

13. What is the period called that a cow carried a calf?
a. Gestation b. Lactation c. Parturition d. Rumination
14. In 2016 how many dairy farms were there in the United States?
a. 36,780 b. 39,822 c. 41,809 d. 44,963
15. The first milk secreted after calving is called _____.
a. Clostridia b. Collagen c. Coliform d. Colostrum
16. When artificially inseminating, what part of the reproductive tract is the target for depositing semen?
a. Ovary b. Oviduct c. Uterine body d. Vulva
17. When a calf is born, its body is approximately what percent water?
a. 10% b. 30% c. 50% d. 70%
18. Select Sires Inc acquired the assets of what artificial insemination company in July, 2017?
a. ABS Global b. Accelerated Genetics
c. CRI/Genex d. Alta Genetics
19. Milk fever is a major cause of cows going down. What mineral deficiency most commonly causes it?
a. Calcium b. Iron c. Magnesium d. Zinc
20. Which of the following is an ovarian cyst?
a. Follicular b. Viral c. Pituitary d. Pancreatic
21. What are two main factors that dictate dry matter intake?
a. Breed/time of year b. Milk yield/body size
c. Milk yield/stage of lactation d. Milk yield/time of year
22. Which of the following hormones is not directly associated with reproduction:
a. Adrenaline b. Estrogen c. Progesterone d. Testosterone
23. At birth, which stomach area is the largest in the calf?
a. Abomasum b. Omasum c. Rumen d. Reticulum
24. What is the name of the process where warm milk is forced through tiny holes in order to break the fat particles into tiny pieces?
a. Pasteurization b. Homogenization c. Fertilization d. Conception
25. Poisoning that can result in asphyxiation/death in cattle is caused by cyanogenic glucosides from sorghum forages during digestion in the rumen is called?
a. Prussic acid poisoning b. Weed poisoning
c. Wisteria poisoning d. Yew poisoning

34. What is the component value of a hundredweight of milk if the farm produces 525,500 pounds of milk with the following:

Components		\$Basis Milk Value
Butterfat	4.93%	1.636
Protein	4.29%	3.796
Solids	5.89%	.0816
SCC	250,000	.43

- a. \$24.56 b. \$24.91 c. \$25.01 d. \$25.26

35. You purchased the following hay at the Rock Valley Hay Auction. Which hay costs the most per pound of protein?

			%protein
Large round 1st cutting Alfalfa	58,440 lbs.	\$110.00/ton	18.5
Large round 2nd cutting Grass	50,940 lbs.	\$87.00/ton	15.5
3x3 bales 2nd cutting Alfalfa	30,720 lbs.	\$94.00/ton	17.1
Small square 1st cutting Alfalfa	15,200 lbs.	\$115.00/ton	19.2

- a. Large round 1st cutting Alfalfa b. Large round 2nd cutting Grass
 c. 3x3 bales 2nd cutting Alfalfa d. Small square 1st cutting Alfalfa

Sire Evaluation Questions -- 5 pts each

Refer to **Appendix B** to answer the following questions.

36. What bull should be considered if you want to raise the type score of the daughters?

- a. Seagull-Bay Supersire - ET b. Kings-Ransom R Racket - ET
 c. Co-op Robust Cabriolet - ET d. Eildon-Tweed Chops - ET

37. What factor would put Uecker Supersire JoSuper - ET on the top of the list?

- a.UDC b. PL c. TPI d. Milk production

38. Which bull has a problem with feet and legs?

- a. S-S-I Mogul Reflector b. S-S-I Supersire Ballgame - ET
 c. DE-SU SS Honeybee 11569 - ET d. Har-Dale -Acres-JP Altacr - ET

39. Which sire would increase the combined fat and protein totals the most?

- a.Co-op Robust Cabriolet - ET b.Uecker Supersire JoSuper - ET
 c.De-Su Rookie 11057 - ET d. Sandy - Valley Gram - ET

40.What factor has put Mr. Mogul Delta 1427 - ET on the top of the list?

- a. Milk b. PTAT c. UDC d. TPI

Pedigree Questions -- 5 pts each

Refer to **Appendix C (Heifer pedigrees)** to answer the following questions.

- #1 Lot 18 Chupps Farm Royal Addison
- #2 Lot 27 Stil Dreamn Vinny Blaze
- #3 Lot 35 DixLee Royce French Eclair
- #4 Lot 37 Coulee Crest Ernie Danielle ET

41. Which heifer is the youngest?
a. #1 b. #2 c. #3 d. #4
42. Which heifer lacks production information from her dam?
a. #1 b. #2 c. #3 d. #4
43. Which heifer sells as a summer yearling?
a. #1 b. #2 c. #3 d. #4
44. What is the biggest advantage of the dam of heifer #2?
a. Show ring winnings b. Increasing production records as she gets older
c. Tall in stature d. High dollar values for CM and NM
45. What is the name of the maternal grandmother of heifer #3?
a. Dix Lee Challenge Ozzy b. Dix Lee Ozzy French Pie
c. Villa Crest Wynn Riona d. Gr-Dix Lee Jester Frenches

46. Phase E -- Pedigree Evaluation

Refer to **Appendix C** (Heifer Pedigrees) to rank the animals based on their pedigree and indicate your ranking on the answer sheet.

- #1 Lot 18 Chupps Farm Royal Addison
- #2 Lot 27 Stil Dreamn Vinny Blaze
- #3 Lot 35 DixLee Royce French Eclair
- #4 Lot 37 Coulee Crest Ernie Danielle ET

47. Phase F -- Sire Evaluation

You are a Holstein dairy producer who wants cows that have good, well-attached udders, sound feet and legs and a long productive life as these cows do best in your system. Furthermore, you prefer cows with high production and high combined fat and protein. You want to have a few heifers to show. You currently have a large group of breeding age heifers that you would like to breed to the same bull with the hope of being one of the first dairy producers to have several milking daughters on the next "hot" bull. Consequently, you want to use one of the following four sires who only have a genomic proof. Using **Appendix D** which sire should be your first, second, third and fourth choice to use on these heifers.

#1 Bubba

#2 Duke

#3 Jedi

#4 Lord

48. Phase G -- Culling Class

You milk in a tie-stall barn and want to keep a milking cow in every stall and not have to shift cows in and out to get them all milked. All dry cows are housed elsewhere. You sell high volumes of high quality milk with emphasis on reproductive efficiency. You had a first-calf heifer freshen this morning and you want to cull one of the following four cows to make room for this fresh heifer. Use the attached DHI-103 Cow Pages (**Appendix E**) to place the cows in the order that you would cull them from your herd. The first cow you would cull should be ranked #1 and the last cow you would cull should be ranked #4.

#1 Index 9371

#2 Index 9398

#3 Index 9622

#4 Index 9765

Appendix A

HERD SUMMARY
 Samples at Lab 07-12-2017
 Processed 07-13-2017

42-77-0074
 IO STATE DAIRY
 JOE DETRICK

DHI-202

Breed	HO	Type Test	DHI-APCS	Assoc.	400	Supv.	97	String	1
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Production, Income & Feed Cost Summary

Total Cows	Daily Average per Cow on Test Day	Rolling Yearly Herd Averages
	408	400.7
Cows in Milk	Number	358
	%	88
Milk Lbs (All Cows)	Number	360.6
	%	90
Fat Lbs (All Cows)	Number	67.8
	%	25409
Protein Lbs (All Cows)	Number	2.41
	%	943
Protein %	Number	3.6
	%	3.7
Milk Lbs (Milking Cows)	Number	2.10
	%	802
Silage	Number	3.1
	%	3.2
Other Succulents or Blended Rations	Number	77.3
	%	All Cows
Dry Forage	Number	Lbs Consumed
	%	%ENE
Other Feeds	Number	Lbs Consumed
	%	%ENE
Pasture	Number	Lbs Consumed
	%	%ENE
Concentrates	Number	Lbs Consumed
	%	%ENE
Value of Product \$	Number	12.69
	%	11.07
Cost of Concentrates \$	Number	4443
	%	
Total Feed Cost \$	Number	
	%	
Income Over Feed Cost \$	Number	
	%	
Feed Cost per CWT Milk \$	Number	
	%	
Milk Blend Price	Number	
	%	

Reproductive Summary Of Current Breeding Herd

Total Cows Breeding Herd	97
	Voluntary Waiting Period (VWP)
Days to 1st Service	75
	Days to 1st Service
Cows With No Service Dates or Diag. Open	Open VWP to 100 Days
	25
Cows Bred But Not Diag. Preg.	Open VWP to 100 Days
	26
Days Open at Last Service	Under VWP
	22
Over 130 Days	Over 101 to 130 Days
	23
Number Cows	Number Cows
	9
% of Breeding Herd	% of Breeding Herd
	9

Reproductive Summary Of Total Herd

Services per Pregnancy	Preg. Cows
	1.8
Projected Minimum	Calving Interval
	12.6
Days Open	Days Open
	103
Heat Interval	Interval Length
	31
Number Intervals	Number Intervals
	97
Other	Other
	155
Abortions	This Test
	2
Actual	Actual
	1
Apparent	Apparent
	19

Birth Summary

Days Open at 1st Service	Number Under VWP
	124
Number Over 100	Number Over 100
	2
Days to 1st Service	Days to 1st Service
	74
Preg. Cows	Preg. Cows
	2.2
All Cows	All Cows
	2.7
Current Actual Calving Interval	Current Actual Calving Interval
	12.9
Calving Interval	Calving Interval
	13.2
Days Open	Days Open
	114
Other	Other
	111
Current Actual Calving Interval	Current Actual Calving Interval
	12.6

Birth Summary

Males	Alive
	33
Females	Alive
	119
Total	Total
	154
Dead	Dead
	5
Calving Difficulty Score	1
	2
4-5	4-5
	3
%4-5	%4-5
	2
Nov	Nov
	364
Dec	Dec
	346
Jan	Jan
	338
Aug	Aug
	357
Sep	Sep
	359
Oct	Oct
	57
Nov	Nov
	56
Dec	Dec
	72
Jan	Jan
	29
Feb	Feb
	24
Mar	Mar
	28
Apr	Apr
	16
May	May
	10
Jun	Jun
	29

Cows To Be Milking, Dry, Calving By Month

Aug	357
	358
Sep	359
	359
Oct	57
	56
Nov	72
	72
Dec	29
	24
Jan	16
	10
Feb	10
	10
Mar	36
	36
Apr	10
	10
May	2
	2
Jun	2
	2

Yearly Reproductive Summary

Test Date	9-01-16
	10-04-16
Conception Rate	16
	21
Number Services	109
	80
Number Confirm Preg	16
	19
Number Calving	36
	26
Total Preg Cows	174
	168
Preg Rate	13
	16
Number Services	75
	26
Number Confirm Preg	26
	36
Number Calving	209
	209
% Heats Obs.	50
	57
Conception Rate	16
	21
Number Services	109
	80
Number Confirm Preg	16
	19
Number Calving	36
	26
Total Preg Cows	174
	168
Preg Rate	13
	16
Number Services	75
	26
Number Confirm Preg	26
	36
Number Calving	209
	209
% Heats Obs.	50
	57
Conception Rate	16
	21
Number Services	109
	80
Number Confirm Preg	16
	19
Number Calving	36
	26
Total Preg Cows	174
	168
Preg Rate	13
	16
Number Services	75
	26
Number Confirm Preg	26
	36
Number Calving	209
	209

Miscellaneous Herd Information

Sum of Test Day Wts	27473
	27344
Reported Avg. Daily Bulk Tank Wts	27473
	27344
% Deviation	1st
	2nd
Milk Blend Price	3rd
	4:08am

Remarks:

Cows milked 3 times daily for all or part of this yearly period.

