DHI-200 MONTHLY REPORT

The DHI-200 report provides concentrates fed and indicated data for individual cows as well as Income Over Feed Cost details. It is recommended that herds receiving this report provide detailed and accurate feed data.

HEADING INFORMATION

Breed - A two character alphabetic code to identify the herd's breed. If 75 % or more of the cows are of one breed, that breed is listed. The letters XX designate that no breed makes up 75 % of the herd.

Type Test - short name and code for the record plan on which the herd is enrolled.

Prev. Test - the month, day and year of the previous test for this herd.

Test Date - month, day and year that the DHI technician finished collecting or verifying data. If a technician records milk weights for the afternoon milking on July 16 and finishes the test the following morning, July 17 is the test date.

Processed - the month , day and year when all data for the current test day were processed at DRMS.

Herd Code is unique for each herd. The first two digits identify the state, the third and fourth digits identify the county, and the fifth through eighth digits identify the herd within the county.

Name - owner's name and farm name (if used) for the herd.

INFORMATION FOR MILKING ANIMALS

Breed - A two character alphabetic code is used to identify each cow's breed.

Sire ID / Permanent ID - The identity (ID) for the cow's sire is printed above the line and the cow's own eartag or registration number is printed below the line.

Sire ID - Each herd may elect to have AI sires identified by National Association of Animal Breeders (NAAB) Code Number or by NAAB Code Name. Let your technician know your preference. NAAB code numbers are used if no choice is made. Non-AI sires in the cross-reference file can be identified by their short name. To send a short name for a Non-AI sire for the DRMS cross-reference file, see your technician.

Permanent ID - A registration number, standard series eartag, American ID or 15-digit ID is usually available for each cow. These numbers may be used or ID may be left blank for herds whose records are not sent to USDA for genetic evaluation.

TEST DAY DATA

Daily Milk - Milk weights from the previous and current test days are shown. One of several messages could print:

TOO FSH - cow was in milk less than 4 days on test day. Milk weights, if reported, were not used.

NO WTS - milk weights were not reported on the first test.

A, E or H - milk weight was estimated using last month's milk production.

***** - production dropped more than 20% and at least 10 lbs. since previous test day.

DRY - cow was dry on test day.

LEFT - cow removed from herd this test period.

Pro% / Fat% - If available, fat and protein results from milk samples taken on test day are printed.

Daily IOFC (Income Over Feed Cost) - is the income left after subtracting test day feed cost from test day milk income. Feed cost is estimated using the cow's body weight and the feed quantities and prices reported. Milk income (or value of product) is calculated each test day based on the cow's milk yield, fat and protein percentages, and the milk price and fat/protein differentials reported for the herd.

Concentrates data is provided for those herds reporting feed consumption for individual cows.

Lbs Fed shows the amount reported for each cow.

Indicated gives the amount of feed needed to supplement forages and other feed consumed to maintain the cow's reported body weight and current level of milk production. Indicated will be blank unless the herd is on the "LBS CONC." option (see your technician to request this option).

SCS or SCC - Somatic cell count scores or actual SCC to the nearest 100,000 cells for the previous and current test day are printed for herds receiving the SCC test on samples. Be sure your technician knows your preference for SCC results (actual or linear score).

Status Code / Date - displays the current status code for each cow. The month and day of her most recent status change is printed underneath the code. A key to the status codes is printed at the bottom of the report.

Index / Barn Name - Every cow on DHI must have a unique 5-digit index number. The Barn Name for each cow is printed beneath the Index Number for herds using barn names. A barn name may consist of any combination of up to seven letters or numbers.

Days in Milk - If the cow was enrolled prior to or at the time of calving, the number of days in milk during the current lactation (Lactation To Date) is normally printed under the "Days in Milk" heading. The message "INC" prints in place of days in milk for cows in milk over 75 days when the first test day production is obtained. On the test day a cow reaches or exceeds 305 days in milk, 305 prints as the "Days In Milk". Similarly, 365 prints after a cow completes a 365-day record if the herd is on the 365-day record option (which can be requested through your technician).

LACTATION TO DATE

Milk - the total pounds of milk the cow produced during the current lactation. Pounds of milk produced during the first 305 days is printed the month the 305-day record is completed. Pounds of milk produced during the first 365 days is printed the month a 365-day record is completed if the herd is on the 365-day record option. (See your technician to request this option.)

Pro% / Fat% - Lactation-to-date fat and protein percentages are printed if lactation-to-date milk and component yields are printed. If either 305-day or 365-day yields are printed, the corresponding component percentages will print.

Pro / Fat is the total component yields (pounds of fat and protein) produced during the current lactation. Total yields for the first 305 days or first 365 days are printed the month those records are calculated.

Projected 305 ME - Projected lactation records in this section can be calculated and printed as actual 305-day or standardized, 2X, ME records. Let your technician know which type of projected lactation record you prefer. The Test Interval method is used for calculating production records as described in the National DHIA Uniform Operating Procedures. All records are standardized to make records for different cows comparable. Records for cows milked three times per day (3X) are usually adjusted to a two times per day (2X) basis, except for those affiliates that have chosen not to adjust production from 3X herds to a 2X basis. Lactation length is standardized by using production for the first 305 days for cows in milk over 305 days. Projected 305-day, 2X records are adjusted for age, season of calving and location to obtain ME records. Standardized milk and fat records may be lower than the corresponding actual records for certain cows freshening at a mature age and in a favorable season or for cows milked 3X. Standardized lactation records do not change after 305 days in milk or after the cow has been turned dry.

Diff. from Herdmates is the number of pounds of milk, fat and protein that the current 305-day ME record is above (+) or below (-) the average of herdmates. Herdmates are all other animals of the same breed that freshened in the same herd during the same year and season.

IOFC (Income Over Feed Cost) indicates each cow's net return above feed cost since beginning the previous dry period. These values are only calculated for herds reporting feed information. Feed cost is estimated for each cow for each test period using the cow's body weight, and the feed quantities and prices reported. Lactation-to-date feed cost for each cow is accumulated from the previous dry date through the

current test day. Value of product (milk income) is calculated for each test period based on the cow's milk yield, fat and protein percentages, and the milk price and fat/protein differentials reported for the herd. The lactation to date value of product is accumulated from the calving date through the current test day. Lactation- to-date income over feed cost is obtained by subtracting the lactation to date feed cost from the lactation-to- date value of product. Dry cows and cows very early in lactation frequently have a negative income over feed cost because their income to date is less than their feed cost since being turned dry.

Value Product indicates the accumulated dollar value of each cow's milk production for the current lactation. The calculation includes appropriate fat and protein percentages for each cow and the herd milk price and fat/ protein differentials reported each test day.

BREEDING INFORMATION

Repro - this column includes the number of services and a reproductive code. These codes are:

- *C - Do Not Breed*: cows are excluded from any reproductive summary calculations. It is assumed that these cows are to be sold without rebreeding.
- *E - Estimated Bred Date*: an estimated bred date was calculated based upon rectal palpation or ultra-sound; cow will be treated as a pregnant cow in all reports and summaries.
- *H - In Heat*: cow was in heat but was not serviced on the date provided.
- *K - Checked OK to Breed*: cows which have passed a postpartum examination.
- *N - Open*: cows found "not pregnant" upon rectal palpation or ultrasound.
- *P - Diagnosed Pregnant*: cows confirmed pregnant by rectal palpation or ultrasound.
- *W - Diagnosed Pregnant with Twins:* cows confirmed pregnant with twin by palpation or ultrasound.

