Herd	HS	HERD SUMMARY	P Str ALL	DHI-PROVO	Owner or Name of Dairy: Academy Dairy GJ	Type of Record: DHI-AP	Test Date: 3-29-18

Average for All Cows

LACT	Cows in Herd	Cow Months	% DIM	Milk	% Fat	Fat	% S/P	S/P	3.5 FCM
1	726	781	88	43.3	4.99	2.16	3.71	1.60	53.7
2	401	443	85	48.8	4.86	2.37	3.75	1.83	59.5
3	492	542	91	57.4	4.74	2.72	3.69	2.12	69.0
T	1619	1766	88	49.0	4.87	2.38	3.71	1.82	59.9

Average For Milking Cows

LACT	Cows in Milk	Cows Mths	Milk	Fat	S/P	3.5 FCM
1	634	691	48.9	2.44	1.81	60.7
2	340	376	57.5	2.79	2.16	70.2
3	448	491	63.4	3.01	2.34	76.2
T	1422	1558	55.6	2.70	2.06	67.9

LTD Days in Milk

LACT	AVG DIM	< 90	90-180	181-305	> 305	DRY
1	185	21	23	27	15	13
2	167	25	'22	29	8	15
3	157	27	32	25	8	9
T	172	24	25	27	11	12

Previous Days Dry

LACT	AVG	48 <Opt	60 Opt	72 >Opt
1				
2	60	37	331	45
3	62	50	382	86
T	61	87	713	131
		9%	77%	14%

No. of Cows In Herd Without

LACT	Birth Date	Lact. No.	Reg. or E.T. & Breed: Cow	Sire	Dam	Stat Dates	Life Rec	% Use
1	14		19	59	66			88
2	3			16	38	3		95
3	1			36	90	3	5	92
T	18		19	111	194	6	5	91
	1 %	%	1 %	7 %	12 %	%		

Somatic Cell Summary

LACT	Low 0-4	Med 5-6	High 7-9	% L	% M	% H	Avg L2	Avg SCC	30 Day Loss	Chg. SCS 5: %UP	%DN	1st Test	45-180	181-305	>305
1	546	56	16	88	9	3	3.0	180		5	4	4.0	2.8	3.0	3.4
2	277	49	10	82	15	3	2.8	196		12	1	1.6	2.5	3.6	3.8
3	331	73	34	76	17	8	3.3	314		13	3	2.7	3.0	4.2	3.9
T	1154	178	60	83	13	4	3.1	232		9	3	3.0	2.8	3.5	3.6

% Distribution of Peak Production by Pounds

LACT	No. Cows	<51	51-65	66-80	81-95	96-110	111-125	>125	Peaked: Before 90 DIM	30D FCM CHG
1	586	16	56	25	2				61.0	.6
2	319	2	13	50	30	4	1		76.4	3.9
3	401	1	5	35	47	10	1	1	82.2	5.0
T	1306	8	30	34	23	4	1		72.5	2.5

Peak Production Days

LACT	AVG	56 & Bef	70 Peak	84 & Aft
1	82	179	143	264
2	60	158	86	75
3	61	193	108	100
T	70	530	337	439
		41%	26%	34%

Cow PTA Summary

LACT	No. Cows	Milk	% Fat	Fat	$	Pct Ile	Pro	% Pro
1	1	45	.21	39	160		11	.07
2	3	881	.07-	29	163		29	.02-
3	3	396	.07-	7	55		7	.04-
T	7	541	.03-	21	116		17	.02-

Extrapolated 305 Day Average

LACT	Actual: Milk	Fat	S/P	Mature Equivalent: Milk	Fat	S/P
1	14457	722	529	19462	958	711
2	17085	842	640	19788	958	739
3	18197	882	672	18694	899	704
T	16264	801	601	19306	940	716

Change In Avg. Relative Value

LACT	Milk	Fat	S/P	Rel Val
1	83	8	7-	96
2	432	10	21	101
3	647-	48-	14-	95
T	53-	9-	2-	97

Interval Between Breedings

LACT	<18	18-24	25-35	36-48	>48	Avg	Total	Heats: % Det	% Clv	Calving Interval: Last	Next
1	14	47	15	12	12	29	575	76	35		13.0
2	10	54	14	10	12	29	279	82	40	12.7	12.7
3	13	46	14	15	12	30	282	79	42	12.4	12.6
T	13	49	14	12	12	30	1136	79	38	12.6	12.8