Electronic Meters

Milk Blend Price	Per CWT
	11.07
Value of Product \$	Per CWT
	4443
Cost of Concentrates \$	Per CWT
	27344
Total Feed Cost \$	Per CWT
	27344
Income Over Feed Cost \$	Per CWT
	27344
Feed Cost per CWT Milk \$	Per CWT
	27344

Identification and Genetics (Genetic Data Source: CDCB)

Age Group	Number Animals	Avg. Age (Yr-Mo)	Num. Ident. By		No. Animals with Merit \$	Average Merit \$		Sire	Herd Merit \$ Option	Genetic Profile of Service Sires					
			Sire	Dam		Animal	Progeny Tested			A.I. Genomic Tested	All Other A.I. Bulls	Non A.I. Bulls			
0-12	258	0-06	258	258	258	+460	+666		NM						
13+	167	1-05	167	167	167	+411	+617								
Replacements	425	0-10	425	425	425	+440	+646								
1st Lact	174	1-10	174	174	174	+376	+581								
2nd Lact	113	2-11	113	113	113	+279	+468								
3+ Lacts	121	4-08	120	118	121	+170	+274								
All Lacts	408	3-00	407	405	4	+286	+459								
% Identified (Producing Females)										100	99				
% of Heifers Age Over 30 Months										99					
% of Heifers Bred to										1	21				
Number of Bulls Used										+320	+805	+0			
Average Merit \$															
Avg. Percentile Rank (Net Merit)										40	98				

Stage of Lactation Profile

	Stage of Lactation (Days)					Total or Average
	1-40	41-100	101-199	200-305	306+	
1st Lact	11	24	59	38	22	154
2nd Lact	14	8	34	27	15	98
3+ Lacts	16	10	33	27	18	104
All Lacts	41	42	126	92	55	356
1st Lact	65	80	79	72	59	74
2nd Lact	101	117	98	63	52	83
3+ Lacts	84	105	85	69	52	77
All Lacts	85	93	86	68	55	77
1st % Fat	4.0	3.9	3.8	3.8	3.9	3.8
2nd % Fat	3.2	3.0	3.2	3.2	3.5	3.2
3+ % Fat	3.6	3.2	3.1	3.5	4.0	3.4
1st % Pro	2.9	2.7	3.0	3.3	3.5	3.1
2nd % Pro	4.2	3.5	3.4	3.7	3.7	3.7
3+ % Pro	3.0	2.8	3.1	3.1	3.4	3.1
All % Fat	3.9	3.7	3.5	3.7	3.9	3.7
All % Pro	3.0	2.9	3.1	3.2	3.5	3.2
1st Lact	221	50	435	89	74	231
2nd Lact	409	326	388	677	481	454
3+ Lacts	512	947	837	477	179	636
All Lacts	410	356	525	360	211	414
Number	11	6	38	19	10	84
Percent	27	14	30	21	18	23

Production By Lactation Summary

	Number of Cows	Avg. Age (Mo)	Peak Milk	Proj 305 Day ME			Difference From Herdmates			Avg. Body Wt			
				Milk	Pro	Fat	Milk	Fat	Pro	0,1,2,3	4	5	6
1st Lact	174	22	87	83	25250	961	+1528	+68	+53	1210	142,000	284,000	566,000
2nd Lact	113	35	112	108	26662	936	+2321	+28	+58	1330	283,000	565,000	566,000
3+ Lacts	121	56	112	107	22823	867	-1409	-42	-39	1460	81	8	3
All Lacts	408	36	102	97	24941	928	+916	+25	+28	1320	61	14	4
Herd Production Lost From SCC This Test Period										58	11	5	7
Milk										69	11	4	4
Dollars (\$)										15466			
Dollars (\$)										2625			

Production By Lactation Summary

	Number of Cows	Avg. Age (Mo)	Peak Milk	Proj 305 Day ME			Difference From Herdmates			Avg. Body Wt			
				Milk	Pro	Fat	Milk	Fat	Pro	0,1,2,3	4	5	6
1st Lact	174	22	87	83	25250	961	+1528	+68	+53	1210	142,000	284,000	566,000
2nd Lact	113	35	112	108	26662	936	+2321	+28	+58	1330	283,000	565,000	566,000
3+ Lacts	121	56	112	107	22823	867	-1409	-42	-39	1460	81	8	3
All Lacts	408	36	102	97	24941	928	+916	+25	+28	1320	61	14	4
Herd Production Lost From SCC This Test Period										58	11	5	7
Milk										69	11	4	4
Dollars (\$)										15466			
Dollars (\$)										2625			

Production By Lactation Summary

	Number of Cows	Avg. Age (Mo)	Peak Milk	Proj 305 Day ME			Difference From Herdmates			Avg. Body Wt			
				Milk	Pro	Fat	Milk	Fat	Pro	0,1,2,3	4	5	6
1st Lact	174	22	87	83	25250	961	+1528	+68	+53	1210	142,000	284,000	566,000
2nd Lact	113	35	112	108	26662	936	+2321	+28	+58	1330	283,000	565,000	566,000
3+ Lacts	121	56	112	107	22823	867	-1409	-42	-39	1460	81	8	3
All Lacts	408	36	102	97	24941	928	+916	+25	+28	1320	61	14	4
Herd Production Lost From SCC This Test Period										58	11	5	7
Milk										69	11	4	4
Dollars (\$)										15466			
Dollars (\$)										2625			

Production By Lactation Summary

	Number of Cows	Avg. Age (Mo)	Peak Milk	Proj 305 Day ME			Difference From Herdmates			Avg. Body Wt			
				Milk	Pro	Fat	Milk	Fat	Pro	0,1,2,3	4	5	6
1st Lact	174	22	87	83	25250	961	+1528	+68	+53	1210	142,000	284,000	566,000
2nd Lact	113	35	112	108	26662	936	+2321	+28	+58	1330	283,000	565,000	566,000
3+ Lacts	121	56	112	107	22823	867	-1409	-42	-39	1460	81	8	3
All Lacts	408	36	102	97	24941	928	+916	+25	+28	1320	61	14	4
Herd Production Lost From SCC This Test Period										58	11	5	7
Milk										69	11	4	4
Dollars (\$)										15466			
Dollars (\$)										2625			

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		Cows Entered	Cows Left	Cows			Udder	Died	Not Rptd
			<40	40-70			>70	Num.	%			
1	113	59	2	108	3	1	10	2				
2	121	49	16	97	8	4	1	18	8			
3+	234	54	18	205	11	11	3	50	17			
All						172	43	179	45	9	3	78
% Left Herd For Involuntary Reasons										42		

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		Cows Entered	Cows Left	Cows			Udder	Died	Not Rptd
			<40	40-70			>70	Num.	%			
1	113	59	2	108	3	1	10	2				
2	121	49	16	97	8	4	1	18	8			
3+	234	54	18	205	11	11	3	50	17			
All						172	43	179	45	9	3	78
% Left Herd For Involuntary Reasons										42		

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		Cows Entered	Cows Left	Cows			Udder	Died	Not Rptd
			<40	40-70			>70	Num.	%			
1	113	59	2	108	3	1	10	2				
2	121	49	16	97	8	4	1	18	8			
3+	234	54	18	205	11	11	3	50	17			
All						172	43	179	45	9	3	78
% Left Herd For Involuntary Reasons										42		

Weighted SCC ACT (Nearest 1,000)

Test Date	Days In Test Period	Number Cows In Herd On Test Day	Test Day Averages (Milkling Cows)	Test Day Averages (All Cows)	Rolling Yearly Herd Average	Test Period Persist. Index	150 Day Milk	Added	Dropped
9-01-16	35	415	DIM 189	Milk 79.8	87.8	108	84.3	185	18
10-04-16	43	400	185	74.4	83.2	96	77.1	191	19
11-09-16	33	387	191	73.8	83.0	100	80.8	181	17
12-14-16	36	375	181	77.0	85.6	101	79.4	179	14
1-18-17	35	394	174	77.1	82.7	104	80.8	174	13
2-21-17	34	418	170	79.4	84.4	104	85.7	196	16
3-29-17	36	409	181	80.8	85.7	102	84.9	196	14
5-03-17	35	407	194	78.2	84.9	99	86.0	196	9
6-06-17	34	408	196	78.6	86.0	101	86.0	196	9
7-12-17	36	408	196	77.3	86.0	102	86.0	196	9
Averages	36	399	185	77.1	84.3	100	84.3	185	136

Yearly Production and Mastitis Summary

Test Date	Days In Test Period	Number Cows In Herd On Test Day	Test Day Averages (Milkling Cows)		Test Day Averages (All Cows)		Rolling Yearly Herd Average		Somatic Cell Count Summary			Number Left Herd					
			DIM	Milk	% In Milk	% Fat	% Pro	Milk	Fat	0,1,2,3	4	5	6	MUN	Died	Sold	
9-01-16	35	415	189	79.8	89	3.6	3.0	25509	902	783	68	14	9	4	5	2	4
10-04-16	43	400	185	74.4	88	4.0	3.0	25484	915	783	65	16	7	4	7	3	9
11-09-16	33	387	191	73.8	89	3.3	3.1	25431	916	782	68	13	7	5	7	2	23
12-14-16	36	375	181	77.0	92	3.9	3.2	25431	914	783	67	11	10	4	8	3	12
1-18-17	35	394	174	77.1	87	3.5	3.2	25389	913	783	68	13	7	5	7	2	24
2-21-17	34	418	170	79.4	88	3.9	3.2	25262	911	781	73	12	5	4	5	2	14
3-29-17	36	409	181	80.8	95	3.7	3.2	25251	917	782	75	11	5	4	5	3	13
5-03-17	35	407	194	78.2	93	3.7	3.1	25369	932	791	72	11	5	5	8	6	18
6-06-17	34	408	196	78.6	88	3.7	3.2	25383	938	796	75	8	6	5	7	3	14
7-12-17	36	408	196	77.3	88	3.6	3.1	25409	943	802	69	11	4	4	12		

Appendix B

HOLSTEIN ASSOCIATION HIGH RANKING SIRE REPORT - August 2017

Bulls must have a Minimum of 80% Traditional U.S. Reliability OR 85% Genomic Reliability for Production and Type. No requirement for Semen Status.