Service Sire ID can display as either code name or code number. Let your technician know which ID you prefer. All service sires should be reported by AI code number or registration number so that appropriate sire proof information can be recalled from data files.

Breed or Heat Date gives the cow's most recent reported breeding or heat date.

Due Date is calculated from each cow's last reported breeding date and the gestation period appropriate for the breed. The due date is calculated and printed on the first DHI report after the breeding date is reported. Every cow with a breeding date reported will have a due date printed, even if pregnancy has not been confirmed. A cow who passes her expected due date will have the message "Past Due" overprinted above the Breeding Date instead of the last reported service sire. Any cow with a "Past Due" message printed should be checked to verify the last reported breeding date. $$ will appear in the Due Date column if the calf from this breeding is calculated to be in the U.S. DHIA top 5% genetically. *Gestation periods used by DRMS are: Ayrshire - 282 days; Brown Swiss-290 days; Guernsey-286 days; Holstein-280 days; Jersey - 279 days; Other-282 days; Goat breeds - averages 150 days with a range of 145 to 157 days.*

MANAGEMENT FACTORS

Action Code refers to a management decision to be made by the producer relating to each individual cow. A key to these codes is printed in the bottom left corner of the report. A combination of action codes means that the cow has exceeded the limit set for both codes. For example, (BN) would indicate a cow open more than 100 days which should be serviced on the next heat.

Rating is a letter rating to categorize cows into five production groups based on their current lactation. To determine the rating, the current 305-day, 2X, ME records for all cows are adjusted to a 3.5% fat and 3.2% protein energy corrected milk (ECM) basis. (The formula for ECM is 0.327 x milk lbs.+12.95 x fat lbs.+7.65 x protein lbs.) The ECM record for each cow is divided by the ECM lactation average for the herd and the results are designated as follows:

A = Top Cows - more than 110% of herd average

B = Above Average - 100 to 110% of herd average

C = Below Average - 90 to 100% of herd average

D = Marginal Cows - 80 to 90% of herd average

E = (probable cull cows) - < 80% of herd average

Note: breed adjustments are applied when calculating ratings for multi-breed herds.

Pers. Of Lact. Curve is an index based upon each cow's projected 305 ME production. The projection made on the first test day after 80 days in milk is the base for the entire lactation with a new projection calculated each subsequent test day. The formula is (New Projection/Base Projection) X 100 = Persistency of Lactation Curve. A persistency of 100 indicates that the lactation curve is similar to the average for animals of the same breed, age and season of calving.

Days Dry / Days Open - For cows in milk, the number of days dry prior to the current lactation is printed. The number of days dry through the current test day is printed for cows currently dry (first lactation cows in milk have no days dry). The number of days open following the most recently reported calving date is printed. Days open is the interval from date of calving through the most recent breeding date for cows with Due Dates, or the interval from date of calving through the current test day for open cows.

Age at Calving is given in years and months and is calculated from the date of birth. Cows entering the herd without a birth date reported will receive an estimated birth date according based on breed and lactation number. More details are in the DHI Glossary on the DRMS website. Incorrect ages will affect feed needed, 305-2X-ME, and herdmate comparison figures so an accurate birth date or best estimate must be included for each cow.

Body Wt. is the last reported body weight of the cow rounded to the nearest 100 pounds (900 lbs will print as 9; 1325 will print as 13). For accuracy of feed cost calculations, cows should be weighed or taped at each calving and the new weight provided to the DHI technician. Cows entering the herd with no body weight reported are estimated based on lactation number or heart girth length. More details are in the DHI Glossary on the DRMS website.

CAR (Conditions Affecting Record) are identified by codes which provide several kinds of information about the cow's record or the current milk weight or component test. Numeric CAR's provide termination codes which enable the record to be used properly in genetic evaluations. Alpha codes indicate something about the current test day's milk weight or component test. Reported codes A (abnormal) and H (in heat) do not print unless production was off enough to be estimated using last test day production (40% rule). F indicates the technician was unable to collect a sample, and fat and protein will be estimated by DRMS. L indicates the lab was unable to get results on the sample, and fat and protein will be estimated by DRMS.

Rolling Herd Average for pounds of Milk, Fat and Protein is displayed at the bottom center of the page.

