 84.2

GCG GOLD-STAR FANNY +632
11796619 CTPI
7-08 92 EEEE 2E UDC +1.33

PTA -143M +56F +13P +1.23T
PTAS +135CY +31 +56 64R
PTA% 56R 1/93 +.32 +09 1/93

PPA +1127M +228F +79P

DHIR				%	FAT	%	PRT
2-03	2	339	17810	4.6	819	3.2	570
3-03	2	305	22210	4.2	926	3.4	752
		365	24370	4.3	1047	3.5	845
4-06	2	305	24080	4.4	1053	3.3	788
		344	25730	4.5	1145	3.3	852
5-06	2	305	23150	4.3	1000	3.5	811
		345	24780	4.4	1089	3.6	882
6-07	2	305	23700	4.5	1065	3.3	779
		365	26940	4.5	1223	3.3	891
LIFE	1837	121420	4.5	5422	3.4	4121	

GCG BLACKSTAR FEN +900
2141734 PTPI

PTA +55F +35P +2.04T
PTAS # # 41R#
PTA% 39R 1/93 1/93

AMESMAR LEADER VAL +717
14290622 PTPI

PTA +17F +38P +.95T
PTAS # # 37R#
PTA% 37R 1/93 1/93

KINGLEA LEADER *RC-TL +1055
1926780 TPI
7-02 85 +VV GM 1/93 UDC +1.77

PTA +2086M +41F +64P +1.59T
PTAS +188CY +231 +227 93R
PTA% 97R 1/93 -16 +00 1/93
D/AV 21555 750 670 81.1

AMESMAR BOOKIE OREGO +368
13181401 CTPI
2-05 78 +GG+ UDC +.69

PTA -105M -8F +11P +.31T
PTAS +3CY -16 +4 55R
PTA% 51R 1/93 -02 +07 1/93

PPA -2184M -54F -25P

DHI				%	FAT	%	PRT
2-00	2	300	12910	3.9	502	3.7	481
3-00	2	276	13970	3.9	540	3.7	517

*TL TESTED FREE OF BLAD

05 0012 0 02/08/93 WB3039011

Holstein Association

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This document reflects information on the Holstein Association performance files as of the date printed. Sire and cow production indexes and predicted differences are supplied by USDA and added to the Association files each February and August. Individual lactation and classification scores are updated upon receipt and may have been edited due to space limitations.

AMESMAR FEN PENNY
14987762

+758
P6 PTP1

42WGS4960
10/28/92 FEMALE

PTA +40E +32P +1.32T
PTAS # # 20R#
PTA% 19R 1/93 1/93

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RR 2 BOX 64
ROCKWELL IA
515/822-4523

50469

#2

TO-MAR BLACKSTAR-ET *TL +1159
1929410
7-09 93 EEE GM 1/93 UDC +2.56

PTA +1724M +54E +56P +2.84T
PTAS +201CY +207 +208 99R
PTA% 99R 1/93 -104 +.02 1/93
D/AV 22497 811 703 84.2

CGG GOLD-STAR FANNY +632
11796619
7-08 92 EEEE 2E UDC +1.33

PTA +143M +56E +13P +1.23T
PTAS +135CY +31 +56 64R
PTA% 56R 1/93 +32 +.09 1/93

PPA +1127M +228E +79P

DHIR				%	FAT	%	FRT
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3-03	2	305	22210	4.9	926	3.4	752
			24320	4.3	1047	3.5	845
4-06	2	305	24080	4.4	1053	3.3	788
			25730	4.5	1145	3.3	852
5-06	2	305	23150	4.3	1000	3.5	811
			24780	4.4	1089	3.6	882
6-07	2	305	23700	4.5	1065	3.3	779
			26940	4.5	1223	3.3	891
LTEE		1837	121420	4.5	5422	3.4	4121