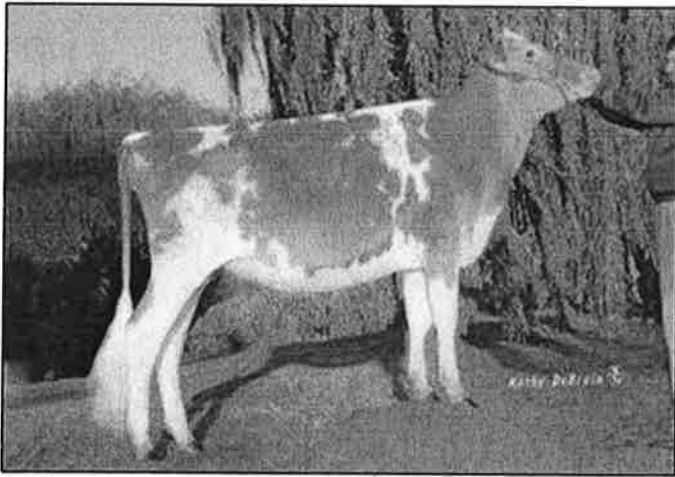
NAME	% RHA	NAAB	SIRE/MGS	PRODUCTION				HEALTH			CONFORMATION									
				Pro	Fat	Milk	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC	FLC	BWC	TPI	
● MR MOGUL DELTA 1427-ET	TC TV	100-NA	203HO01468	MOGUL x ROBUST	57	97	1817	219	98	2.79	8.0	86	0.7	3.8	1.95	95	2.51	1.41	-1.42	2849G
BACON-HILL MONTROSS-ET UECKER	TR TP	100-NA	7HO12165	MOGUL x BOLTON	91	87	3074	237	99	3.05	5.2	87	-1.2	0.9	2.09	98	2.48	1.42	-0.42	2773G
● SUPERSIRE JOSUPER-ET	TC TV	99-I	29HO17553	SUPERSIRE x BEACON	91	104	3129	238	98	2.92	5.9	86	1.1	0.9	1.21	94	0.83	-0.02	1.10	2728G
EDG RUBICON-ET	TC TV	100-NA	151HO00681	MOGUL x ROBUST	48	107	1243	197	96	2.91	6.9	85	0.8	2.6	1.75	93	1.44	2.30	0.83	2723G
WOODCREST MOGUL YODER-ET	TR TP	100-NA	7HO12266	MOGUL x PLANET	49	101	1235	209	98	2.98	6.7	87	0.5	2.3	1.82	95	2.13	1.64	-0.57	2710G
● HAR-DALE-ACRES-JP ALTACR-ET	TR TP	100-NA	11HO11434	MOGUL x TRIGGER	39	88	631	182	98	2.92	6.2	86	1.6	3.0	1.64	91	2.71	2.00	-0.38	2670G
CO-OP UPD HUNTER SALVINO	TV TL	100-NA	1HO11022	HUNTER x MASSEY	71	105	1618	246	99	3.00	2.9	87	-3.4	2.5	1.28	94	1.51	-0.10	-0.31	2649G
SEAGULL-BAY SILVER-ET	TC TV	100-NA	29HO17573	MOGUL x SNOWMAN	60	91	1572	200	96	2.85	4.7	86	-1.8	-0.3	2.33	93	2.60	2.21	0.29	2637G
WESTENRADE ALTASPRING	TR TP	99-I	11HO11437	MOGUL x GERARD	56	72	1406	163	95	2.97	4.3	84	-1.6	2.2	2.30	86	2.78	1.79	0.98	2622G
CO-OP DAY TUFFENUFF-ET	TV TL	99-I	1HO11426	DAY x PLANET	73	75	2521	196	98	2.69	5.6	87	1.8	0.5	1.62	90	1.92	-0.04	-0.39	2602G
● SEAGULL-BAY SUPERSIRE-ET	TR TP	100-NA	7HO11351	ROBUST x PLANET	66	103	2101	220	99	2.82	6.8	98	1.8	0.5	0.96	99	0.68	0.02	0.09	2600G
BACON-HILL MONTY-ET	TR TP	100-NA	14HO07347	MOGUL x BOLTON	60	94	2085	212	93	2.89	4.5	86	-1.4	-0.1	1.55	91	2.17	1.73	-1.14	2591G
DE-SU 11228 TOPSY-ET	TC TV	99-I	29HO16667	BOOKEM x WATSON	62	81	1387	186	99	2.69	5.0	86	-0.9	-0.2	1.97	94	1.59	1.51	1.01	2579G
MYR-MATT MOGUL PLATINUM	TV TL	100-NA	1HO11096	MOGUL x SUPER	49	72	1453	160	96	2.77	5.9	85	-0.3	2.7	1.95	90	1.62	1.69	0.08	2579G
ROYLANE BOOKEM BOB 5170-ET	TR TP	99-I	7HO11752	BOOKEM x O MAN	56	73	735	181	98	3.00	4.4	90	-0.1	2.7	1.89	95	1.80	0.91	0.66	2578G
● S-S-I MOGUL REFLECTOR	TR TP	99-I	7HO12105	MOGUL x SUPER	68	45	1598	145	99	2.78	6.6	87	0.9	2.5	1.83	95	1.43	1.48	1.20	2572G
● CO-OP ROBUST CABRIOLET-ET	TC TV	99-I	1HO10396	ROBUST x PLANET	49	97	914	222	99	2.93	7.1	96	3.5	2.2	0.13	98	0.70	0.21	-1.57	2570G
UNITED-PRIDE MOGUL MAGNATE	TC TV	98-I	1HO11097	MOGUL x FREDDIE	59	64	1812	152	95	3.03	5.0	83	-1.4	1.6	2.12	85	2.43	2.07	0.90	2567G
VIEW-HOME MONTEREY-ET	TC TV	99-I	29HO16955	MCCUTCHEN x ROBUST	38	52	773	119	97	2.95	6.1	86	0.9	1.8	3.34	96	2.81	2.18	0.59	2561G
COASTAL-VIEW MOOKIE-ET	TR TP	100-NA	14HO07328	MOGUL x OBSERVER	30	102	177	186	96	2.96	5.2	85	0.4	1.8	1.59	92	2.21	1.28	-0.03	2559G
LONE-OAK-ACRES ALTAROBLE-ET	TR TP	100-NA	11HO11380	MOGUL x OBSERVER	34	40	1021	97	97	2.71	6.5	86	0.2	3.7	2.77	94	3.13	1.92	0.10	2559G
S-S-I SNOWMAN MAYFLOWER-ET	TR TP	100-NA	7HO11621	SNOWMAN x SOCRATES	81	58	2613	180	99	2.74	5.4	90	4.0	1.4	0.95	97	0.72	1.03	0.28	2559G
S-S-I EPIC MIDNIGHT-ET	TR TP	100-NA	7HO11946	EPIC x SOCRATES	44	56	986	137	99	2.72	8.6	88	4.3	4.3	0.72	95	1.49	0.65	0.15	2556G
WINNING-WAY MOONRAKER	TC TV	100-NA	29HO16962	MOGUL x ALTABAXTER	44	79	1250	173	96	3.03	6.0	85	-0.2	1.5	1.95	90	2.33	1.63	-0.75	2553G
MR OCD ROBUST DONATELLO-ET	TR TP	100-NA	7HO11525	ROBUST x PLANET	48	73	1161	180	99	2.86	5.5	93	2.5	3.0	1.05	97	1.19	0.96	-1.15	2551G
EDG SKATEBOARD-ET	TR TP	100-NA	200HO06530	NUMERO UNO x RUSSELL	23	101	242	166	95	2.56	4.3	86	1.2	2.8	1.70	93	1.77	0.58	0.29	2549G
REGANCREST BRIGHAM-ET	TR TP	100-NA	200HO10079	NUMERO UNO x DORCY	19	47	655	76	92	2.74	7.5	80	1.1	4.7	2.83	87	2.96	1.74	0.72	2549G
● DE-SU ROOKIE 11057-ET	TR TP	99-I	7HO11708	BOOKEM x BRONCO	44	82	1070	174	95	2.71	6.0	87	1.6	1.4	1.76	92	1.46	1.09	-0.26	2548G
SANDY-VALLEY SALOON-ET	TR TP	100-NA	200HO02792	ALTAIOTA x PLANET	76	90	2300	200	98	3.01	1.1	92	-1.2	-0.3	2.72	97	1.23	1.01	1.67	2546G
S-S-I BOOKEM MORGAN-ET	TR TP	99-I	7HO11383	BOOKEM x SHOTTLE	54	64	1577	154	99	2.81	6.6	93	2.2	2.7	1.51	97	1.20	1.01	0.33	2545G
RICHMOND-FD EL BOMBERO-ET	TR TP	100-NA	200HO03950	NUMERO UNO x SUPER	35	62	1505	108	99	2.52	7.8	86	0.7	3.3	1.91	98	1.94	0.30	0.95	2543G
● S-S-I SUPERSIRE BALLGAME-ET	TR TP	100-NA	7HO11986	SUPERSIRE x ALTAROSS	72	93	2256	218	92	2.74	6.4	85	1.3	0.5	1.06	87	0.00	-0.90	-0.05	2543G

8/29/2017

Appendix B

High Ranking Sire

● SANDY-VALLEY GRAM-ET	TR TP	100-NA	200HO09137	MOGUL x ALTAIOTA	35	84	998	160	92	3.02	4.6	85	0.0	2.3	2.23	89	2.00	2.18	-0.25	2536G
LARCREST COMMANDER-ET	TC TV	99-I	29HO16909	MOGUL x OBSERVER	51	80	1204	176	95	2.90	3.5	85	-2.0	1.0	2.46	93	2.36	1.16	0.30	2530G
● KINGS-RANSOM R RACKET-ET	TR TP	100-NA	7HO11519	ROBUST x MANGO	52	69	981	175	95	2.94	6.1	87	5.3	1.5	0.83	92	1.25	1.58	-0.32	2524G
CO-OP DAY TWINKIE-ET	TC TV	99-I	1HO11425	DAY x PLANET	58	73	2226	175	97	2.75	6.4	87	2.1	2.3	1.14	91	1.59	-0.56	-0.78	2523G
● EILDON-TWEED CHOPS-ET	TR TP	100-NA	14HO07337	MOGUL x MAN-O-MAN	41	71	822	159	92	3.10	2.7	85	-2.4	2.0	2.45	89	2.97	2.28	-0.31	2523G
CO-OP MOGUL LAWMAN-ET	TC TV	100-NA	1HO11545	MOGUL x MAN-O-MAN	61	71	1357	180	98	2.81	3.0	87	-3.7	1.1	1.88	92	1.65	2.01	0.33	2522G
● DE-SU SS HONEYBEE 11569-ET	TR TP	99-I	7HO12212	SUPERSIRE x BOOKEM	52	77	1489	164	97	2.83	5.7	85	1.5	1.0	1.66	92	1.36	0.53	0.63	2520G
S-S-I SUPERSIRE TETRIS-ET	TR TP	99-I	7HO11985	SUPERSIRE x DOMAIN	63	90	2040	202	92	2.80	6.2	86	2.2	0.1	0.75	88	1.03	-0.05	-0.15	2520G
MR DELICIOUS LIONEL-ET	TR TP	99-I	200HO10034	MCCUTCHEN x ROBUST	55	68	1899	167	90	2.82	4.9	78	0.1	1.2	1.87	85	1.48	1.32	-0.63	2519G
S-S-I STERLING DAMARIS-ET	TR TP	99-I	7HO13093	STERLING x BOOKEM	51	50	1525	143	95	2.90	9.1	85	1.7	2.4	1.78	90	1.36	1.97	-0.62	2517G
S-S-I UNO DESIGN DUVAL-ET		100-NA	7HO13003	NUMERO UNO x ROBUST	28	72	436	139	92	2.71	6.7	85	0.9	3.0	1.77	87	1.81	1.54	-0.03	2517G
EILDON-TWEED SSR BELAIR-ET	TR TP	99-I	14HO07418	SUPERSIRE x BOOKEM	55	72	1416	162	91	3.05	5.4	80	1.5	1.6	1.93	85	1.29	1.61	0.90	2516G
S-S-I MOGUL MULTIPLY-ET	TR TP	99-I	7HO11915	MOGUL x ROBUST	23	56	25	109	94	2.76	7.2	86	1.2	3.5	1.27	92	2.45	2.87	0.59	2516G
S-S-I SHAMROCK MYSTIC-ET	TR TP	100-NA	7HO11395	SHAMROCK x SHOTTLE	42	61	1071	140	95	2.74	7.6	87	5.1	5.3	0.62	91	0.29	-0.24	0.03	2516G
SPRUCE-HAVEN STOIC-ET	TC TV	99-I	1HO11048	EPIC x TRIGGER	60	40	1461	142	99	2.66	7.9	87	2.6	1.0	1.58	94	2.12	1.18	-0.11	2512G
MAPEL WOOD BREWMASTER-ET	TR TP	100-NA	250HO01009	GARRETT x SHOTTLE	35	99	910	172	97	2.73	3.5	89	-0.6	2.0	1.64	94	1.11	1.11	0.51	2511G
BACON-HILL MAGUIRE-ET	TR TP	100-NA	7HO12256	SUPERSIRE x BOLTON	59	104	1513	210	94	2.82	3.9	85	0.6	-1.6	1.62	90	1.12	0.65	0.83	2508G
EDG BLACKGOLD-ET	TC TV	100-NA	29HO17550	NUMERO UNO x ROBUST	48	77	1107	176	93	3.09	5.3	85	0.8	2.3	1.70	89	1.03	1.67	-0.35	2506G
MORNINGVIEW MCC KINGBOY-ET	TR TP	99-I	7HO12198	MCCUTCHEN x SUPER	42	47	1403	87	99	2.67	4.8	87	-0.9	1.9	3.26	99	2.49	1.34	2.29	2506G
ROYLANE SOCRA ROBUST-ET	TR TV	100-NA	7HO10524	SOCRATES x O MAN	43	72	931	171	99	2.97	6.6	99	4.0	2.1	0.71	99	1.23	1.60	-1.01	2506G
MOUNTFIELD SSI DCY MOGUL-ET	TR TP	100-NA	7HO11314	DORCY x MARSH	40	79	1220	161	99	2.98	4.1	89	-3.9	0.3	2.22	99	3.08	2.35	-0.40	2504G
DE-SU LTM PONDER 11345-ET	TV TL	100-NA	7HO12021	LITHIUM x RUSSELL	36	40	1303	90	99	2.80	8.9	87	4.4	6.9	-0.06	94	0.72	0.39	0.60	2499G
DE-SU 11236 BALISTO-ET	TC TV	99-I	29HO16714	BOOKEM x WATSON	64	75	866	201	99	2.70	4.5	88	-1.2	-0.7	1.52	98	1.03	1.54	0.33	2498G
LADYS-MANOR GRAF LA-BRON-ET	TC TV	99-NA	29HO16701	GRAFEETI x SUPER	47	69	1031	161	99	2.72	5.2	86	2.4	2.4	1.05	97	1.38	1.02	-0.46	2498G
FARNEAR-BH MR MCGIRT-ET	TR TP	100-NA	7HO12131	MOGUL x DOMAIN	51	75	1974	136	96	2.84	3.7	87	-2.5	1.0	1.72	92	1.95	1.99	1.81	2497G
CO-OP DAY TAURINO-ET	TC TV	99-I	1HO11427	DAY x PLANET	36	70	886	149	98	2.81	6.5	87	1.3	2.0	1.67	91	2.62	0.85	-0.48	2495G
DE-SU MGL GARZA 11388-ET	TR TP	100-NA	7HO12024	MOGUL x PLANET	34	61	916	111	95	2.83	4.9	87	0.2	1.8	2.21	93	2.61	2.07	1.33	2493G
CO-OP AVENGER-ET	TC TV	100-NA	1HO11889	SUPERSIRE x SUPER	23	53	437	71	95	2.63	9.4	83	4.2	5.2	1.14	85	1.33	1.42	1.66	2492G
SEAGULL-BAY MVP-ET	TC TV	100-NA	29HO16888	MOGUL x PLANET	40	67	517	153	98	2.83	4.6	88	-0.7	1.6	1.94	94	2.30	1.61	0.08	2491G
CO-OP MOGUL STAMINA CRI-ET	TV TL	100-NA	1HO11541	MOGUL x MASSEY	31	76	688	147	95	2.75	4.4	85	-2.5	1.4	1.78	88	2.66	1.92	-0.16	2490G
SLO-TRAIN ALTACAIN	TR TP	100-NA	11HO11337	MAUI x INDIANA	33	71	555	155	98	2.71	5.0	86	1.5	2.7	1.29	93	1.79	0.90	-0.79	2490G
MR MOVIESTAR MARDI GRAS-ET	TR TP	100-NA	534HO0025	MOGUL x PLANET	31	66	582	126	97	2.82	7.7	86	-0.4	3.2	1.61	95	2.61	0.82	0.66	2489G
SEAGULL-BAY TOUCHDOWN-ET	TC TV	99-I	7HO000710	HEADLINER x DORCY	46	76	1213	157	88	2.87	6.0	78	1.5	0.1	2.14	86	1.88	1.81	0.59	2489G
PENN-ENGLAND GIFIAN 903A-ET	TR TP	100-NA	14HO07324	MOGUL x BOXER	56	56	2347	141	97	2.89	4.9	86	-0.8	0.9	2.14	93	2.38	1.93	-0.29	2488G
DE-SU NOMINEE-ET	TR TP	99-I	200HO06528	NUMERO UNO x MASSEY	47	51	1244	131	99	2.60	6.9	88	1.0	4.6	1.03	97	0.45	0.60	0.24	2487G
T-SPRUCE ALTAJAKE-ET	TR TP	100-NA	11HO11422	PETRONE x OBSERVER	28	28	1218	74	94	2.64	6.6	82	2.0	4.2	2.37	85	2.58	1.66	-0.51	2479G
DE-SU 11620 NIRVANA-ET	TC TV	100-NA	29HO16887	MOGUL x PLANET	60	66	1567	169	93	2.76	5.3	86	-0.7	0.0	1.62	88	1.53	0.84	0.27	2478G
LADYS-MANOR GREGARIOUS-ET	TR TP	100-NA	7HO12157	MOGUL x BRONCO	40	72	841	146	95	3.03	3.8	86	-2.8	2.3	2.04	92	2.33	2.11	0.69	2477G
SULLY ROBUST MONOCEROTIS-ET	TR TP	100-NA	7HO11839	ROBUST x PLANET	54	55	1684	163	95	2.88	6.2	87	1.7	2.1	0.95	93	1.32	1.21	-1.11	2477G
BACON-HILL	TR TP	100-NA	7HO12186	MOGUL x BOLTON	66	62	2304	179	94	2.99	3.1	85	-2.8	-0.8	2.39	89	2.42	1.69	-1.10	2476G