DRMS
DAIRY RECORDS MANAGEMENT SYSTEMS
www.drms.org

Breed
JE
Type Test
0-DHI

MONTHLY REPORT

Prev. Test **09-08-2010** | Test Date **10-15-2010** | Processed **10-15-2010**

55-99-9999
HENRY SMITH
SMITH DAIRY FARM

DHI-200

Breed	Sire ID / Permanent ID	Test Day Data: Daily Milk Last Test	Daily Milk This Test	Pro% Fat%	Daily IOFC Concentrates Lbs Fed	Daily IOFC Concentrates Indicated	SCS Last Test	SCS This Test	Status Code / Date	Index / Barn Name	Days in Milk	Lactation To Date: Milk	Pro% Fat%	Pro Fat	Projected 305 ME Diff. from Herdmates Milk	Projected 305 ME Diff. from Herdmates Fat	Projected 305 ME Diff. from Herdmates Pro	IOFC Value Prod.	Repro	Service Sire ID: Breed or Heat Date	Service Sire ID: Due Date	Management Factors: Action Code	Rating	Pers. of Lact Curve	Days Dry / Days Open	Age At Calving	Body Wt.	CAR
HO	AFTERBRNP 13WDU4497	52	46	2.8 3.5	3.11 18	11	3.1	2.6	6 08-25	680 ALLIE	52	2465	3.0 3.5	75 87	13971 -4333	542 -117	425 -122	189 375					E		52	3-04	1330	
JE	PIPER 13WDP9424	49	39	3.7 5.0	4.08 18	10	5.3	5.2	2 04-21	240 AMBER	178	9680	3.3 4.2	317 410	13222 +293	596 +6	448 -23	920 1645	1	ALLSTAR 07-18	04-23	P	C	105	52 88	6-00	1050	
JE	MANHATTAN 13WDU4478		54	3.1 3.9	4.53 24	21		0.1	2 09-05	662 APPLE	41	2011	3.4 4.3	68 86				109 330							54 41	3-10	960	
HO	RONNIE 13WDU4365	37	DRY		-1.13		3.3		3 10-03	155 APRIL	394	19808	3.1 3.5	610 694	18949 +1456	658 +8	560 +30	-14 2701	1	IAN 02-26	12-03	G	C	116	13 175	3-02	1210	
JE	KENZIE 13WDU4477	37	26	4.6 6.1	2.81 18	9	0.5	0.7	6 11-09	502 ASTER	341	12572	3.7 5.1	467 637	12815 -420	626 +25	456 -13	1110 2334	1	VERMEER 04-12	01-16		C	126	154	3-00	880	C
JE	KENZIE 13WDU4489		39	3.4 4.1	5.81	12		2.5	6 09-12	679 BAILEY	34	1165	3.8 4.5	44 53				172 203							34	3-07	960	
JE	NICHOLAS 13WDU4584		40	3.6 4.0	6.21	16		1.2	6 09-12	693 BARLEY	34	1164	4.0 4.4	46 51				177 205							34	2-10	880	
HO	NEX 13WDV4500		DRY		-1.36				3 08-30	150 BEA	300	19440	2.8 3.5	553 690	19751 +2392	701 +58	573 +46	-65 2600	1	SUREFIRE 01-18	10-25	G	B	98	47 76	9-09	1460	
JE	S 13WDU4515		32	3.4 4.5	4.95	12		1.2	6 09-10	682 BECKY	36	999	3.7 4.9	37 49				151 181							36	3-00	880	
JE	PARKER 13WDU4318		51	3.9 4.2	5.71 20	19		4.6	2 10-04	654 BLOSSOM	12	484	4.3 4.5	21 22				-25 90							60 12	4-10	1050	
JE	DISTANCE 13WDP9473	30	DRY		-0.98		4.6		3 09-18	229 BRANDY	302	14212	3.6 4.4	515 619	14290 +1137	610 +8	508 +41	-27 2390	1	IMPULS 02-02	11-08	G	B	107	28 74	5-00	1050	
JE	IMPULS 13WDU4313	38	DRY		-0.89		4.6		3 10-12	655 CANDY	311	12936	4.1 5.0	533 651	13001 -282	641 +37	525 +57	-3 2493	1	AHLEM 03-03	12-07		B	117	4 88	4-01	960	C
JE	ADVENT 13WDP9365	37	DRY		-0.98		5.7		3 09-18	233 CARLA	363	16160	3.9 4.8	626 771	14654 +1446	692 +92	557 +84	-27 2834	2	LUCKY 02-06	11-12	G	A	113	28 139	5-07	1050	
JE	MANHATTAN 13WDU4325	22	DRY		-0.89		3.8		3 09-13	651 CLOVER	369	12609	4.0 4.9	508 621	12119 -1166	578 -25	476 +1	-29 2260	2	STONE 01-30	11-05	G	C	107	33 143	3-08	960	
JE	PIPER 13WDP9460		DRY		-0.98				3 08-30	232 CRISSY	310	15040	3.5 4.0	526 602	15197 +2120	589 -6	516 +48	-48 2370	1	LUCKY 01-16	10-22	G	B	111	47 84	5-01	1050	
JE	RINGO 13WDP9470	54	* 40	3.7 4.6	3.66 20	12	4.3	4.6	2 05-06	234 DANDY	163	9419	3.2 4.7	306 443	13605 +794	646 +61	458 -5	999 1657	1	JOULE 07-16	04-21		B	102	54 71	5-06	1050	
JE	MORTIMER 13WDU4373	51	* 38	3.4 4.6	3.55 18	11	2.9	2.7	6 08-05	705 DANNY	72	3269	3.5 4.2	114 138	11030 -1290	508 -53	394 -52	359 574				B	D		72	4-00	960	
JE	KENZIE 13WDU4372		35	3.9 4.6	2.41 24	10		2.9	2 09-21	666 DILLON	25	748	4.4 5.1	33 38				-41 145							58 25	4-04	1050	
JE	BRONSON 13WDP9461		60	3.5 3.8	5.86 24	23		5.0	2 09-21	231 DOLLY	25	1275	4.0 4.2	51 54				26 218							61 25	6-00	1050	
HO	PULITZERP 13WDU4449	28	18	3.8 4.4	-0.30 18	4	3.7	3.7	6 10-24	700 DOTTIE	357	14281	3.2 3.7	452 525	14958 -3200	540 -130	459 -87	728 2114	1	PAINTER 04-06	01-11	D	E	107	164	2-11	1210	

Action Codes:
D. Dry cow off 60 days before Due Date
B. Breed cow next heat period after 60 Days in Milk
N. Cow open 100 days or more
G. Start grain feeding 21 days before Due Date
P. Check pregnancy 60 days after reported breeding

Reproduction Codes (Repro):
1-9 No. Breedings
C. DNB (Do Not Breed)
E. Estimated Bred Date
H. In Heat
K. Checked OK to Breed
N. Open
P. Diagnosed Pregnant
W. Diag. Preg. w/twins

Rolling Herd Average

Milk	Fat	Pro
13564	609	484

Status Codes:
1. In Milk
2. Calved
3. Dry
5. Left Herd
6. First Lact
7. Entered Herd
8. Aborted
9. Induced Lact

Condition Affecting Record (CAR):
1. Sold Feet/Legs
2. Sold Dairy
3. Sold Low Prod.
4. Sold Repro.
5. Sold Injury/Other
6. Died
7. Sold Mastitis
8. Sold Disease
9. Sold Udder
X. Sold Reason Not Rprtd.
B. Started or Ended by Abortion
C. 305 Day Rec. computed
A. Abnormal
E. Estimated Production
F. Fat% Est. by Supv.
H. In Heat on Test Day
I. Injtd. Prior or During Milk
L. Fat% Est. by Lab

$$ in Due Date = Calf from this mating will be in U.S. DHIA top 5% genetically.
* = 20% Milk Prod. decline with at least 10 Lbs since prev. test.
Persistency of lactation is the percent of first 305 day ME milk after 50 days in milk.

Rating Codes:
A. Top Cows
B. Above Average
C. Below Average
D. Marginal Cows
E. Bottom Cows