CGG BLACKSTAR FEN +900
2141734 PTP1

PTA +55E +35P +2.04T
PTAS # # 41R#
PTA% 39R 1/93 1/93

AMESMAR COUNT LAURA +613
14290583 PTP1
2-03 73 G+CE

PTA +24E +29P +.59T
PTAS # # 39R#
PTA% 37R 1/93 1/93

MODIK VALIANT COUNT-ET *TD +584
1836126
8-04 90 EVF UDC +1.18

PTA +854M +12E +21P +1.17T
PTAS +58CY +91 +82 99R
PTA% 99R 1/93 -109 -102 1/93
D/AV 20932 739 648 81.3

AMESMAR BELL BOBBIE +633
13521447
4-04 75 EV+E UDC +.56

PTA +1204M +36E +36P +.00T
PTAS +131CY +143 +146 58R
PTA% 50R 1/93 -03 -01 1/93

PPA +3481M +95E +89P

DHI				%	FAT	%	FRT
2-00	2	305	15430	3.4	526	3.2	481
2-11	2	305	20380	3.5	715	3.2	651

*TL TESTED FREE OF BLAD
*TD TESTED FREE OF DUMPS

05 0004 0 03/10/93 CE3069014

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This document reflects information on the Holstein Association performance files as of the date printed. Sire and cow production indexes and predicted differences are supplied by USDA and added to the Association files each February and August. Individual lactation and

AMESMAR FRIDAY BROOK
14952781

+682
PTPI

12/19/92 42WG7058
FEMALE

PTA +45E +39P +.22T
PTAS # # 37R#
PTA% 37R 1/93 1/93

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#3

CAL-CLARK BOARD CHAIRMAN *TL +695
1723741 TPI
10-04 88 +EV GM 7/90 UDC +1.67
PTA +940M +19E +33P +.76T
PTAS +93CY +105 +109 99R
PTA% 99R 1/93 -.07 +.02 1/93
D/AV 26626 733 650 81.5

KNOXLAND ELEVATION M STARRY +542
9630204 CTPI
4-01 85 +EV+ GMD DOM
PTA +1011M +43E +23P +.28T
PTAS +123CY +130 +117 84R
PTA% 85R 1/93 +.03 -.04 1/93
PPA +2869M +170E +84P

KNOXLAND CHAIRMAN FRIDAY-HITL +727
1914983 TPI
9-04 91 EEV UDC +.19
PTA +1718M +53E +42P +.44T
PTAS +175CY +206 +187 88R
PTA% 96R 1/93 -.04 -.05 1/93
D/AV 22214 768 679 79.4

DHIR
2-11 2 305 22920 4.4 1003 3.2 727
2ND NH FAT
353 24840 4.4 1100
3RD NH FAT
4-01 2 305 25240 3.5 892 3.1 777
348 26970 3.6 967 3.1 836
DHI
2-00 2 296 21610 3.9 845 3.1 677

AMESMAR BELL BOBBIE +633
13521447 CTPI
3-02 78 GVHC UDC +.56
PTA +1204M +36E +36P +.00T
PTAS +131CY +143 +140 58R
PTA% 50R 1/93 -.03 -.01 1/93
PPA +3481M +95E +89P
DHI
2-00 2 305 15430 3.4 526 3.2 487
2-11 2 305 20380 3.5 715 3.2 657

CARLIN M IVANHOE BELL *BL +886
1667366 TPI
12-01 93 EEV GM 7/90 UDC +.25
PTA +1852M +64E +60P +.29T
PTAS +227CY +227 +228 99R
PTA% 99R 1/93 -.01 +.01 1/93
D/AV 21481 770 677 81.1

AMESMAR SENSATION SHELLY +191
11018820 CTPI
5-03 81 +++ UDC +.13
PTA +20M -1E -2P -.47T
PTAS -6CY +1 -3 63R
PTA% 55R 1/93 -.01 -.01 1/93
PPA +809M +28E -7P

DHIR
2-03 2 305 13800 3.5 484
322 14410 3.5 508
3-04 2 305 18730 3.8 713
338 20000 3.8 760
4-06 2 305 19810 3.5 703 3.0 596
365 22200 3.6 795 3.0 676
5-07 2 298 14260 3.8 543 3.4 491
DHI
6-09 2 305 19770 3.5 691 3.1 610