Adams Creek Fame Anessa

Nominated Junior All-American Spring Yearling 2015
Dam of Lot 18; Maternal Family of Lot 19

LOT 18 CHUPPS FARM ROYAL ADDISON USA000420557738

Born: 09-12-2016 Tag # 738
Breeder: CHUPP TYLER & PAIGE & JUSTIN & DANIEL
INOLA OK
Owner: CHUPP JUSTIN & DANIEL
INOLA OK
918-543-6652

PA: -221M +0.06% +0F +0.04% -1P -50CM\$ -57NM\$
+1.3PTAT +0.7UDC +1.3FLC -1.3DPR -2.0PL +3CPI 3.12SCS
ST SR BD DF RA TW RV RL FA
+1.0 +0.6 +0.2 +0.2 H0.5 +1.1 S0.3 P0.2 S0.6
FU RH RW UC UD TP TL
+0.9 +0.6 +0.8 +0.2 S0.7 C0.6 -0.1

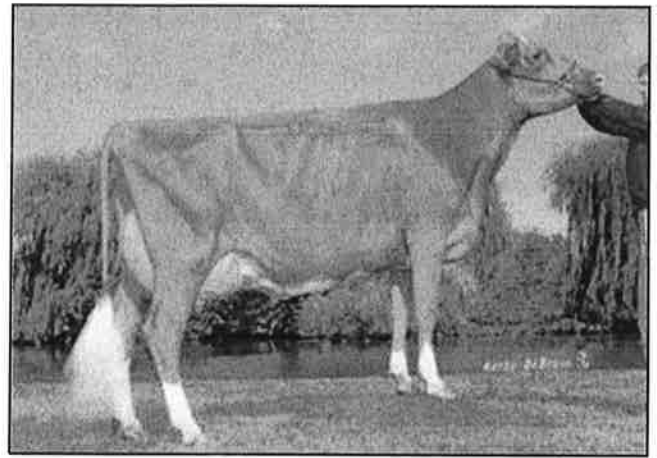
PINE GROVE QUEBEC ROYAL USA000068025751 31GU626 A2A2

04/17 USDA PTA -242M +0.10% +6F +0.06% +3P
-0.2DPR -2.6PL +6NM\$ 30NM%ile +23CM\$ 69% Rel 2.99SCS
AGA 04/17 PTAT +1.7 +0.9UDC +1.2FLC 64%Rel PTI +22
ST SR BD DF RA TW RV RL FA
+1.0 +1.0 +0.3 +0.0 H0.4 +1.4 S0.5 P0.3 S0.3
FU RH RW UC UD TP TL
+0.7 +0.7 +1.4 +0.6 S0.5 C1.3 -0.4

ADAMS CREEK FAME ANESSA USA000078001404 A2A2

0 App 04/17 PTAT +0.8 +0.4UDR +1.3FLC 45%Rel
ST SR BD DF RA TW RV RL FA
+0.9 +0.2 +0.0 +0.3 H0.6 +0.7 P0.1 S0.9
FU RH RW UC UD TP TL
+1.0 +0.5 +0.2 -0.2 S0.9 W0.2 +0.2
Nominated Junior All-American Spring Yearling 2015
2nd Spring Yearling NJS-Madison 2015
3rd Spring Yearling NJS-Louisville 2015

Lot 1
Appendix C



Chupps Hillpoint Fames Asia-ET EX-91

All-American Jr. 2-Year-Old 2014
Maternal Sister to Lot 17; Maternal Family of Lot 18

Selling open
Fall Calf

BROOKLEIGH Q H QUEBEC AUS000A00007601

04/17 USDA PTA -1167M +0.05% -45F +0.01% -36P
+0.4DPR -3.3PL -261NM\$ 0NM%ile -259CM\$ 64% Rel 2.86SCS
AGA 04/17 PTAT +0.1 +0.0UDC -0.4FLC 46%Rel PTI -110

PINE GROVE SPIDER REBECCA USA000068014989

Appraisal: 89 @ 4-03 (89/84)
3-10 365D 2X 18550M 5.7% 1052F 3.7% 681P DHIA

MILLBORNE TILLER FAYES FAME USA000068008443 91GU4843 A2A2

04/17 USDA PTA -198M -0.05% -17F +0.03% -1P
-4.5DPR -2.8PL -243NM\$ 0NM%ile -248CM\$ 92% Rel 3.42SCS
AGA 04/17 PTAT +2.7 +2.3UDC +4.1FLC 92%Rel PTI +9

ADAMS CREEK MM AINSLEY-ET USA000068043446

04/17 USDA PTA -202M +0.09% +6F +0.00% -6P
-0.3DPR +0.1PL +6NM\$ 38NM%ile +3CM\$ 50% Rel 3.08SCS
3 Rec YDev: -1189M -1F -39P
3 App 04/17 PTAT -0.2 -0.3UDR -0.1FLC 54%Rel CPI -12
Appraisal: 84 @ 4-01 (84/82)
1-08 305D 2X 12520M 5.4% 673F 3.3% 408P 101
3-00 315D 2X 14520M 5.2% 762F 3.2% 470P 102

3D: SUNNY BROOK VISA MAGGIE USA000003076165

Appraisal: 86 @ 2-11 (85/90)
1-11 312D 2X 18960M 4.7% 882F 3.1% 580P 100
2-11 305D 2X 15580M 4.9% 759F 3.1% 490P 100
Daughters: ADAMS CREEK MM ANISA-ET 94 @ 7-01 (93/94)
5-01 365D 2X 19350M 4.6% 884F 3.1% 599P DHIA
All-American 5-Year-Old 2011
All-American & Junior All-American Aged Cow 2012
Reserve All-American Aged Cow 2014
ADAMS CREEK MM ANITA-ET 91 @ 4-03 (90/92)
3-04 305D 2X 22330M 4.6% 1018F 3.3% 746P 71
ADAMS CREEK HILLPOINT MM ALETA-ET 90 @ 3-10 (88/88)
3-04 305D 3X 20310M 4.4% 897F 3.5% 711P 96

LOT 27 STIL DREAMN VINNY BLAZE USA000097002145

Born: 09-01-2016 Tattoo LE D145
Breeder & Ower: DIXON BRETT & JESSICA
CONWAY MO
417-844-6093

Selling open
Fall Calf

L+2

PA: -185M +0.11% +10F +0.06% +3P -37CM\$ -43NM\$
+0.5PTAT +0.0UDC -0.1FLC -0.8DPR -1.3PL +1CPI 3.24SCS
ST SR BD DF RA TW RV RL FA
+1.2 +0.4 +0.4 +1.1 L0.4 +0.5 H0.2 P0.2 S0.1
FU RH RW UC UD TP TL
-0.5 +0.6 +0.9 +0.1 D0.6 C0.5 +0.2

COULEE CREST LUXURY SPIDER-ET USA00000604229 1GU415
04/17 USDA GPTA +270M +0.08% +26F +0.09% +25P
-2.3DPR -2.7PL -7NM\$ 23NM%ile +11CM\$ 97% Rel 3.29SCS
AGA 04/17 PTAT +0.8 +0.6UDC -0.8FLC 96%Rel PTI +34

DIX LEE SPIDER VINNY USA000068027540
PA: -185M +0.11% +10F +0.06% +3P -37CM\$ -43NM\$
+0.5PTAT +0.0UDC -0.1FLC -0.8DPR -1.3PL +1PTI 3.24SCS
ST SR BD DF RA TW RV RL FA
+1.2 +0.4 +0.4 +1.1 L0.4 +0.5 H0.2 P0.2 S0.1
FU RH RW UC UD TP TL
-0.5 +0.6 +0.9 +0.1 D0.6 C0.5 +0.2

DIX LEE TILLER VENOM USA000068001924
Appraisal: 92 @ 6-09 (90/92)
6-07 365D 2X 30450M 4.1% 1262F 3.1% 938P DHIA

STIL DREAMN JACKPOT BRITTNEY USA000068047260
04/17 USDA PTA -600M +0.16% +0F +0.07% -8P
-0.2DPR -0.4PL -58NM\$ 21NM%ile -50CM\$ 49% Rel 3.26SCS
3 Rec YDev: -1471M +3F -20P
3 App 04/17 PTAT +0.1 -0.4UDR +0.2FLC 46%Rel CPI -19
ST SR BD DF RA TW RV RL FA
-1.5 -1.0 -1.0 +0.5 H0.1 -0.8 0.0 P0.5 0.0
FU RH RW UC UD TP TL
-0.9 +0.0 +0.4 -0.1 D0.5 W0.3 +0.7

SPRINGHILL JACKPOT-ET USA000068030404 7GU437 A2A2
04/17 USDA GPTA -552M +0.18% +5F +0.06% -8P
-1.5DPR -0.2PL -16NM\$ 23NM%ile +0CM\$ 92% Rel 2.93SCS
AGA 04/17 PTAT +1.2 +1.0UDC +2.5FLC 90%Rel PTI +12

Appraisal: 86 @ 5-02 (85/87)
ST SR BD DF RA TW RV RL FA FU RH RW UC UD TP TL
32 30 32 30 28 32 29 33 33 26 42 32 33 32 21 32
2-04 305D 2X 10160M 4.9% 501F 3.6% 365P 96
3-10 305D 2X 12610M 5.1% 640F 3.6% 459P 97
4-09 305D 2X 14105M 5.1% 715F 3.6% 514P Proj. Act.
STIL DREAMN BSPRUCE BRANDY 80 @ 2-02 (83/83)
2-02 290D 2X 8900M 5.1% 451F 3.6% 323P 95

DIX LEE SKIPPER BRINKLY USA000068017887
04/17 USDA PTA -294M +0.01% -12F +0.03% -5P
+1.2DPR -0.5PL -77NM\$ 17NM%ile -77CM\$ 48% Rel 3.19SCS
5 Rec YDev: -253M -11F +2P
3 App 04/17 PTAT -0.8 -0.8UDR -2.2FLC 54%Rel CPI -42
Appraisal: 88 @ 7-01 (86/91)
2-05 333D 2X 14000M 4.6% 641F 3.6% 498P 96
3-06 321D 2X 15760M 4.4% 694F 3.4% 530P 69
4-06 280D 2X 11080M 4.4% 489F 3.3% 362P 95
5-05 365D 2X 16370M 4.8% 780F 3.5% 580P 97
6-08 305D 2X 17080M 4.3% 728F 3.3% 567P 97

3D: PEMBERTON K BRANDEE USA000003078121
Appraisal: 84 @ 6-06 (82/85)
5-06 365D 2X 19900M 4.5% 888F 3.5% 691P DHIA

Appendix C

LOT 28 DAIRYMAN CORDELL 2855 BEEDO 840003128979133

Born: 07-04-2015 Tag # 2855
Breeder & Owner: HOARDS DAIRYMAN FARM
FORT ATKINSON WI
920-563-4882

Bred 9-18-2016 Due 6-28-2017
Lang Haven Grumpy Novak 68042542 700446
Junior 2-Year-Old