Breed
JE
Type Test
0-DHI

MONTHLY REPORT

Prev. Test **09-08-2010** | Test Date **10-15-2010** | Processed **10-15-2010**

55-99-9999
HENRY SMITH
SMITH DAIRY FARM

DHI-200

Breed	Sire ID / Permanent ID	Test Day Data: Daily Milk Last Test	Daily Milk This Test	Pro% Fat%	Daily IOFC Concentrates Lbs Fed	Daily IOFC Concentrates Indicated	SCS Last Test	SCS This Test	Status Code / Date	Index / Barn Name	Days in Milk	Lactation To Date: Milk	Pro% Fat%	Pro Fat	Projected 305 ME Diff. from Herdmates Milk	Projected 305 ME Diff. from Herdmates Fat	Projected 305 ME Diff. from Herdmates Pro	IOFC Value Prod.	Repro	Service Sire ID: Breed or Heat Date	Service Sire ID: Due Date	Management Factors: Action Code	Rating	Pers. of Lact Curve	Days Dry / Days Open	Age At Calving	Body Wt.	CAR
	********** Lactations (305, 365, Left & Complete) Completed This Test Period **********																											
HO	RONNIE 13WDU4365	37			Dry 10-03-10		6 09-04	155 APRIL	394	19808	3.1 3.5	610 694	18949 +1456	658 +8	560 +30	-14 2701	1	IAN 02-26	12-03		C	116	13 175	3-02	1210	
JE	KENZIE 13WDU4477	37	26	4.6 6.1	305 Day		6 11-09	502 ASTER	305	11442	3.7 5.0	418 574	12815 -420	626 +25	456 -13	1110 2334	1	VERMEER 04-12	01-16		C	126	154	3-00	880	
JE	DISTANCE 13WDP9473	30			Dry 09-18-10		2 11-20	229 BRANDY	302	14212	3.6 4.4	515 619	14290 +1137	610 +8	508 +41	-27 2390	1	IMPULS 02-02	11-08		B	107	28 74	5-00	1050	
JE	IMPULS 13WDU4313	38			Dry 10-12-10		2 12-05	655 CANDY	311	12936	4.1 5.0	533 651	13001 -282	641 +37	525 +57	-3 2493	1	AHLEM 03-03	12-07		B	117	4 88	4-01	960	
JE	IMPULS 13WDU4313	38			305 Day		2 12-05	655 CANDY	305	12746	4.1 5.0	525 641	13001 -282	641 +37	525 +57	-3 2493	1	AHLEM 03-03	12-07		B	117	4 88	4-01	960	
JE	ADVENT 13WDP9365	37			Dry 09-18-10		2 09-20	233 CARLA	363	16160	3.9 4.8	626 771	14654 +1446	692 +92	557 +84	-27 2834	2	LUCKY 02-06	11-12		A	113	28 139	5-07	1050	
JE	MANHATTAN 13WDU4325	22			Dry 09-13-10		2 09-09	651 CLOVER	369	12609	4.0 4.9	508 621	12119 -1166	578 -25	476 +1	-29 2260	2	STONE 01-30	11-05		C	107	33 143	3-08	960	
JE	ADVENT 13WDP9326	46	36	3.9 4.9	305 Day		2 11-20	639 EDA	305	15279	3.6 4.6	554 710	15126 +2020	689 +92	537 +72	1365 2861	2	STONE 03-29	01-02		A	115	57 129	6-02	1050	
JE	MOR 13WDP9453	29			Dry 09-13-10		2 11-12	226 HILLARY	305	13550	3.7 4.8	501 648	13550 +356	635 +35	491 +24	-32 2405	1	JOLLE 01-26	11-01		B	114	33 75	5-02	1050	
JE	MOR 13WDP9453	29			305 Day		2 11-12	226 HILLARY	305	13550	3.7 4.8	501 648	13550 +356	635 +35	491 +24	-32 2405	1	JOLLE 01-26	11-01		B	114	33 75	5-02	1050	
JE	DISTANCE 13WDP9469	30			305 Day		2 11-13	647 LYNN	305	12649	3.7 4.7	474 598	12649 -595	586 -17	465 -4	-22 2297	1	136JE00003 02-07	11-13		C	113	23 86	5-01	1050	
JE	DISTANCE 13WDP9469	30			Dry 09-23-10		2 11-13	647 LYNN	314	12905	3.8 4.7	485 611	12649 -595	586 -17	465 -4	-22 2297	1	136JE00003 02-07	11-13		C	113	23 86	5-01	1050	
JE	ADVENT 13WDP9351	30			Dry 09-23-10		2 10-16	230 MISTY	342	15878	3.5 4.5	558 718	14916 +1831	658 +65	507 +39	-22 2623	2	IMPULS 02-13	11-19		B	116	23 120	5-10	1050	
JE	NEBRASKA 13WDP9341	37			Sold 10-07-10		2 10-23	645 SAM	350	14692	3.6 4.8	530 698	13236 +100	615 +21	463 -7	2554					C	111	350	5-11	1050	X
HO	VEEMATT 13WDP9177	36			Sold 09-09-10		2 07-30	149 SHADOW	42	1546	3.6 4.4	56 68	11390 -5649	499 -138	420 -106	263					E		42	7-09	1460	X
JE	MONROE 13WDP9183	47	41	3.9 4.6	305 Day		2 12-03	630 SHANNON	305	13084	3.6 4.5	465 587	12822 -471	575 -33	456 -16	1124 2338					C	130	54 317	7-00	1050	
HO	JACOBS 13WDP9452	27			Dry 09-23-10		2 10-31	152 TRIGGER	327	16585	3.1 3.7	512 607	15844 -2166	573 -91	489 -52	-31 2362	2	GELICA 02-07	11-14		D	110	23 99	5-02	1460	

Action Codes:
D. Dry cow off 60 days before Due Date
B. Breed cow next heat period after 60 Days in Milk
N. Cow open 100 days or more
G. Start grain feeding 21 days before Due Date
P. Check pregnancy 60 days after reported breeding

Reproduction Codes (Repro):

1-9 No. Breedings	K. Checked OK to Breed
C. DNB (Do Not Breed)	N. Open
E. Estimated Bred Date	P. Diagnosed Pregnant
H. In Heat	W. Diag. Preg. w/twins

Rolling Herd Average

Milk	Fat	Pro
13564	609	484

Status Codes:

1. In Milk	6. First Lact
2. Calved	7. Entered Herd
3. Dry	8. Aborted
5. Left Herd	9. Induced Lact

Condition Affecting Record (CAR):

1. Sold Feet/Legs	7. Sold Mastitis	A. Abnormal
2. Sold Dairy	8. Sold Disease	E. Estimated Production
3. Sold Low Prod.	9. Sold Udder	F. Fat% Est. by Supv.
4. Sold Repro.	X. Sold Reason Not Rprtd.	H. In Heat on Test Day
5. Sold Injury/Other	B. Started or Ended by Abortion	I. Injtd. Prior or During Milk
6. Died	C. 305 Day Rec. computed	L. Fat% Est. by Lab

$$ in Due Date = Calf from this mating will be in U.S. DHIA top 5% genetically.
* = 20% Milk Prod. decline with at least 10 Lbs since prev. test.
Persistency of lactation is the percent of first 305 day ME milk after 50 days in milk.

Rating Codes:

A. Top Cows	D. Marginal Cows
B. Above Average	E. Bottom Cows
C. Below Average	

DHI-210 MONTHLY REPORT

The DHI-210 report provides test day SCC and milk weights for up to nine previous test days as well as the current test day. Two previous breeding dates as well as the current breeding date are also provided.

HEADING INFORMATION

Breed- A two character alphabetic code to identify the herd's breed. If 75 % or more of the cows are of one breed, that breed is listed. The letters XX designate that no breed makes up 75 % of the herd.

Type Test - short name and code for the record plan on which the herd is enrolled.

Prev. Test - the month, day and year of the previous test for this herd.

Test Date- month, day and year that the DHI technician finished collecting or verifying data. If a technician records milk weights for the afternoon milking on July 16 and finishes the test the following morning, July 17 is the test date.

Processed - the month , day and year when all data for the current test day were processed at DRMS.

Herd Code is unique for each herd. The first two digits identify the state, the third and fourth digits identify the county, and the fifth through eighth digits identify the herd within the county.

Name - owner's name and farm name (if used) for the herd.

INFORMATION FOR MILKING ANIMALS

Breed- a two character alphabetic code is used to identify each cow's breed.

Sire ID / Permanent ID - The identity for the cow's sire is printed above the line. The cow's own eartag or registration number is printed below the line.