ALL TESTED FREE OF BLAD
*BL CARRIER BLAD

05 0013 0 02/08/93 WB3039011
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AMESMAR FEN DEANE
14987773

+846
P8 PTPI

42WGS4846
10/14/92 FEMALE

PTA +39E +39E +1.64T
PTAS # # 20R#
PTA% 19R 1/93 1/93

AMES ROBERT W
RR 2 BOX 64
ROCKWELL IA
515/822-4523

50469

#4

TO-MAR BLACKSTAR-ET *FL +1159
1929410 TPI
7-09 93 EEE GM 1/93 UDC +2.56
PTA +1724M +54E +56P +2.84T
PTAS +201CY +207 +208 99R
PTA% 99R 1/93 -04 +.02 1/93
D/AV 22497 811 703 84.2

GGG GOLD-STAR FANNY +632
11796619 CTPI
7-08 92 EEEE 2E UDC +1.33

PTA -143M +56E +13P +1.23T
PTAS +135CY +31 +56 64R
PTA% 56R 1/93 +.32 +.09 1/93

PPA +1127M +228E +79P

GGG BLACKSTAR FEN +900
2141734 PTPI

PTA +55E +35P +2.04T
PTAS # # 41R#
PTA% 39R 1/93 1/93

AMESMAR LEADER GARLA +783
14315026 PTPI
2-04 74 GVCF

PTA +23E +42P +1.23T
PTAS # # 38R#
PTA% 37R 1/93 1/93

DHIR				%	FAT	%	PRT
2-03	2	339	17810	4.6	819	3.2	570
3-03	2	305	22210	4.3	926	3.4	752
4-06	2	305	24320	4.3	1047	3.5	845
5-06	2	305	25730	4.5	1145	3.6	852
6-07	2	305	23150	4.3	1000	3.5	811
			24780	4.4	1089	3.6	882
			29700	4.5	1065	3.3	779
			26940	4.5	1223	3.3	891
LIFE	1837	121420	4.5	5422	3.4	4121	

KINGLEA LEADER *RC*TL +1055
1926780 TPI
7-02 85 +VV GM 1/93 UDC +1.77
PTA +2086M +41E +64P +1.59T
PTAS +188CY +231 +227 93R
PTA% 97R 1/93 -16 +.00 1/93
D/AV 21555 750 670 81.1

AMESMAR CHAIRMAN CARRIE +508
13060082 CTPI
4-06 83 +VV+ UDC +.72

PTA +568M +4E +20P +.87T
PTAS +41CY +57 +60 58R
PTA% 51R 1/93 -.08 +.01 1/93

PPA +1853M +19E +42P

DHI				%	FAT	%	PRT
2-03	2	305	17250	3.4	589	3.2	557
3-03	2	305	16560	3.3	553	3.3	552
4-03	2	305	21360	3.4	714	3.1	660

*TL TESTED FREE OF BLAD

05 0006 0 03/10/93 CE3069014

Holstein Association

Dairy Cattle Career Development Event

IA-2001

2001 Dairy Cattle CDE

Answer: Objective Test – 2 pts. Each

1. B
2. C
3. D
4. B
5. A
6. B
7. B
8. C
9. D
10. D
11. C
12. C
13. A
14. D
15. B
16. D
17. B
18. B
19. C
20. C
21. D
22. C
23. B
24. B
25. B

Answer: DHIA Questions – 5 pts. Each

26. C
27. D
28. B
29. B
30. B

Answer: Problem Solving – 5 pts. Each

31. B
32. B
33. B
34. A
35. C

Answers: Sire Evaluation Questions – 5 pts. each

36. A
37. B
38. C
39. B
40. D

Answers: Pedigree Questions – 5 pts. each

41. C
42. B
43. C
44. B
45. C

Pedigree Placing

4-1-2-3 (Cuts of 2-3-4)