Dim at First Breeding

LACT	AVG	60 Opt&<	71 Opt+11	81 Opt&>
1	75	11	399	115
2	72	12	228	51
3	72	6	282	55
T	74	29	909	221
		3%	78%	19%

Sire PTA Summary

LACT	No. Cows	Milk	% Fat	Fat	$	Pct Ile	Pro	% Pro
1	652	425	.06	30	244	31.1	22	.03
2	388	354	.06	28	213	29.2	19	.03
3	457	258	.03	18	126	21.0	14	.02
T	1497	355	.05	26	200	27.5	19	.03

Test Day Totals

LACT	Production: Milk	Fat	S/P	No. Cows: Dry	In Milk
1	30811	1524	1135	92	634
2	19900	957	739	61	340
3	28710	1352	1052	44	448
T	79421	3833	2925	197	1422

Prod. Since 2 yr

LACT	Milk	Fat	S/P	%PC 90 DIM	Rep Indx
1	85.3	4.2	3.1	70	
2	63.3	3.1	2.3	78	
3	56.3	2.8	2.1	62	
T	69.3	3.4	2.5	69	31

Cows Over 75 Days Since Last Bred or Pregnant

LACT	No. of Times Bred: 1	2	3	4&+	Total Times Bred	Serv/ Conc	No. Pg Cows	% 1st Conc
1	160	97	57	62	815	2.17	376	43
2	107	58	35	31	470	2.03	231	46
3	115	51	31	20	405	1.87	217	53
T	382	206	123	113	1690	2.05	824	46
	46%	25%	15%	14%				

Days Open

LACT	AVG	99 & Less	120 Opt	141 & Over
1	108	314	131	100
2	101	194	58	49
3	98	229	83	45
T	103	737	272	194
		61%	23%	16%

Service Sire PTA Summary

LACT	No. Cows	Milk	% Fat	Fat	$	Pct Ile	Pro	% Pro
1	386	1042	.05	58	487		42	.02
2	162	1058	.06	61	497		41	.02
3	195	1072	.06	63	524		44	.03
T	743	1053	.05	60	499		42	.02

Cows Expected to Calve

LACT	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										
2	11	35	48	39	71	53	57	39	53	124
3	13	40	37	46	72	55	62	78	78	142
T	24	75	85	85	143	108	119	117	131	266
	24	5	48-	15-	23	11-	3-	Cows in Milk		

Grain Fed

LACT	Per Cow	Total
1	19	13652
2	23	9332
3	28	13647
T	23	36631

Cows In Milk Opt + 30 Days Assumed Not Preg

LACT	No. of Times Bred: 1	2	3	4&+	Total Times Bred	Serv/ Cow	No. DNB Cows (Ex)	Not Bred 81 DIM
1	70	31	13	24	299	2.17	39	21
2	30	13	8	6	106	1.86	10	9
3	61	28	12	14	222	1.93	29	14
T	161	72	33	44	627	2.02	78	44
	52%	23%	11%	14%			5%	3%

Herd Totals

LINE	% 1st 5V	% PG by 90 DIM	Feed Cost: Cow/ Day	Cwt/ Milk	Cow Days: In Herd	In Milk	Cwt. Milk	Fat	S/P
12	45	72			42170	36154	21112	99122	79721
11	48	71			45578	40101	23807	119082	88238
10	49	66			47602	42305	25962	130192	94370
9	51	66			46778	41653	26980	134659	95669
8	55	68			88826	79347	54154	249911	188763
7	59	66			83936	73623	41214	197415	150225
6	57	66			47579	42160	22195	114523	86272
5	57	66			47899	41872	22070	112206	84759
4	56	66			50245	43128	22808	121637	89576
3	53	69			44636	38180	21480	113985	84932
2	53	71			44505	38170	21333	106951	84839
1	48	70			49785	43972	23557	121425	89415
0	46	69			52988	46730	25964	126338	96315
	53	68			569078	499411	288245	1431598	1074358

Cows Calving During Previous Year

LACT	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
1	53	57	45	66	60	58	63	31	52	66	75	69
2	35	36	33	33	39	21	36	28	33	34	34	46
3	31	32	28	29	47	17	46	44	55	54	80	57
T	119	125	106	128	146	96	145	103	140	154	189	172