Sire ID - Each herd may elect to have AI sires identified by National Association of Animal Breeders (NAAB) Code Number or by NAAB Code Name. Let your technician know your preference. NAAB Code Numbers are used if no choice is made. Non-AI sires in the cross-reference file can be identified by their short name. To send a short name for a Non-AI sire for the DRMS cross-reference file, see your technician.

Permanent ID - A registration number, standard series eartag, American ID, or 15-digit ID number is usually available for each cow. Any of these numbers may be used or ID may be left blank for herds whose records are not sent to USDA for genetic evaluation.

Somatic Cell Count and Milk Weights by Test Day - SCC data and daily milk weights for as many as nine previous test days during the current lactation are printed in the columns to the left of the current test day data. The calendar month for each of these preceding tests is printed at the top of column.

SCC / Milk - Current Somatic Cell Count Score or actual SCC to the nearest 100,000 and milk weights for each cow in milk are printed in the column below the test month. Be sure your technician knows your preference for SCC results (actual or linear score). Somatic cell counts for up to four test days from the previous lactation are also printed during the first few months of the current lactation.

Milk - displays test day milk production, or one of several messages could print:

TOO FSH - cow was in milk less than 4 days on test day. Milk weights, if reported, were not used.

NO WTS - milk weights were not reported on the first test.

A, E or H - milk weight was estimated using last month's milk production.

***** - production dropped more than 20% and at least 10 lbs. since previous test day.

DRY - cow was dry on test day.

LEFT - cow removed from herd this test period

Pro% / Fat% - If available, test day protein and fat % are printed in the rightmost column beside current test date SCC / Milk.

LACTATION TO DATE

Lact No. - The current lactation number for each cow is printed above her age at freshening. Cows entering the herd without a lactation number reported will be estimated based on age. More details are in the DHI Glossary on the DRMS website. If this estimated lactation number is incorrect, advise your DHI technician so a correction can be made.

Age Yr / Mo - Age at freshening is given in years and months and is calculated from the date of birth reported when the cow was enrolled. Cows entering the herd without a birth date reported will receive an estimated birth date based on breed and lactation number. More details are in the DHI Glossary on the DRMS website. Incorrect ages will affect feed needed, 305-2X-ME, and herdmate comparison figures so an accurate birth date or best estimate must be included for each cow.

Status Date / Code - displays the current status code for each cow. The month and day of her most recent status change is printed to the left of the code. A status codes key is printed near the bottom of the column.

Index / Barn Name - Every cow on DHI must have a unique 5-digit index number. The Barn Name for each cow is printed beneath the Index Number for herds using barn names. A barn name may consist of any combination of up to seven letters or numbers.

CAR - If there is an applicable CAR (condition affecting record) code, it is printed. A key for the CAR codes is printed at the bottom of the form. These codes provide several kinds of information about the cow's record or the current milk weight or component test. Numeric codes provide termination codes which enable the record to be used properly in genetic evaluations. Alpha codes indicate something about the current test day's milk weight or component test. Reported codes A (abnormal) and H (in heat) do not print unless production was low enough to be estimated using last test day production (40% rule). F indicates that the technician was unable to collect a sample, and the fat and protein will be estimated by DRMS. L indicates that the lab was unable to get results on the sample, and fat and protein will be estimated by DRMS.

DIM (Days In Milk) - If the cow was enrolled prior to or at the time of calving, the number of days in milk during the current lactation is normally printed here. The message "INC" prints in place of days in milk for cows in milk over 75 days when the first test day production is obtained. On the test day a cow reaches or exceeds 305 days in milk, 305 prints as the "Days In Milk". Similarly, 365 prints after a cow completes a 365-day record if the herd is on the 365-day record option (which can be requested through your technician).

Milk is the total pounds of milk the cow produced during the current lactation. Pounds of milk produced during the first 305 days are printed the month the 305-day record is completed. Pounds of milk produced during the first 365 days are printed the month a 365-day record is completed if your herd is on that option (see your technician to request this option)

Pro% / Fat% - Lactation-to-date fat and protein percentages are printed if lactation-to-date milk and component yields are printed. If either 305-day or 365-day yields are printed, the corresponding component percentages will print.

Pro / Fat is the total pounds of fat and protein produced during the current lactation. Total yields for the first 305 days or first 365 days are printed the month those records are calculated (if on the 365 day option).

Rating - Letter ratings categorize cows into five production groups based on their current lactation. To determine the rating, current 305-day, 2X, ME records for all cows are adjusted to a 3.5% fat and 3.2% protein energy corrected milk (ECM) basis. (The formula for ECM is 0.327 x milk lbs.+12.95 x fat lbs.+7.65 x protein lbs.) The ECM record for each cow is divided by the ECM lactation average for the herd and the results are designated as follows:

A = Top Cows - more than 110% of herd average

B = Above Average - 100 to 110% of herd average

C = Below Average - 90 to 100% of herd average

D = Marginal Cows - 80 to 90% of herd average

E = (probable cull cows) - < 80% of herd average

Note: breed adjustments are applied when calculating ratings for multi-breed herds.

Proj. Protein / Proj. Milk - Projected lactation records in this section can be calculated and printed as actual 305-day or standardized, 2X, ME records. Let your technician know which type of projected lactation record you prefer. The *Test Interval method* is used for calculating production records. All records are standardized to make records for different cows comparable. Records for cows milked three times per day (3X) are usually adjusted to a two times per day (2X) basis, except for those affiliates that have chosen not to adjust production from 3X herds to a 2X basis.. Lactation length is standardized by using production for the first 305 days for cows in milk over 305 days. Projected 305-day, 2X records are adjusted for age, season of calving and location to obtain ME records. Standardized milk and fat records may be lower than the corresponding actual records for certain cows freshening at a mature age and in a favorable season or for cows milked 3X. Standardized lactation records do not change after 305 days in milk or after the cow has been turned dry.

Income Over Feed $ - indicates each cow's net return above feed cost since beginning the previous dry period. These values are only calculated for herds reporting feed information. Feed cost is estimated for each cow for each test period using the cow's body weight, and the feed quantities and prices reported. Lactation-to-date feed cost for each cow is accumulated from the previous dry date through the current test day.

Value of product (milk income) is calculated for each test period based on the cow's milk yield, fat and protein percentages, and the milk price and fat/protein differentials reported for the herd. The lactation-to-date value of product is accumulated from the calving date through the current test day. Lactation-to-date income over feed cost is obtained by subtracting the lactation to date feed cost from the lactation-to-date value of product. Dry cows and cows very early in lactation frequently have a negative income over feed cost because their income to date is less than their feed cost since being turned dry.

ERPA Milk (Estimated Relative Producing Ability Milk) is the best available estimate of a cow's future relative producing ability, considering her previous lactations and the record in progress. It is the difference between the average of a cow's 305-day, 2X, ME records and the average of all her herdmates' 305-day, 2X, ME records, weighted by the cow's number of lactations. Herdmates are all other animals of the same breed that freshened in the same herd during the same year and season.

BREEDING INFORMATION

Previous - displays the two most recently reported heat or breeding dates and corresponding service numbers.