PA: +241M +0.02% +14F +0.00% +8P +24CM\$ +27NM\$
+0.3PTAT +0.2UDC -1.3FLC -0.1DPR -0.8PL +10CPI 3.12SCS
ST SR BD DF RA TW RV RL FA
+0.8 +0.2 -0.2 +0.3 H0.6 -0.4 H0.9 P0.5 L0.3
FU RH RW UC UD TP TL
+0.2 +1.2 +0.3 -0.2 D0.1 W0.2 +0.3

SNIDERS OPTION AARON-ET USA00000604670 7GU395 A2A2
04/17 USDA GPTA +245M +0.15% +41F +0.00% +10P
-2.9DPR -0.2PL +137NM\$ 65NM%ile +139CM\$ 98% Rel 2.94SCS
AGA 04/17 PTAT +1.4 +1.2UDC +2.4FLC 98%Rel PTI +66

RIPLEY FARMS AARON CORDELL USA000068027378 7GU440 A1A2
04/17 USDA GPTA +360M +0.11% +35F +0.02% +15P
-0.3DPR +0.7PL +177NM\$ 80NM%ile +187CM\$ 88% Rel 2.91SCS
AGA 04/17 PTAT +0.5 +0.5UDC -0.2FLC 86%Rel PTI +55
ST SR BD DF RA TW RV RL FA
+2.6 +0.6 +0.2 +1.1 H0.3 +0.3 H0.4 0.0 S0.2
FU RH RW UC UD TP TL
+0.5 +1.4 +0.7 +0.7 S0.4 W0.8 +1.7

RIPLEY FARMS SP CONI MAE-ET USA000068008636
Appraisal: 88 @ 4-02 (88/87)
2-01 365D 3X 26860M 4.9% 1313F 3.7% 984P DHIA

DAIRYMAN SKIPPER BEYONCE USA000068817466
04/17 USDA PTA +121M -0.07% -7F -0.02% +0P
+0.2DPR -2.2PL -124NM\$ 10NM%ile -140CM\$ 54% Rel 3.32SCS
5 Rec YDev: +192M -22F -1P
3 App 04/17 PTAT +0.1 -0.2UDR -2.3FLC 58%Rel CPI -36
Appraisal: 85 @ 4-06 (85/80)
ST SR BD DF RA TW RV RL FA FU RH RW UC UD TP TL
31 34 32 17 21 33 22 13 13 33 44 25 18 30 33
1-09 365D 3X 21970M 4.6% 1006F 3.3% 730P DHIA
3-01 276D 3X 20160M 4.4% 896F 3.4% 695P DHIA
5-01 259D 3X 18210M 4.8% 875F 3.4% 617P DHIA
6-01 255D 3X 20910M 4.1% 860F 3.4% 713P DHIA

COULEE CREST LUXURY SKIPPER-ET USA00000604230 200GU108 A1A2
04/17 USDA GPTA -34M -0.06% -13F -0.01% -3P
-0.2DPR -2.5PL -169NM\$ 3NM%ile -184CM\$ 95% Rel 3.35SCS
AGA 04/17 PTAT +0.6 +0.4UDC -1.6FLC 95%Rel PTI -37

DAIRYMAN RESPONSE BETTINA USA000064220977
04/17 USDA PTA +276M -0.04% +6F -0.04% +2P
+1.2DPR -1.0PL -20NM\$ 31NM%ile -28CM\$ 54% Rel 2.96SCS
2 Rec YDev: +268M +0F -8P
4 App 04/17 PTAT -0.5 -1.2UDR -1.6FLC 62%Rel CPI -17
Appraisal: 81 @ 5-07 (81/82)
2-02 365D 3X 19830M 4.8% 944F 3.2% 638P DHIA

LOT 35 DIX LEE ROYCE FRENCH ECLAIR 840003133963297

Born: 06-03-2016 Tag # 243
Breeder & Owner: DIXON STEVEN KEITH
PHILLIPSBURG MO
417-589-2906

Selling open
Summer Yearling

Lot 3

PA: +57M +0.01% +4F +0.02% +5P +22CM\$ +19NM\$
+0.4PTAT +0.4UDC +1.1FLC +1.3DPR -1.9PL +24CPI 3.05SCS
ST SR BD DF RA TW RV RL FA
+2.0 -0.2 -0.1 +1.0 L0.3 +0.7 S0.6 P0.3 S0.2
FU RH RW UC UD TP TL
-0.1 +0.8 +0.6 +0.2 S0.6 W0.1 +0.0

PRAIRIE MOON SYDNEY USA000068011662 54GU453
04/17 USDA PTA +170M -0.04% +1F +0.02% +9P
+1.4DPR -3.5PL -32NM\$ 23NM%ile -33CM\$ 82% Rel 3.24SCS
AGA 04/17 PTAT +0.0 -0.7UDC +0.7FLC 85%Rel PTI +5

VILLA CREST ROYCE USA000068047904
PA: +57M +0.01% +4F +0.02% +5P +22CM\$ +19NM\$
+0.4PTAT +0.4UDC +1.1FLC +1.3DPR -1.9PL +24PTI 3.05SCS
ST SR BD DF RA TW RV RL FA
PA: +2.0 -0.2 -0.1 +1.0 L0.3 +0.7 S0.6 P0.3 S0.2
FU RH RW UC UD TP TL
PA: -0.1 +0.8 +0.6 +0.2 S0.6 W0.1 +0.0

VILLA CREST WYNN RIONA USA000068003694
Appraisal: 94 @ 8-05 (94/92)
4-07 365D 2X 27290M 5.1% 1394F 3.6% 995P DHIA

DIX LEE OZZY FRENCH PIE USA000068032525
04/17 USDA PTA +284M -0.05% +4F -0.01% +8P
+1.0DPR -0.5PL +61NM\$ 55NM%ile +59CM\$ 42% Rel 3.06SCS
2 Rec YDev: +1364M +15F +29P
Appraisal: 82 @ 4-03 (78/84)
ST SR BD DF RA TW RV RL FA FU RH RW UC UD TP TL
35 34 40 35 28 31 37 34 31 15 30 24 9 14 15 21
2-08 269D 2X 13930M 4.0% 558F 3.1% 438P 95
3-07 305D 2X 16940M 3.9% 655F 3.3% 554P 97

DIX LEE CHALLENGE OZZY USA000068027228
04/17 USDA PTA +10M +0.01% +3F +0.01% +2P
+0.7DPR -2.5PL -55NM\$ 23NM%ile -65CM\$ 77% Rel 3.40SCS
AGA 04/17 PTAT +0.2 +0.0UDC +1.2FLC 75%Rel PTI +6

GR-DIX LEE JESTER FRENCHES USA000068030703
04/17 USDA PTA +210M +0.00% +10F +0.02% +10P
+0.9DPR +0.9PL +144NM\$ 78NM%ile +154CM\$ 47% Rel 2.88SCS
5 Rec YDev: +1081M +59F +41P
3 App 04/17 PTAT +1.4 +1.3UDR +2.3FLC 53%Rel CPI +68
Appraisal: 92 @ 6-10 (92/91)
2-00 365D 2X 18150M 4.6% 834F 3.3% 600P DHIA
3-04 285D 2X 13950M 4.9% 677F 3.6% 502P 96
4-03 253D 2X 15210M 4.9% 750F 3.6% 552P 95
5-01 365D 2X 28570M 4.4% 1260F 3.4% 974P DHIA
6-03 365D 2X 33160M 5.0% 1672F 3.3% 1092P DHIA
1706D 112390M 4.8% 5347F 3.4% 3837P LIFE

3D: PR-DIX LEE VOODINI FRENCH TOAST USA000068018886

Appraisal: 87 @ 3-09 (87/85)
3-11 365D 2X 18810M 4.1% 776F 3.5% 655P DHIA

4D: GT-DIX LEE GARGOYLE FRENCH KISS USA000365011441

Appraisal: 85 @ 6-08 (83/85)
6-08 365D 2X 26620M 4.0% 1071F 3.2% 856P DHIA
2569D 146310M 4.3% 6311F 3.4% 4916P LIFE

5D: RF-DIX LEE BEAR FRENCH FRY USA000360000126

Appraisal: 90 @ 3-10

Appendix C

LOT 36 HAYES JAGUAR NATTIE USA000097003270

Born: 05-03-2016 Tattoo LE H180 RE H180
Breeder: HAYES TODD

Selling open
Spring Yearling

FLETCHER OK
Owner: HAYES STEVE
FLETCHER OK
580-704-6966

SPRINGHILL JOKES JAGUAR-ET USA000068031529 7GU458 A2A2

04/17 USDA GPTA +411M -0.02% +18F -0.05% +6P
+0.0DPR +1.5PL +158NM\$ 76NM%ile +153CM\$ 48% Rel 2.85SCS
AGA 04/17 PTAT +1.3 +1.4UDC +0.9FLC 48%Rel PTI +53
ST SR BD DF RA TW RV RL FA
+1.1 +0.1 +0.1 +0.1 L0.2 +0.9 S0.4 S0.1 S0.3
FU RH RW UC UD TP TL
+1.9 +1.3 +0.0 +0.3 S2.1 C0.5 +0.0

LES JAONNETS CARA CONQUEROR GBR000020055012 30GU9834 A2A2

04/17 USDA PTA +204M +0.05% +23F -0.06% -1P
-0.2DPR +0.4PL +168NM\$ 76NM%ile +158CM\$ 83% Rel 2.80SCS
AGA 04/17 PTAT -0.1 +0.9UDC -0.6FLC 79%Rel PTI +24

DIX LEE TILLER JOKE USA000068001932

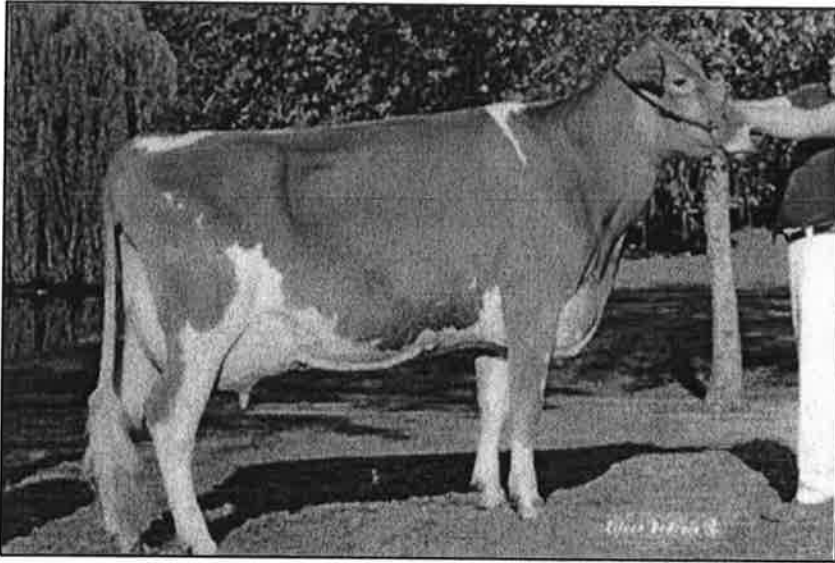
Appraisal: 93 @ 5-08 (93/92)
5-06 365D 2X 31350M 4.9% 1543F 3.3% 1033P DHIA

GOLDEN J SKIPPER GARY USA000068013855 7GU428 A2A2

04/17 USDA GPTA +893M -0.10% +22F -0.05% +21P
-1.0DPR -1.4PL +55NM\$ 37NM%ile +39CM\$ 94% Rel 3.25SCS
AGA 04/17 PTAT +0.4 -0.1UDC -0.6FLC 93%Rel PTI +33

HAYES GARY NATALIE USA000097003253

HAYES GEORGE NATALIE USA000068007316



Lot 4

GR-Jenoway Perfecto Jenine EX-91
 5-04 338D 18,440M 4.2% 773F 3.2% 592P
 Nominated Jr. All-American Sr. 3-Year-old 1997
 4th Dam of Lot 37

Appendix C

LOT 37 COULEE CREST ERNIE DANIELLE-ET USA000097002968

Born: 03-03-2017 Tattoo LE P841
 Breeder & Owner: COULEE CREST LLC
 CASHTON WI
 608-654-7555

Selling open
 Johnes Vaccinate
 Spring Calf

PA: +340M -0.01% +11F -0.03% +7P +110CM\$ +114NM\$
 +1.3PTAT +0.8UDC +0.6FLC +0.9DPR +0.9PL +45CPI 2.94SCS
 ST SR BD DF RA TW RV RL FA
 +0.2 +0.4 +0.3 -0.1 H0.6 +0.3 S0.3 P0.7 0.0
 FU RH RW UC UD TP TL
 +1.4 +1.2 -0.1 -0.3 S1.0 C0.6 -0.4