Abortions / No. Cows Sold Beef

LACT	Abortions: Cur Mths	< 152D	> 151D	No. Cows Sold Beef: 3 Lprd	4 Rprb	5 Oth	7 Udr	Total	Age At Last Calving	Val. Prod. Feed Cost
1	3	2	25	25	1		3	29	22.3	
2	3	2	8	11			1	12	35.0	
3	1		12	20	2	1	1	24	59.1	
T	7	4	45	56	3	1	5	65	36.9	

Herd Average

LINE	TYPE	Test Date MM	DD	VER	AM PM	Dys On Tst	No of Rec	% Day 3X	Cow Mths	% DIM	DIM	Milk	% Fat	Fat	% S/P	S/P
12	31	02-03			P	28	1607		1406	86	169	50.1	4.70	2.35	3.78	1.89
11	31	03-03			P	31	1566		1519	88	167	52.2	5.00	2.61	3.71	1.94
10	31	04-07			P	32	1561	4	1587	89	166	54.5	5.01	2.74	3.63	1.98
9	31	05-05			P	31	1559	12	1559	89	170	57.7	4.99	2.88	3.55	2.05
8	31	06-09			P	57	1563	11	2961	89	176	61.0	4.61	2.81	3.49	2.13
7	31	08-25			P	55	1680	6	2798	88	177	49.1	4.79	2.35	3.64	1.79
6	31	09-28			P	31	1601	11	1586	89	178	46.6	5.16	2.41	3.89	1.81
5	31	10-26			P	31	1569	11	1597	87	184	46.1	5.08	2.34	3.84	1.77
4	31	11-30			P	32	1598	10	1675	86	187	45.4	5.33	2.42	3.93	1.78
3	31	12-28			P	28	1630	11	1488	86	185	48.1	5.31	2.55	3.95	1.90
2	31	01-25			P	28	1667	11	1484	86	176	47.9	5.01	2.40	3.98	1.91
1	31	02-22			P	31	1639	11	1660	88	172	47.3	5.15	2.44	3.80	1.80
0	31	03-29			P	33	1689	9	1766	88	172	49.0	4.87	2.38	3.71	1.82
Herd Avg. or Total						365	1614		1559	88	177	18488	4.97	918	3.73	689
STATE #H 201 #C17006									857	87	189	24035	3.92	941	3.24	778

Somatic Cell Summary

LINE	%L 0-4	%M 5-6	L2	Avg SCC	$Loss Per Cow
12	78	16	3.2	294	
11	81	14	3.1	248	
10	82	14	2.8	214	
9	84	13	2.6	186	
8	87	11	2.3	160	
7	83	13	2.7	224	
6	86	12	2.6	186	
5	85	13	2.6	164	
4	86	11	2.7	180	
3	83	13	2.9	244	
2	84	11	2.8	256	
1	87	10	2.8	206	
0	83	13	3.1	232	
Herd Avg. or Total	85	12	2.7	204	
STATE #H 201 #C17006	85	11	2.6	208	

Reproduction

LINE	Brd Rpt	Srv Conc	% H
12	199	2.22	78
11	217	2.17	79
10	314	2.16	79
9	267	2.06	80
8	331	1.95	79
7	689	1.75	80
6	372	1.74	79
5	318	1.75	78
4	382	1.78	78
3	313	1.82	77
2	297	1.84	79
1	265	1.96	78
0	376	2.05	79
Herd Avg. or Total	3688	1.88	78
STATE #H 201 #C17006	2364	2.46	67

Total Number of Cows

LINE	In Herd	Reg.	Entering Herd: 1-Lac	2-Lac	Sold for Beef: 3-Lprd	4-RPrb	5-Oth	7-Udr	Leaving Herd: 8-Beef	9-Died	7-Dairy	%	%L	RV
12	1506		47		77				77	7	17	6	5	96
11	1471		62		78				78	4	13	6	5	88
10	1505		90		38				38	3	15	4	3	89
9	1511		55		47				47	1		3	3	96
8	1525		56		35				35	3		2	2	98
7	1532		154	1	122		9	7	138	10		9	8	99
6	1535		68	1	55		3	3	61	5		4	4	97
5	1540		33		22			5	27	2		2	1	89
4	1573		57	1	18			7	25			2	1	93
3	1585		58	1	42		1		43	2		3	3	85
2	1574		82	1	71	1	5	11	88	5		6	5	96
1	1613		65		23			2	25	1		2	1	97
0	1619		77		56	3	1	5	65	5		4	3	96
Herd Avg. or Total	1555		727	1	501	4	19	40	564	35	4	37	31	95
STATE #H 201 #C17006	827	180	50%	1%	16%	4%	9%	4%	32%	6%	3%	43	16	93