Repro - includes previously reported reproduction codes and service numbers.

- *C* - *Do Not Breed*: cows are excluded from any reproductive summary calculations. It is assumed that these cows are to be sold without rebreeding.
- *K* - *Checked OK to Breed*: cows which have passed a postpartum examination.
- *N* - *Open*: cows found "not pregnant" upon rectal palpation or ultrasound.
- *H* - *In Heat*: cow was in heat but was not serviced on the date provided.
- *P* - *Diagnosed Pregnant*: cows confirmed pregnant upon rectal palpation or ultrasound.
- *E* - *Estimated Bred Date*: an estimated bred date was calculated based upon rectal palpation or ultrasound; cow will be treated as a pregnant cow in all reports and summaries.

Breed or Heat Date - includes the month and day of previously reported breedings or heats.

Current - The most recent reproduction information available is printed in this section.

Intvl Days is the number of days between the current and the most recent, previously reported heat or breeding date is printed under. This interval is helpful in monitoring missed heats or irregular heat cycles

Repro - includes the most recently reported reproduction code and service number

Service Sire ID- if known, the ID will be printed unless the cow has been diagnosed open. Service sire identification can display as either code name or code number. Let your technician know which ID you prefer. All service sires should be reported by AI code number or registration number so that appropriate sire proof information can be recalled from data files.

Breed or Heat Date - The most recent date is printed adjacent to the REPRO column and under the service sire ID.

Due Date - If the most recent date is a breeding date and the cow has not been diagnosed open, the due date for that breeding date is printed next to it. If a cow is reported open after a breeding date and service number

have been reported, the service number and breeding date continue to print with an "N" above the service number, but due date is omitted until a new breeding is reported. Once a cow is reported pregnant, the "P" and service number are both printed in the REPRO column until the cow calves or is diagnosed open. Due Date is calculated from each cow's last reported breeding date and the gestation period appropriate for the breed. $$ will appear in the Due Date column if the calf from this breeding is calculated to be in the U.S. DHIA top 5% genetically.

Gestation periods used by DRMS are: Ayrshire - 282 days; Brown Swiss - 290 days; Guernsey - 286 days; Holstein - 280 days; Jersey - 279 days; Other - 282 days.; Goat breeds - average 150 days with a range of 145 to 157 days. Due Date is calculated and printed on the first DHI report after the breeding date is reported by the DHI technician. A cow who passes her expected due date will have the message "Past Due" overprinted above the Breeding Date and Due Date instead of the last reported service sire. Any cow with a "Past Due" message printed should be checked to verify the last reported breeding date.

Days Dry- For cows in milk, the number of days dry prior to the current lactation is printed. The number of days dry through the current test day is printed for cows currently dry (1st lactation cows in milk have no days dry).

Days Open- displays the number of days open following the most recently reported calving date. Days open is the interval from date of calving through the most recent breeding date for cows with Due Dates, or the interval from date of calving through the current test day for open cows.

Rolling Herd Average for pounds of Milk, Fat and Protein is displayed at the bottom center of the page.

DRMS
DAIRY RECORDS MANAGEMENT SYSTEMS
www.drms.org

Breed
HO

Type Test
22-DHIR APCS

MONTHLY REPORT

Prev. Test **08-23-2010** | Test Date **10--05-2010** | Processed **10-06-2010**

55-99-9999
HENRY SMITH
SMITH DAIRY FARM

DHI-210

Breed	Sire ID / Permanent ID	Somatic Cell Count and Milk Weights by Test Day											Lactation To Date								Proj. Pro	Income over Feed $	Breeding Information						Days Dry
		Test Month	Test Month	Test Month	Test Month	Test Month	Test Month	Test Month	Test Month	Test Month	Test Month		Lact No.	Status		Index	CAR	Milk	Pro%	Pro	Rating			Previous		Current				
			10	12	1	3	4	6	7	8	10-05-10													Repro	Breed or Heat Date	Intvl. Days	Repro	Service Sire ID: Breed or Heat Date	Due Date	
		SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	Pro% Fat%	Age Yr/Mo	Date/Code		Barn Name	DIM		Fat%	Fat		Proj. Milk	ERPA Milk							Days Open
HO	STRMNNRMN	71	107	107	214		15	13	23	23	41	3.1	2			8265			2.9	481		717		1	06-12			SENTRY		43
HO	62425211	69	59	53	42	DRY	61	104	101	97	86	4.2	3-03	04-02	2	AURETTA	187	16615	3.6	595	B	24258	-1756	2	08-06	43	3	09-18	06-25	169
HO	MAILING			23	17	27	38	29					2			8269			3.2	593		593					P	GARRETT		48
HO	62425215	DRY	DRY	82	73	62	61	50	DRY	DRY	DRY		2-10	08-19	3	BABS	300	18488	4.4	807	C	18488	-4354				1	01-02	10-09	71
HO	100HO08880				18	20	17	13	13	14	20	3.7	1			8359			3.4	841		849		1	02-20		P	SHOUT		
HO	62425305				85	79	91	86	87	78	75	4.8	2-01	12-10	6	BABS	300	24728	4.1	1014	A	24975	+1825	2	04-03	42	3	05-15	02-19	156
HO	BRETT			44	31	33	22	19	31	31			1			8365			3.2	790		790					P	GARRETT		13
HO	62425311			61	85	77	95	90	83	70	DRY		1-11	09-23	3	BLAZER	303	24490	2.9	699	B	24735	+1389				1	02-06	11-13	74
HO	BRETT										81	2.9	1			8412			3.2	18									
HO	62425358										77	6.1	2-06	09-26	6	BLAZER	10	566	6.4	36									10
HO	DSTRGN-RD			TOO	27	17	20	22	35	93	141	3.7	1			8366	C		3.3	589		584					P	DUSK		
HO	62425312			FSH	75	62	65	61	58	41	* 23	5.2	1-11	11-29	6	BOOTRED	311	18066	4.2	754	C	17922	-2435				1	02-20	11-27	83
HO	STARDUST	54	303				14	25	20	18	33	3.1	3			8090			3.1	504		620					P	STANLEY		91
HO	61532761	45	27	DRY	DRY	61	86	76	70	65	66	4.1	4-07	02-11	2	BOOTS	237	16516	3.6	592	E	19984	-4778				1	04-24	01-29	72
HO	OMAR						23	17	17	19	22	3.1	1			8399			3.0	421		669					N	MORPHEOUS		
HO	62425345						70	86	80	76	76	4.8	2-02	04-06	6	BOOTS	183	14014	3.9	548	B	21582	-670						$$	183
HO	RDMRKR*RC		57	15	17		29				174	2.6	3			8177			3.0	58									102
HO	62425123		82	86	69	56	53	DRY	DRY	DRY	101	5.3	4-06	09-13	2	BOOTSET	23	1944	5.8	113			-2666							23
MS	PEERLESS	746	93	214	123	200	100		57		174	2.9	3			8218			3.1	107										44
MS	62425164	21	81	79	63	49	40	30	19	DRY	96	5.5	4-01	08-28	2	BRENDA	39	3400	6.0	204			-1262							39
MS	AFTER										17	2.7	1			8464			3.0	35										
MS	65799828										54	2.6	2-00	09-10	6	BRENDA	26	1170	2.9	34										26
JE	COUNTRY	566	746		66	27	31	13	38	107			3			8157			3.6	543		603					C			20
JE	62425103	35	28	DRY	63	60	64	53	53	47	DRY		3-11	09-16	3	BRENDY	266	14938	5.0	746	C	16581	-1362							286
HO	FOREMAN	2111	460		TOO	87	93	93	264	264			4			7998			3.2	539		571					P	SHOUT		13
HO	61532669	63	35	DRY	FSH	91	83	66	54	31	DRY		4-11	09-23	3	BURGNUE	253	16896	3.5	595	E	18079	-3601	1	04-03	42	2	05-15	02-19	122
HO	SEAMASTER										35	3.4	1			8407			3.8	30										
HO	62425353										63	4.9	2-06	09-20	6	BURGNUE	16	788	5.3	42										16
HO	DUPLEX	13	25	54	132	174			115	47	373	2.8	3			8213			2.7	294		664					N	SHOUT		50
HO	62425159	118	99	75	52	38	DRY	DRY	89	103	97	3.7	3-10	06-11	2	CAMAIE	117	10845	4.0	433	C	23967	+1165						$$	117
HO	OUTSIDE	TOO	38	22	20	13	13	13			50	2.5	2			8307			2.7	104										49
HO	62425253	FSH	81	81	76	70	76	66	DRY	DRY	103	3.9	3-04	08-26	2	CAMAIE	41	3839	4.3	166			-641							41
HO	O MAN	50	31	33	29	22	115	71		187	200	3.0	5			7934			3.1	191		844								48
HO	61532605	88	130	107	97	82	90	82	DRY	95	135	3.1	5-11	08-11	2	CAMAY	56	6137	3.6	223	B	26880	+2186							56
HO	EDITION	13	13	25	141	187	100						2			8190			3.1	769		667		2	10-24		P	BUGATTI		69
HO	62425136	100	88	72	56	38	41	DRY	DRY	DRY	DRY		3-02	07-29	3	CAMAY	399	24556	3.5	849	C	21505	+336	3	12-05	42	4	01-16	10-23	205
HO	DUPLEX		15	76	38	174	1393	214			162	2.9	3			8191			3.3	32										68
HO	62425137		87	58	70	50	39	31	DRY	DRY	53	3.6	4-05	09-14	2	CAMAY	22	970	4.0	39			-1895							22
HO	SEAMASTER					15	18	13	33	20	17	3.2	1			8361			3.0	606		751		1	04-24		P	TRIGGER		
HO	62425307					74	93	99	88	83	81	3.7	2-02	02-07	6	CAMIE	241	20333	3.2	657	B	24806	+1315	2	06-05	42	3	07-17	04-23	160