SPRINGHILL JETSTREAM USA000068031500
 AGA 04/17 PTAT +0.8 +0.6UDC +1.4FLC 54%Rel

COULEE CREST AP LORILEE USA000068042571
 Appraisal: 90 @ 4-00 (91/90)
 2-10 365D 3X 41180M*4.7% 1945F*3.5% 1425P* DHIA

PAOKIE LIL ERNIE USA000078004779 7GU467 A2A2
 04/17 USDA GPTA +577M +0.07% +33F -0.01% +17P
 +0.4DPR +1.1PL +231NM\$ 80NM%ile +233CM\$ 43% Rel 2.91SCS
 AGA 04/17 PTAT +1.1 +0.8UDC +1.3FLC 45%Rel PTI +85
 ST SR BD DF RA TW RV RL FA
 -0.5 +0.3 -0.3 -0.6 H0.5 +0.2 S0.3 P0.9 S0.4
 FU RH RW UC UD TP TL
 +1.6 +1.4 -0.4 -0.4 S1.0 C0.4 +0.4

EDGEWATER MEADOWS YOGIBEAR-ET USA000000604917 7GU402 A2A2
 04/17 USDA GPTA -424M +0.13% +3F +0.03% -9P
 +0.4DPR +1.3PL +30NM\$ 30NM%ile +36CM\$ 98% Rel 2.99SCS
 AGA 04/17 PTAT +2.0 +1.6UDC +1.4FLC 99%Rel PTI +28

COULEE CREST YOGI DEANNA USA000068029062 A1A2
 04/17 USDA GPTA +102M -0.09% -11F -0.04% -4P
 +1.4DPR +0.6PL -4NM\$ 35NM%ile -14CM\$ 62% Rel 2.97SCS
 4 Rec YDev: +559M -26F +1P
 3 App 04/17 PTAT +1.4 +0.8UDR -0.2FLC 65%Rel CPI +3
 Appraisal: 88 @ 4-05 (88/86)
 ST SR BD DF RA TW RV RL FA FU RH RW UC UD TP TL
 35 36 32 32 26 25 38 2 5 23 31 35 25 20 29 25 30
 2-00 365D 3X 21260M 4.8% 1017F 3.1% 653P DHIA
 3-02 300D 3X 23650M 4.4% 1048F 3.1% 729P 94
 4-01 279D 3X 22280M 4.0% 893F 3.3% 725P 90
 5-00 365D 3X 28840M 4.2% 1219F 3.3% 952P DHIA
 COULEE CREST TOPNOTCH DENISE 86 @ 2-07 (85/85)
 2-00 365D 3X 32100M 4.0% 1275F 3.0% 951P DHIA
 COULEE CREST MONARCH DESIREE 80 @ 2-03 (76/80)
 1-11 305D 3X 20250M 4.7% 955F 2.9% 578P 93

COULEE CREST SKIPPER JESSICA-ET USA000068021759
 04/17 USDA GPTA +216M -0.18% -23F -0.05% -2P
 +0.9DPR -0.3PL -66NM\$ 20NM%ile -80CM\$ 61% Rel 3.00SCS
 3 Rec YDev: +1139M -23F +23P
 4 App 04/17 PTAT +0.9 +0.7UDR -0.8FLC 65%Rel CPI -19
 Appraisal: 88 @ 5-03 (86/88)
 2-00 365D 3X 22960M 4.4% 999F 3.2% 740P DHIA
 3-01 365D 3X 29570M 4.3% 1269F 3.2% 939P DHIA
 4-04 365D 3X 29300M 4.2% 1224F 3.2% 940P DHIA

3D: OMALLEY HOT SHOT JACKLYN USA000003066706
 Appraisal: 90 @ 4-09 (90/86)
 4-06 305D 2X 16410M 4.0% 664F 3.3% 534P DHIA
 3rd Aged Cow Wisconsin State Show 2008
4D: GR-JENOWAY PERFECTO JENINE USA000003028378
 Appraisal: 91 @ 5-06
 5-04 338D 2X 18440M 4.2% 773F 3.2% 592P 92
 Nominated Junior All-American Sr. 3-Year-Old 1997

507HO12940 BUBBA

#1



LEANINGHOUSE BIG BUBBA-ET
 HO8403131992850 99% RHA-I
 TR TV TL TY TD TP
 Born: 1/30/2016
 aAa: 534 DMS: 345
 Breeder: Rock Hill Dairy LLC, Dexter, MN
 Beta-Casein: A2A2 EFl: 8.3

Sire: S-S-I Montross Jedi-ET (EX-91)
 Dam: Playball Ji Bubbles-ET (VG-85)
 2-01 3X 365d 39,060M 4.2% 1,630F 3.2% 1,234P
 MGS: Seagull-Bay Supersire-ET (EX-90-GM)
 MGD: Playball Mnom Bounty-ET (VG-87-EX-MS-DOM)
 MGGS: Long-Langs Oman Oman-ET (VG-85-GM)
 MGGD: Ralma Mac Beauty-ET (VG-87-GMD-DOM)

Wellness (STA) 08/17 Zoetis

DWP				
WT				
Mastitis	93	49% Rel	0 Dtrs	
Lameness	98	47% Rel	0 Dtrs	
Metritis	105	44% Rel	0 Dtrs	
Retained Placenta	100	45% Rel	0 Dtrs	
Displaced Abomasum	102	46% Rel	0 Dtrs	
Ketosis	107	44% Rel	0 Dtrs	



Production (PTA-Lbs) 08/17 CDCB Genomic Evaluation

Milk	+1,899		76% Rel 0 Dtrs/0 Herds
Protein	+76	% Protein	+0.07
Fat	+71	% Fat	+0.00
CFP	+147		
NM	+\$918	73% Rel	
CM	+\$952	FM	+\$842
GM	+\$938		

Type (PTA) 08/17 CDCB/HA Genomic Evaluation

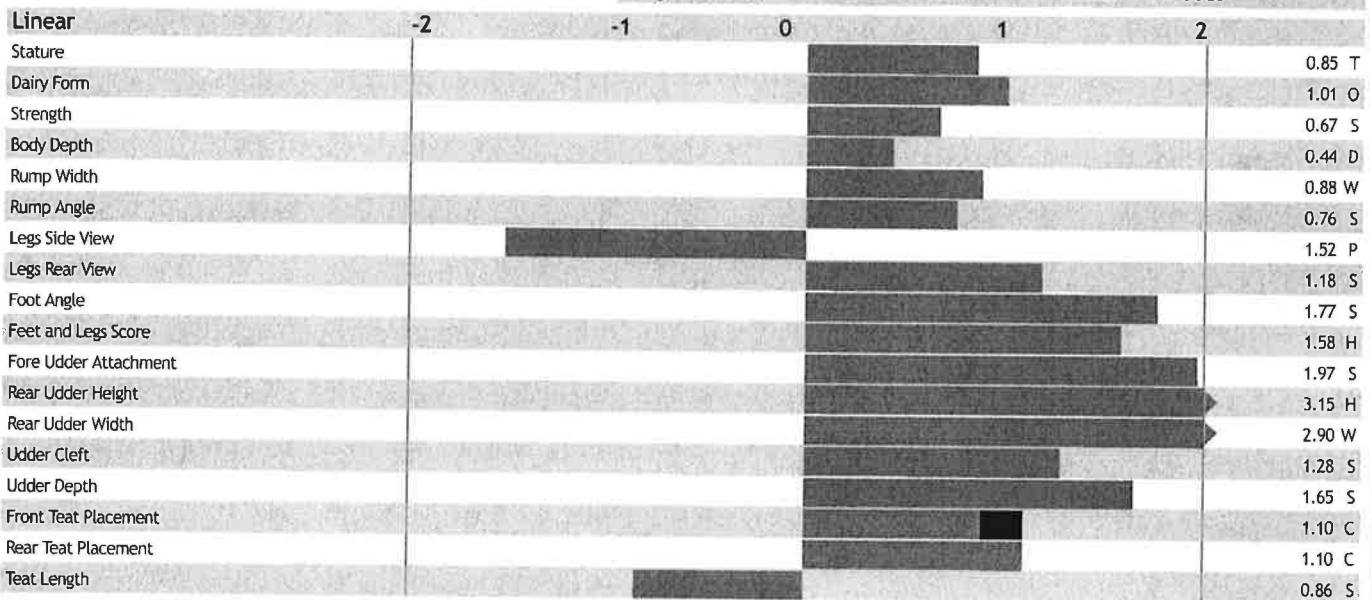
GTPi®	+2875		
Type	+2.13		75% Rel 0 Dtrs/0 Herds
UDC	+2.17	BD	+0.39
FLC	+1.48	D	+1.14

Fitness

Somatic Cell Score	2.94	74%	
Productive Life	+7.9	71% Rel	
Livability	+2.7	58%	
Daughter Pregnancy Rate	+4.7	70% Rel	
Heifer Conception Rate	+3.3	62%	0 Dtrs
Cow Conception Rate	+5.9	68% Rel	0 Dtrs
Fertility Index	+4.7	68%	

Calving Ease (% DBH)

Sire Calving Ease	7.7	61% Rel	0 Obs
Daughter Calving Ease	4.1	54% Rel	0 Dtrs
Sire Stillbirth (%SB)	7.3	57% Rel	0 Obs
Daughter Stillbirth	5.0	52% Rel	0 Dtrs



Appendix D

250HO13267 DUKE

#2



S-S-I MONTROSS DUKE-ET (EX-90)
 HO8403125201993 100% RHA-NA
 TR TC TV TL TY TD
 Born: 6/24/2014
 aAa: 423 DMS: 345,456
 Breeder: Select Sires Inc., Plain City, OH
 Beta-Casein: A1A2 EFI: 8.5



Sire: Bacon-Hill Montross-ET (EX-92)
 Dam: S-S-I Sprsire Mabel 8828-ET (VG-85-DOM)
 2-02 3X 305d 34,640M 3.5% 1,208F 3.2% 1,110P
 MGS: Seagull-Bay Supersire-ET (EX-90-GM)
 MGD: S-S-I Snow Malena 7514-ET (GP-80-DOM)
 MGGs: Flevo Genetics Snowman-ET (GM)
 MGGD: Roylane Shot Mindy 2079-ET (VG-86-DOM)

Wellness		(STA) ()	
DWP	+\$963		
WT	-\$82		
Mastitis	94	63% Rel	0 Dtrs
Lameness	92	61% Rel	0 Dtrs
Metritis	103	59% Rel	0 Dtrs
Retained Placenta	105	60% Rel	0 Dtrs
Displaced Abomasum	99	60% Rel	0 Dtrs
Ketosis	103	59% Rel	0 Dtrs



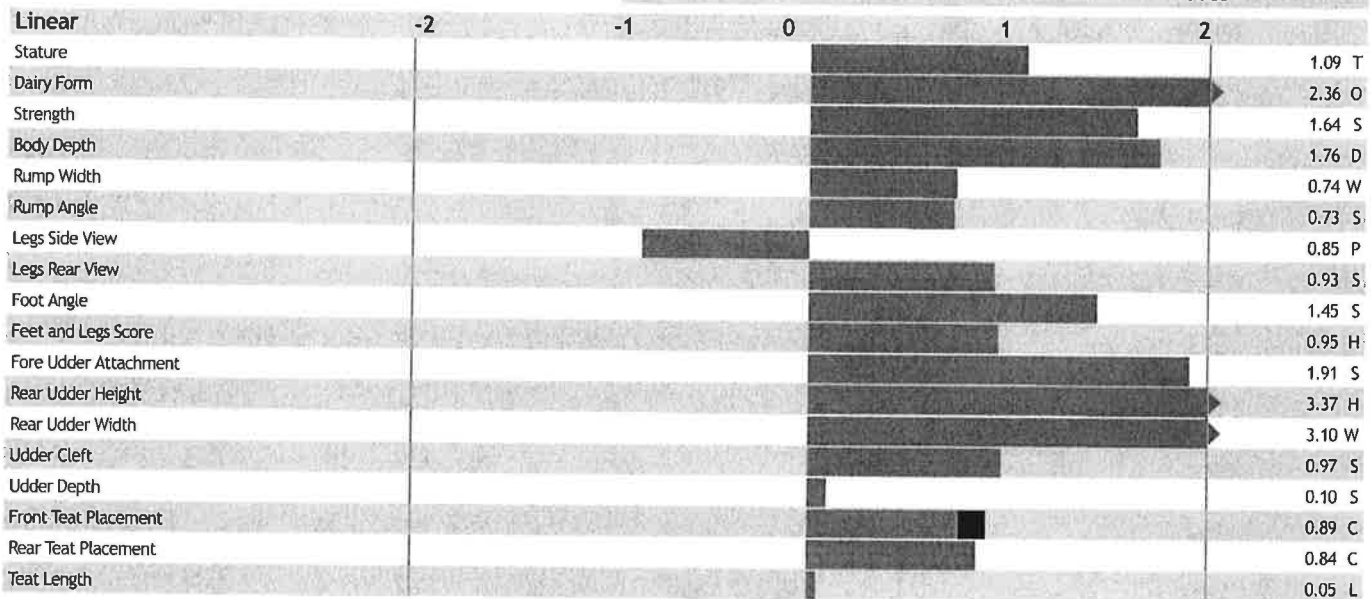
Production		(PTA-Lbs) 08/17 CDCB Genomic Evaluation	
Milk	+2,699		80% Rel 0 Dtrs/0 Herds
Protein	+87	% Protein	+0.02
Fat	+116	% Fat	+0.06
CFP	+203		
NM	+\$874	77% Rel	
CM	+\$887	FM	+\$848
GM	+\$792		