* If Less Than 1%

HS

Herd Code	Dairy B	Test Date	03-10-2015	Breed	HO	String	

Stage Of Lactation Profile

		Stage of Lactation (Days)					
		1 - 40	41 - 100	101 - 199	200 - 305	306 +	Total or Average
Number Milking	1st Lact	38	84	115	121	47	405
	2nd Lact	29	76	77	91	33	306
	3+ Lacts	23	46	67	67	14	217
	All Lacts	90	206	259	279	94	928
Average Daily Milk	1st Lact	64	82	91	87	71	83
	2nd Lact	86	106	105	82	64	92
	3+ Lacts	89	117	106	85	53	97
	All Lacts	77	99	99	85	66	89
% Fat & Pro	1st Lact % Fat	4.8	3.8	3.9	4.0	4.3	4.0
	1st Lact % Pro	2.9	2.7	2.9	3.1	3.4	3.0
	2nd Lact % Fat	4.0	3.8	4.0	4.0	4.3	4.0
	2nd Lact % Pro	3.1	3.0	3.0	3.2	3.4	3.1
	3+ Lacts % Fat	4.2	4.2	4.1	4.0	4.2	4.1
	3+ Lacts % Pro	3.0	2.8	3.0	3.2	3.4	3.0
	All Lacts % Fat	4.4	3.9	4.0	4.0	4.3	4.0
	All Lacts % Pro	3.0	2.8	3.0	3.2	3.4	3.0
SCC SCR	1st Lact	2.5	1.3	1.4	2.0	2.8	1.8
	2nd Lact	2.1	2.6	2.8	3.5	4.4	3.1
	3+ Lacts	3.5	3.4	3.4	4.1	4.6	3.7
	All Lacts	2.6	2.2	2.3	3.0	3.6	2.7
SCC Score >= 4.0	Number	22	36	50	86	38	232
	Percent	24	17	19	31	40	25

Identification And Genetic Summary

Age Group	Number Animals	Avg. Age (Yr-Mo)	Num. Identified By Sire	Num. Identified By Dam	Number ID Changes	No. Animals with Merit $	Average Merit $ Animal	Average Merit $ Sire
0 - 12	612	0-06	609	609		606	+299	+521
13+	407	1-05	406	404		406	+264	+458
Replacements	1019	0-10	1015	1013		1012	+284	+495
1st Lact	493	1-09	486	488	8	210	+185	+355
2nd Lact	357	2-11	346	296	3	340	+154	+263
3+ Lacts	245	4-06	222	208	61	204	+84	+138
All Lacts	1095	2-09	1054	992	72	754	+144	+280
% Identified (Producing Females)			97	91	No. Heifers Age Over 30 Months			

Herd Merit $ Option
NM

	Genetic Profile of Service Sires: A.I. Progeny Tested	A.I. Genomic Tested	All Other A.I. Bulls	Non A.I. Bulls
% of Herd Bred to		100		
Number of Bulls Used	1	39		
Average Merit $	+259	+652	+0	
Avg. Percentile Rank (Net Merit)	72	99		

DCR Milk	97

Production By Lactation Summary

	Number of Cows	Avg. Age (Mo)	Peak Milk	Summit Milk	Proj 305 Day ME Milk	Proj 305 Day ME Fat	Proj 305 Day ME Pro	Difference From Herdmates Milk	Difference From Herdmates Fat	Difference From Herdmates Pro	Avg. Body Wt.
1st Lact	493	21	101	86	34288	1287	999	+1602	+85	+31	1210
2nd Lact	357	35	127	117	34550	1264	1031	+1772	+59	+57	1340
3+ Lacts	245	54	133	122	31474	1180	943	-1400	-26	-32	1470
All Lacts	1095	33	117	104	33752	1256	997	+977	+52	+25	1310