Intvl. Days:
Days between current and prev. breeding or heat date.

Reproduction Codes (Repro):

1-9 No. Breedings	K. Checked OK to Breed
C. DNB (Do Not Breed)	N. Open
E. Estimated Bred Date	P. Diagnosed Pregnant
H. In Heat	W. Diag. Preg. w/twins

Status Codes:

1. In Milk	6. First Lact
2. Calved	7. Entered Herd
3. Dry	8. Aborted
5. Left Herd	9. Induced Lact

Rolling Herd Average

Milk	Fat	Pro
22984	837	708

Condition Affecting Record (CAR):

1. Sold Feet/Legs	7. Sold Mastitis	A. Abnormal
2. Sold Dairy	8. Sold Disease	E. Estimated Production
3. Sold Low Prod.	9. Sold Udder	F. Fat% Est. by Supv.
4. Sold Repro.	X. Sold Reason Not Rprtd.	H. In Heat on Test Day
5. Sold Injury/Other	B. Started or Ended by Abortion	I. Injtd. Prior or During Milk
6. Died	C. 305 Day Rec. computed	L. Fat% Est. by Lab

Rating Codes:

A. Top Cows	D. Marginal Cows
B. Above Average	E. Bottom Cows
C. Below Average	

$$ in Due Date = Calf from this mating will be in U.S. DHIA top 5% genetically.
* = 20% Milk Prod. decline with at least 10 Lbs since prev. test.