Type		(PTA) 08/17 CDCB/HA Genomic Evaluation	
GTP [®]	+2791		
Type	+2.15		79% Rel 0 Dtrs/0 Herds
UDC	+1.85	BD	+0.59
FLC	+0.86	D	+2.38

Semen Fertility			
Sire Conception Rate	+2.7	94% Rel	3,827 Obs

Fitness			
Somatic Cell Score	2.90	77%	
Productive Life	+4.9	74% Rel	
Livability	-1.4	61%	
Daughter Pregnancy Rate	-0.1	74% Rel	
Heifer Conception Rate	-0.2	68%	0 Dtrs
Cow Conception Rate		73%	0 Dtrs
Fertility Index	+0.2	73%	

Calving Ease		(% DBH)	
Sire Calving Ease	10.9	94% Rel	1,698 Obs
Daughter Calving Ease	6.1	67% Rel	0 Dtrs
Sire Stillbirth (%SB)	8.1	86% Rel	1,685 Obs
Daughter Stillbirth	6.9	62% Rel	0 Dtrs



Appendix D

7HO13250 JEDI

#3



S-S-I MONTROSS JEDI-ET (EX-91)
 HO8403123886035 99% RHA-I
 TR TC TV TL TY TD
 Born: 5/11/2014
 aAa: 426 DMS: 345,456
 Breeder: Select Sires Inc., Plain City, OH
 Beta-Casein: A1A2 EFI: 8.7

Sire: Bacon-Hill Montross-ET (EX-92)
 Dam: S-S-I Suprsire Miri 8679-ET (VG-89-EX-MS-DOM)
 2-00 3X 365d 39,810M 3.5% 1,402F 3.1% 1,234P
 MGS: Seagull-Bay Supersire-ET (EX-90-GM)
 MGD: S-S-I Bookem Modesto7269-ET (VG-87-DOM)
 MGGs: De-Su 521 Bookem-ET (EX-90-GM)
 MGGD: Roylane Shot Mindy 2079-ET (VG-86-DOM)

Wellness (STA) 08/17 Zoetis

DWP	+\$951		
WT	-\$93		
Mastitis	87	62% Rel	0 Dtrs
Lameness	100	60% Rel	0 Dtrs
Metritis	106	59% Rel	0 Dtrs
Retained Placenta	104	59% Rel	0 Dtrs
Displaced Abomasum	96	59% Rel	0 Dtrs
Ketosis	100	58% Rel	0 Dtrs



Production (PTA-Lbs) 08/17 CDCB Genomic Evaluation

Milk	+2,624	80% Rel 0 Dtrs/0 Herds	
Protein	+88	% Protein	+0.02
Fat	+76	% Fat	-0.08
CFP	+164		
NM	+\$888	77% Rel	
CM	+\$906	FM	+\$852
GM	+\$862		

Type (PTA) 08/17 CDCB/HA Genomic Evaluation

GTPI®	+2821		
Type	+2.06	79% Rel 0 Dtrs/0 Herds	
UDC	+1.71	BD	+0.86
FLC	+1.35	D	+1.95

Semen Fertility

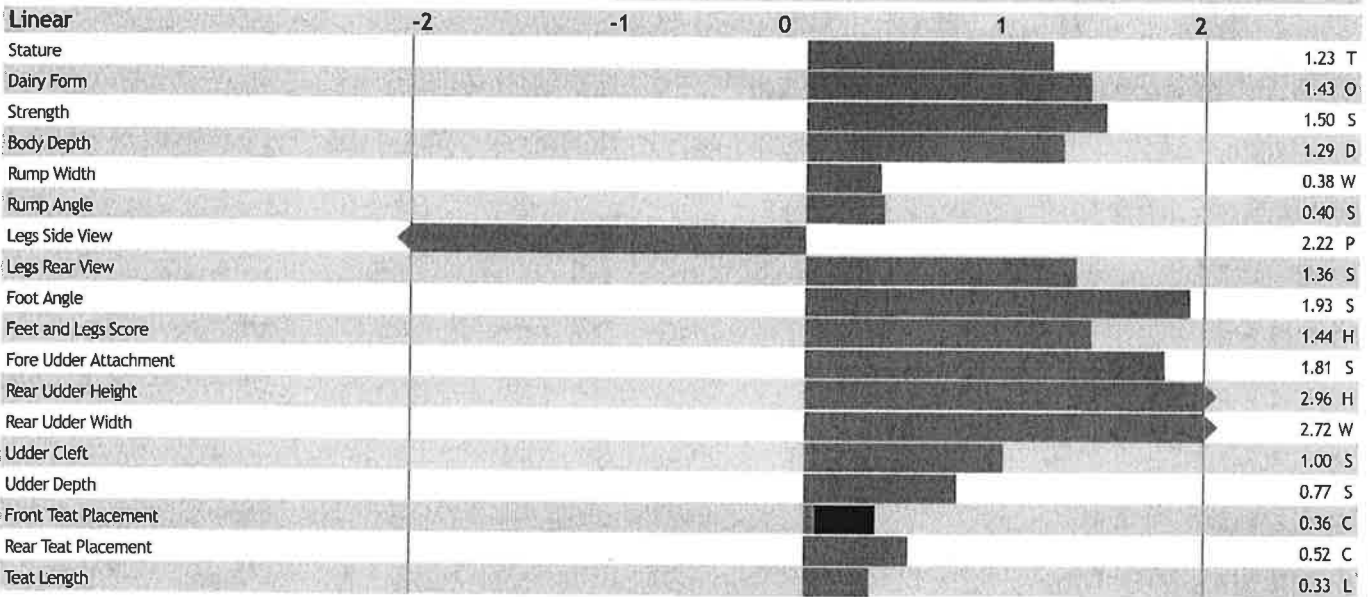
Sire Conception Rate	+2.5	97% Rel	7,894 Obs
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Fitness

Somatic Cell Score	2.94	78%	
Productive Life	+7.5	74% Rel	
Livability	+1.0	61%	
Daughter Pregnancy Rate	+2.7	74% Rel	
Heifer Conception Rate	+1.8	69%	38 Dtrs
Cow Conception Rate		73%	0 Dtrs
Fertility Index	+2.9	73%	

Calving Ease (% DBH)

Sire Calving Ease	8.4	98% Rel	2,777 Obs
Daughter Calving Ease	4.1	68% Rel	0 Dtrs
Sire Stillbirth (%SB)	8.0	95% Rel	2,600 Obs
Daughter Stillbirth	5.4	63% Rel	0 Dtrs



Appendix D

7HO13696 LORD

74



S-S-I SCENARIO LORD-ET
 HO8403131003567 99% RHA-I
 TR TV TL TY TD TP
 Born: 4/30/2016
 aAa: 342 DMS: 456,561
 Breeder: Select Sires Inc., Plain City, OH
 Beta-Casein: A2A2 EFl: 8.5

Sire: Sandy-Valley Scenario-ET (EX-90)
 Dam: S-S-I Yodr Martini 11002-ET
 MGS: Woodcrest Mogul Yoder-ET (EX-90)
 MGD: S-S-I Glx Maybeline 8725-ET
 MGGs: De-Su Freddie Galaxy-ET
 MGGD: S-S-I Bookern Modesto7269-ET (VG-87-DOM)

Wellness (STA) 08/17 Zoetis

DWP	+\$1,038
WT	+\$17
Mastitis	95 53% Rel 0 Dtrs
Lameness	101 51% Rel 0 Dtrs
Metritis	102 48% Rel 0 Dtrs
Retained Placenta	106 48% Rel 0 Dtrs
Displaced Abomasum	103 50% Rel 0 Dtrs
Ketosis	99 48% Rel 0 Dtrs



Production (PTA-Lbs) 08/17 CDCB Genomic Evaluation

Milk	+1,236	76% Rel 0 Dtrs/0 Herds
Protein	+60	% Protein +0.08
Fat	+103	% Fat +0.21
CFP	+163	
NM	+\$900	72% Rel
CM	+\$942	FM +\$805
GM	+\$907	

Type (PTA) 08/17 CDCB/HA Genomic Evaluation

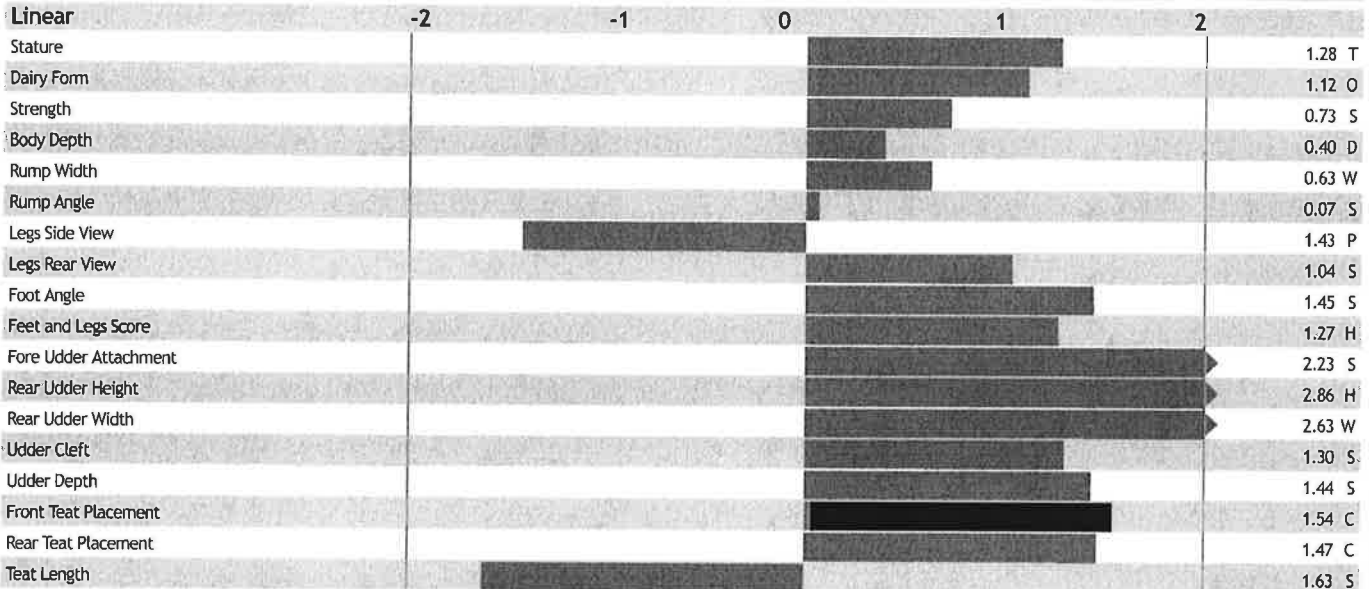
GTP [®]	+2813
Type	+1.89 73% Rel 0 Dtrs/0 Herds
UDC	+1.90 BD +0.43
FLC	+1.09 D +1.47

Fitness

Somatic Cell Score	2.87	73%
Productive Life	+6.5	71% Rel
Livability	-0.9	58%
Daughter Pregnancy Rate	+3.3	70% Rel
Heifer Conception Rate	+3.5	63% 0 Dtrs
Cow Conception Rate	+5.2	68% Rel 0 Dtrs
Fertility Index	+3.7	68%

Calving Ease (% DBH)

Sire Calving Ease	6.4	62% Rel	0 Obs
Daughter Calving Ease	3.1	54% Rel	0 Dtrs
Sire Stillbirth (%SB)	7.1	58% Rel	0 Obs
Daughter Stillbirth	4.3	52% Rel	0 Dtrs



Appendix U

Barn Name **9371** Index **9371** #1

Breed	Country	Identification	Birth Date	Body Wt.	Inbrd. Coef.	DCR Milk
HO	USA	71588995	11-03-12	1460	4.4	
984000001157627						

Predicted Transmitting Ability												Estimated Relative Producing Ability											
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank	Milk	Fat	Pro	\$												
+638	-12	-10	-04	+9	+34	82	30	+87	-155	-54	-454												

Test Day Data												Lact No.												Calving Date											
DIM	19	55	90	125	159	195	230	264																											
Milk	92	109	105	104	92	78	60	50																											
Fat %	3.9	2.6	2.7	2.1	3.3	3.4	2.5	3.0																											
Pro %	3.1	2.8	3.0	2.7	2.8	2.9	2.9	3.0																											
SCC	2425	1493	107	2986	696	1213	746	1600																											

Sire												WELCOME ABRAHAM-ET											
Breed	Country	Identification	AI Code / Name	Inbrd																			
HO	USA	66757469	1HO10245 ABRAHAM	5.4																			
PTA	Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank															
	-201	+01	-6	+01	-4	+293	99	36															