Somatic Cell Summary

	% Cows SCC Score 0,1,2,3 Below 142,000	4 142,000 283,000	5 284,000 565,000	6 566,000 1.13 M	7,8,9 Over 1.13 M
1st Lact	85	8	3	2	1
2nd Lact	64	12	8	7	8
3+ Lacts	49	16	12	9	14
All Lacts	70	11	7	6	7

Herd Production Lost From SCC This Test Period			
Milk	27,724	Dollars ($)	4,663

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days < 40	40-70	> 70	Cows Entered Num.	Cows Entered %	Cows Left Num.	Cows Left %
1						488	44	110	10
2	357	65	2	308	47			156	14
3+	245	65	5	184	56			216	20
All	602	65	7	492	103	488	44	482	44

Yearly Summary Of Cows Entered And Left The Herd

	Number of Cows Left the Herd: Dairy	Low Prod	Repro	Mast	Udder	Feet & Legs	Injury Other	Disease	Died	Not Rptd
1	3	11	24	8		21	23		20	
2	2	32	25	47		15	22		13	
3+	3	49	14	49		25	51		25	
All	8	92	63	104		61	96		58	

35	% Left Herd For Involuntary Reasons

Yearly Production And Mastitis Summary

Test Date	Days In Test Period	Number Cows In Herd On Test Day	Test Day Averages (Milking Cows) DIM	Milk	150 Day Milk	Test Period Persist. Index	Test Day Averages (All Cows) % In Milk	Milk	%Fat	%Pro	Rolling Yearly Herd Average Milk	Fat	Pro	Somatic Cell Count Summary % Cows SCC Score 0,1,2,3 Below 142,000	4 142,000 283,000	5 284,000 565,000	6 566,000 1.13 M	7,8,9 Over 1.13 M	Avg. SCC Linear Score	Wt. Avg. Actual SCC	MUN	Number Left Herd Died	Sold
Test Dropped	26	1091	181	85.4	91.6	103	87	74.5	3.7	3.1	28524	1057	885	67	13	7	5	7	2.8	271		4	24
4-15-14	35	1087	173	86.5	92.0	104	88	75.9	3.6	3.1	28371	1048	880	73	11	7	5	5	2.5	247		7	47
5-13-14	28	1087	172	89.0	94.0	106	87	77.2	3.7	3.0	28299	1042	878	73	12	6	4	5	2.5	239		4	30
6-10-14	28	1097	172	91.9	96.8	107	86	78.4	3.8	3.0	28302	1040	877	75	11	5	3	6	2.4	226		2	27
7-11-14	31	1100	173	91.0	97.1	105	87	79.3	3.6	3.0	28371	1043	879	79	9	5	4	4	2.2	192		7	27
8-15-14	35	1111	168	89.9	97.2	106	89	79.6	3.7	3.0	28457	1047	882	74	11	6	4	5	2.5	245		2	40
9-12-14	28	1105	172	90.7	98.3	104	88	80.0	3.7	3.0	28551	1052	883	73	10	7	4	6	2.5	238		3	28
10-16-14	34	1118	166	94.5	101.3	107	88	83.3	3.4	3.0	28679	1055	884	72	11	7	4	6	2.9	269		8	42
11-11-14	26	1108	168	97.1	103.9	110	86	83.7	3.5	3.0	28759	1053	884	76	10	6	4	5	2.4	210		7	34
12-09-14	28	1105	173	94.4	101.8	103	87	82.1	3.7	3.1	28805	1051	882	75	11	6	5	4	2.4	184		6	31
1-08-15	30	1118	171	91.5	97.5	100	89	81.6	3.8	3.1	28871	1053	882	72	12	6	5	4	2.5	204		2	29
2-10-15	33	1120	171	92.8	98.5	109	89	82.3	3.8	3.0	28990	1061	884	71	12	7	3	6	2.6	230		2	39
3-10-15	28	1095	171	89.4	93.7	103	86	76.8	4.0	3.0	29096	1069	884	70	11	7	6	7	2.7	298		8	50
Averages	30	1104	171	91.6	97.7	105	88	80.0	3.7	3.0				74	11	6	4	5	2.5	232		58	424

Test Period Avg. Milk Lbs	Added	79.6	Dropped	75.5