Dam												MR MOTEL-ET											
Breed	Country	Identification	Barn Name / Index	Inbrd																			
HO	USA	63428729	6-7414	5.8																			
PTA	Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank															
	+1071	-09	+15	-04	+21	-1	84	23															

MGS												MR MOTEL-ET											
Breed	Country	Identification	AI Code / Name	Inbrd																			
HO	USA	131779862	29HO10868 MR MOTEL	2.6																			
PTA	Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank															
	+1122	-10	+15	-03	+27	+4	99	9															

Lact No.	Test Plan	Calving Date	Age at Calving	Days Dry	Days Open	NO BR	305 Day Lactation						Complete Lactation						ME Lactation						Hardmale Deviation		
							Milk	Fat %	Fat	Pro %	Pro	Days 3X	DIM	Milk	Fat %	Fat	Pro %	Pro	CAR	Milk	Fat	Pro	Milk	Fat	Pro		
1	2	09-10-14	1-10		114	1	24,187	2.8	667	2.7	662	344	344	26,582	2.8	735	2.7	730	28,722	795	784	+2346	-147	-7			
2	2	10-07-15	2-11		48	71	2					302	302	24,343	2.9	701	2.8	688	25,085	723	694	-867	-191	-94			
3	2	09-16-16	3-10		43	76	1					292	292	24,502	2.7	662	2.8	695	24,447	667	690	-1131	-282	-113			
							Totals	938	75,427	2.8	2098	2.8	2113	26,085	728	723	+116	-207	-71								
							Averages																				

* Dry thru Test Date: 07-12-17
Dried on 07-05-17
Number of Breedings = 1
Last Bred 12-01-16 To 1HO11632 HO Preg

Appendix E

Barn Name	9371	Index Number	9371	Identification	71588995
9371 Index 9371 Barn Name					

Barn Name **9398** Index **9398** #2

Breed	Country	Identification	Birth Date	Body Wt.	Inbrd. Coef.	DCR Milk
HO	USA	71589022	11-19-12	1460	4.8	
984000001156545						

Predicted Transmiting Ability							Estimated Relative Producing Ability						
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank	Milk	Fat	Pro	\$	%Rel	%Rank
+345	+03	+20	+01	+14	+338	83	89	-1625	+12	-48	-332		

Test Day Data												
Test Day	Age at Calving	Days Dry	Days Open	NO BR	Milk	% Fat	% Pro	305 Day Lactation	Calving Date	Lact No.	3	08-04-16
DIM	29	62	98	133	168	202	238	273	307			
Milk	82	81	81	68	61	55	52	49	39			
Fat %	4.8	2.9	3.7	4.3	4.5	4.1	4.2	4.3				
Pro %	2.9	2.8	3.1	3.4	3.4	3.2	3.3	3.2				
SCC	66	23	33	47	35	47	33	71	33			

Sire												
Breed	Country	Identification	AI Code / Name	Inbrd								
HO	USA	66591071	1HO10085 YANO	6.0								
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank					
+340	-02	+7	+04	+20	+475	99	64					

Dam												
Breed	Country	Identification	Barn Name / Index	Inbrd								
HO	USA	65927678	7810	3.8								
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank					
-141	-01	-7	+03	+3	-173	83	4					

MGS												
Breed	Country	Identification	AI Code / Name	Inbrd								
HO	USA	132699132	14HO04196 QUASS	8.6								
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank					
+854	-05	+19	+02	+30	-41	94	7					

Lact No	Test Plan	Calving Date	Age at Calving	Days Dry	Days Open	NO BR	Milk	305 Day Lactation				Days 3X	DIM	Milk	Complete Lactation				Milk	ME Lactation				Milk	Herdmale Deviation	
								% Fat	Fat	% Pro	Pro				Fat %	Fat	Pro %	Pro		CAR	Milk	Fat	Pro		Milk	Fat
1	2	09-15-14	1-09		74	1						304	304	25,302	3.8	963	3.0	757		30,820	1178	899	+4465	+240	+109	
2	2	08-27-15	2-09		42	70	1				301	301	19,283	4.1	786	3.2	624		21,186	865	668	-4900	-69	-125		
3	2	08-04-16	3-08		42	112	1	19,630	4.1	813	3.2	622	327	327	20,441	4.1	848	3.2	649	19,974	843	631	-6063	-123	-175	
LIFETIME							3	109	64	932	65,026	4.0	2597	3.1	2030	23,993	962	733	-2166	+16	-64					
Number of Lactations							3	109	64	932	65,026	4.0	2597	3.1	2030	23,993	962	733	-2166	+16	-64					
Reproductive Efficiency							109	64	932	65,026	4.0	2597	3.1	2030	23,993	962	733	-2166	+16	-64						
Average Milk/Day							64	932	65,026	4.0	2597	3.1	2030	23,993	962	733	-2166	+16	-64							

* Dry thru Test Date: 07-12-17
Dried on 06-27-17

Number of Breedings = 2
Last Bred 11-24-16 To 1HO11905 HO Preg
Prev Bred 10-13-16 To 1HO11905 HO

Appendix E

Barn Name	9398	Index Number	9398	Identification	71589022
			9398	Index	9398
			9398	Barn Name	9398

Barn Name
9622

Index
9622

#3

Breed	Country	Identification	Birth Date	Body Wt.	Inbrd. Coef.	DCR Milk
HO	USA	71589246	05-20-13	1330	7.1	
		984000001156537				

Predicted Transmitting Ability												Estimated Relative Producing Ability											
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank	Milk	Fat	Pro	\$												
-439	+03	-8	+06	+3	-34	81	18	-543	-3	+3	-94												

Test Day Data												Lact No.												Calving Date											
DIM	41	82	117	160	193	229	264	299	333	369	404	438																							
Milk	108	91	91	82	74	66	44	43	47	40	25	11																							
Fat %	4.1	2.7	4.4	4.1	4.3	4.5	5.2	4.8	3.9	4.9	4.1	4.2																							
Pro %	2.7	2.7	3.0	3.1	3.5	3.9	4.4	4.1	3.9	4.0	3.9	4.2																							
SCC	29	13	20	20	29	44	93	87	81	123	214	325																							

MGS															
Breed	Country	LUCKY-BUTTKE ASPIRATION													
HO	USA	11HO07979 ASPIRATIN													
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank	Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank
+905	-08	+12	-02	+22	+5	99	9								

Dam															
Breed	Country	CO-OP AUDEN PARKER-ET													
HO	USA	11HO02848 PARKER													
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank	Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank
+240	-05	-5	+01	+9	-18	48	20								

Sir															
Breed	Country	CO-OP AUDEN PARKER-ET													
HO	USA	11HO02848 PARKER													
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank	Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank
+371	+14	+51	+07	+31	+348	99	45								

Lact No.	Test Plan	Calving Date	Age at Calving	Days Dry	Days Open	NO. BR.	305 Day Lactation						Complete Lactation						ME Lactation						Herdmate Deviation					
							Milk	% Fat	Fat	% Pro	Pro	3X	DIM	Milk	Fat %	Fat	Pro %	Pro	CAR	Milk	Fat	Pro	Milk	Fat	Pro	Milk	Fat	Pro		
1	2	04-21-15	1-11		72	1						289	289	20,374	3.2	654	3.2	649	23,870	787	756	-570	-105	+8						
2	2	03-26-16	2-10	51	235	1	23,755	4.2	987	3.2	763	444	444	28,395	4.2	1189	3.3	947	23,755	1014	760	-1059	+96	+1						
							Totals						Averages																	
LIFETIME							2	106	62	733	48,769	3.8	1843	3.3	1596	23,813	901	758	-815	-5	+5									

* Dry thru Test Date: 07-12-17
Dried on 06-13-17

Number of Breedings = 4
Last Bred 11-16-16 To 1HO11652 HO Preg
Prev Bred 09-01-16 To 1HO11652 HO
Prev Bred 07-21-16 To 1HO11665 HO

Apprentice E

Prev Bred 06-09-16 To 1HO11665 HO

Barn Name	9622	Index Number	9622	Identification	71589246
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9622 Index
9622 Barn Name

Barn Name
9765

Index
9765

#4

Breed	Country	Identification	Birth Date	Body Wt.	Inbrd. Coef.	DCR Milk
HO	USA	72752786	09-27-13	1330	7.2	
		98400001156117				

Predicted Transmitting Ability												Estimated Relative Producing Ability											
Milk	%Fat	Fat	%Pro	Pro	\$	%Rel	%Rank	Milk	Fat	Pro	\$												
-734	+09	-5	+02	-18	+102	82	46	-1226	-10	-46	-314												

Test Day Data												Lact No.												Calving Date											
DIM	7	50	83	119	154	189	223	259	294	328																									
Milk	57	91	81	80	72	72	61	64	52	42																									
Fat %	4.4	3.9	3.2	4.7	3.8	4.5	4.3	4.1	4.8	4.8																									
Pro %	3.5	2.7	2.8	3.1	3.3	3.3	3.3	3.4	3.5	3.4																									
SCC	38	44	33	29	23	20	20	123	100	115																									

NED-EL MAN-O-MAN BOYBOY-ET											
Breed	Country	Identification	AI Code / Name	Inbrd							
HO	USA	66796464	1HO10296 BOYBOY	4.4							
Milk	%Fat	Fat	%Pro	Pro							
-312	+02	-6	+04	+1							
			+174	+93							
			99	22							

Dam											
Breed	Country	Identification	Barn Name / Index	Inbrd							
HO	USA	70340981	8977	4.0							
Milk	%Fat	Fat	%Pro	Pro							
-1226	+18	+1	+07	-19							
			+93	+44							

MGS											
Breed	Country	Identification	AI Code / Name	Inbrd							
HO	USA	66183748	76HO00623 EXACT	7.1							
Milk	%Fat	Fat	%Pro	Pro							
+132	+05	+19	+03	+13							
			+280	+94							
			94	35							

Lact No.	Test Plan	Calving Date	Age at Calving	Days Dry	Days Open	NO. BR.	305 Day Lactation						Complete Lactation						ME Lactation						Hardmale Deviation	
							Milk	% Fat	Fat	% Pro	Pro	Days 3X	DIM	Milk	Fat %	Fat	Pro %	Pro	CAR	Milk	Fat	Pro	Milk	Fat	Pro	
1	2	07-26-15	1-09		74	1						291	291	18,598	3.6	677	3.1	570	24,307	895	719	-1336	-23	-60		
2	2	07-14-16	2-09	63	112	1	21,738	4.1	891	3.1	677	328	328	22,781	4.1	941	3.1	713	23,485	973	716	-2342	-7	-79		
LIFETIME							2	109	61	619	41,379	3.9	1618	3.1	1283	23,896	934	718	-1839	-15	-70					
Number of Lactations							2	109	61	619	41,379	3.9	1618	3.1	1283	23,896	934	718	-1839	-15	-70					
Reproductive Efficiency							109	61	619	41,379	3.9	1618	3.1	1283	23,896	934	718	-1839	-15	-70						
Average Milk/Day							61	619	41,379	3.9	1618	3.1	1283	23,896	934	718	-1839	-15	-70							
Totals							2	109	61	619	41,379	3.9	1618	3.1	1283	23,896	934	718	-1839	-15	-70					
Averages							61	619	41,379	3.9	1618	3.1	1283	23,896	934	718	-1839	-15	-70							

* Dry thru Test Date: 07-12-17
Dried on 06-07-17
Number of Breedings = 2
Last Bred 11-03-16 To 1HO11670 HO Preg
Prev Bred 09-22-16 To 1HO11636 HO

Apparix E

Barn Name	9765	Index Number	9765	Identification	72752786
			9765	Index	9765
			9765	Barn Name	9765

2017 Iowa FFA Dairy Cattle Evaluation CDE Key

Test Key

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

DHIA Questions

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

Dairy Management

31. D
32. D
33. D
34. D
35. D

Sire Evaluation Questions

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

Pedigree Evaluation

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

46. Phase E Pedigree Placing

Placing 4 - 3 - 2 - 1

Cuts 2- 6- 2

- 4- Highest PA score - milk, fat, protein
Highest CM & NM
- 3- Positive milk, fat, protein, NM, CM
- 2- Negative milk, NM, CM
2 pair class
- 1- Negative milk, protein, NM, CM
lack of dam information

47. Phase F Sire Selection

Placing 1 - 3 - 4- 2

Cuts 3 - 2 - 3

- 1- Highest TPI
High PTAT, NM, fertility index
Low PL
- 3- Second high TPI
High milk, PL
Lower fertility index
- 4- Third high PTI
Low PTAT
Low protein
- 2- Lowest PL, NM\$
Low fertility index

48. Phase G Culling

Placing 1 - 2 - 3 - 4

Cuts 3 - 6 - 1

- 1- High SCC
-fat, -protein
Low Rep Eff 104
- 2- Production decreased each year
-milk, - protein
Higher Rep Eff 109
- 3- Close bottom pair
Lower Rep Eff 106
- 4- - milk, - protein, - fat