Breed
HO

Type Test
22-DHIR APCS

MONTHLY REPORT

Prev. Test **08-23-2010** | Test Date **10-05-2010** | Processed **10-06-2010**

55-99-9999
HENRY SMITH
SMITH DAIRY FARM

Breed	Sire ID / Permanent ID	Somatic Cell Count and Milk Weights by Test Day											Lactation To Date									Proj. Pro	Income over Feed $	Breeding Information						Days Dry
		Test Month	Test Month	Test Month	Test Month	Test Month	Test Month	Test Month	Test Month	Test Month	Test Month		Lact No.	Status		Index	CAR	Milk	Pro%	Pro	Rating			Previous		Current				
			10	12	1	3	4	6	7	8	10-05-10													Repro	Breed or Heat Date	Intvl. Days	Repro	Service Sire ID Breed or Heat Date	Service Sire ID Due Date	
		SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	SCC Milk	Pro% Fat%	Age Yr/Mo	Date/Code		Barn Name	DIM		Fat%	Fat		Proj. Milk	ERPA Milk							Days Open
HO	BEST 61532665	81 50	DRY	57 90	1300 93	141 59	23 95	44 89	23 87	100 63	29 66	3.9 5.0	4 4-09	11-09	2	7994 CANDACE	C 331	26511	3.3 3.9	881 1040	C	816 24820	-623	2 3	03-06 04-17	49	P 4	BUGATTI 06-05	03-12	46 208
HO	LHEROS 62425320				TOO FSH	41 66	54 70	27 67	2599 68	746 63	566 64	3.6 4.4	1 2-00	01-14	6	8374 CANDACE	265	17408	3.2 3.7	552 649	C	635 19671	-941	3 4	06-26 08-14	42	5	TOPSHOT 09-25	07-02	254
HO	6961162 61532555	25 112	29 85	27 71	33 70	DRY	35 85	13 96	27 94	162 65	325 69	3.7 3.8	4 6-01	04-11	2	7884 CANDEE	178	14572	2.8 2.7	411 396	E	604 20984	-476	1 2	06-26 08-21	42	3	138HO04135 10-02	07-09	31 174
HO	MAILING 62425124	141 65	460 40	528 19	DRY	DRY	DRY	DRY	71 80	100 112	528 92	2.8 2.9	3 4-03	06-27	2	8178 CANDEE	101	9657	2.6 3.7	254 360	D	620 22984	-528				1	DOBERMAN 09-11	06-18	192 76
HO	STRMNNRMN 62425203	20 87	41 71	54 57	DRY	33 114	14 133	23 122	47 114	71 104	132 78	3.5 4.6	2 3-03	02-10	2	8257 CANDEE	238	26613	3.0 4.3	790 1136	A	924 30871	+2473				P 1	NIAGRA 05-08	02-12	55 87
HO	ALANTA 62425219	DRY	DRY	20 60	35 81	27 80	31 78	50 68	152 63	DRY	DRY		2 2-09	09-02	3	8273 CANDEE	318	21625	3.2 3.6	695 782	C	674 21043	-1817				P 1	GARRETT 01-16	10-23	34 89
HO	MORTY 62425297				TOO FSH	23 88	31 106	20 107	13 101	20 92	33 86	3.4 3.8	1 2-03	01-15	6	8351 CANDEE	264	25049	3.0 2.9	746 732	A	850 28305	+3291	1	03-27	42	P 2	GERARD 05-08	02-12	113
HO	RSVP 62425184	TOO FSH	17 125	13 109	152 87	214 74	152 74	71 61	DRY	DRY	DRY		2 3-00	08-19	3	8238 CANDY	343	28233	3.0 3.6	838 1014	A	783 26528	+1579	1	11-21	42	P 2	GARRISON 01-02	10-09	48 114
HO	ALANTA 62425294					35 71	54 70	19 70	19 72	20 69	38 63	3.7 4.6	1 2-04	01-23	6	8348 CANDY	256	17549	3.5 3.9	608 684	C	705 20357	-1089				P 1	ALEXANDER 04-09	01-09	76
HO	KARL 62425356						TOO FSH	17 102	23 111	50 93	13 92	3.0 3.2	1 2-01	04-23	6	8410 CANDY	166	16215	2.8 2.7	459 438	A	771 26430	+2019	1 2	07-03 08-14	42	3	TOPSHOT 09-25	07-02	155
JE	FLIGHT 61532756	44 55	123 47	DRY	246 56	152 60	87 54	100 48	57 51	62 51	DRY		3 4-06	09-23	3	8085 CANYON	277	14640	3.6 4.8	527 710	D	569 15958	+619	1 2	03-06 04-17	49	P 3	LEGAL 06-05	03-11	13 167
HO	ALANTA 62425288			41 64	62 73	38 67	23 78	13 75	15 65	DRY	DRY		1 2-02	08-26	3	8342 CASEY	299	20447	3.1 3.8	643 779	B	649 20856	-846				P 1	BOGART 01-09	10-16	41 70
HO	DELANO 61532781	DRY	DRY	162 133	800 126	93 122	162 124	17 108	400 92	DRY	DRY		3 4-02	08-26	3	8110 CATHY	300	34221	2.9 2.6	995 875	A	1005 34563	+7717				P 1	GARRETT 01-09	10-16	41 71
HO	MORTY 62425161	33 70	174 45	DRY	174 104	100 108	35 137	93 131	41 134	76 113	230 90	2.8 2.8	2 3-05	12-30	2	8215 CATHY	280	32888	2.7 3.2	884 1039	A	937 34861	+3379	1	03-27	42	P 2	GERARD 05-08	02-12	48 129
HO	ALANTA 62425177	66 87	54 64	DRY	400 123	2263 78	696 109	606 99	1715 97	492 82	429 76	3.3 3.3	2 3-04	12-28	2	8231 CATHY	282	26838	3.0 3.4	809 909	A	858 28448	+2134	1	03-13	42	P 2	RICHMAN 04-24	01-29	53 117
HO	LHEROS 62425292		132 78	187 75	174 67	174 68	264 77	38 75	123 76	246 46	DRY		1 2-00	09-16	3	8346 CATHY	357	24685	3.3 3.7	813 924	A	719 22037	-138	1	12-12	49	P 2	RICHMAN 01-30	11-06	20 128
HO	FREDERICK 62425073	230 30	DRY	35 107	13 104	31 87	71 98	400 61	460 59	DRY	DRY		3 4-00	09-02	3	8127 CHER	293	24000	3.2 4.0	758 962	B	773 24480	-812				P 1	DUSK 01-23	10-30	34 71
HO	DIE-HARD 62425317					71 75	29 85	14 82	20 76	13 67	23 65	3.6 5.0	1 2-01	01-28	6	8371 CHER	251	18661	3.4 3.9	637 725	B	745 21833	-17				P 1	MORPHEOUS 04-10	01-15	72
HO	DUSTER 122498561	857 108	7352 75	1393 71	DRY	DRY	DRY	DRY	DRY	DRY	DRY		9 11-05	05-13	3	6993 CINDY	333	25311	2.9 3.8	733 963	B	673 23261	+3528				C			146 479
HO	131030853 60712782	7880 106	429 96	492 81	566 70	DRY	230 110	41 137	9701 113	857 113	303 94	3.0 3.9	6 8-03	04-06	2	7538 DARLEEN	183	20811	2.8 3.5	583 722	A	840 29344	+4570	1 2	06-19 07-31	42	3	BLACKOUT 09-11	06-18	47 158

Intvl. Days:
Days between current and prev. breeding or heat date.

Reproduction Codes (Repro):

1-9 No. Breedings	K. Checked OK to Breed
C. DNB (Do Not Breed)	N. Open
E. Estimated Bred Date	P. Diagnosed Pregnant
H. In Heat	W. Diag. Preg. w/twins

Status Codes:

1. In Milk	6. First Lact
2. Calved	7. Entered Herd
3. Dry	8. Aborted
5. Left Herd	9. Induced Lact

Rolling Herd Average

Milk	Fat	Pro
22984	837	708

Condition Affecting Record (CAR):

1. Sold Feet/Legs	7. Sold Mastitis	A. Abnormal
2. Sold Dairy	8. Sold Disease	E. Estimated Production
3. Sold Low Prod.	9. Sold Udder	F. Fat% Est. by Supv.
4. Sold Repro.	X. Sold Reason Not Rprtd.	H. In Heat on Test Day
5. Sold Injury/Other	B. Started or Ended by Abortion	I. Injtd. Prior or During Milk
6. Died	C. 305 Day Rec. computed	L. Fat% Est. by Lab

Rating Codes:

A. Top Cows	D. Marginal Cows
B. Above Average	E. Bottom Cows
C. Below Average	

$$ in Due Date = Calf from this mating will be in U.S. DHIA top 5% genetically.
* = 20% Milk Prod. decline with at least 10 Lbs since prev. test.

DHI-211 MONTHLY REPORT

Unique items on the DHI-211 report includes the dam identification, cow's birth date and age A list of cows that reached their 305-day lactation or completed their lactation is listed separately.

HEADING INFORMATION

Breed - A two character alphabetic code to identify the herd's breed. If 75 % or more of the cows are of one breed, that breed is listed. The letters XX designate that no breed makes up 75 % of the herd.

Type Test - short name and code for the record plan on which the herd is enrolled.

Prev. Test - the month, day and year of the previous test for this herd.

Test Date - month, day and year that the DHI technician finished collecting or verifying data. If a technician records milk weights for the afternoon milking on July 16 and finishes the test the following morning, July 17 is the test date.

Processed - the month , day and year when all data for the current test day were processed at DRMS.

Herd Code is unique for each herd. The first two digits identify the state, the third and fourth digits identify the county, and the fifth through eighth digits identify the herd within the county.

Name - owner's name and farm name (if used) for the herd.

INFORMATION FOR MILKING ANIMALS

Index - Every cow on DHI must have a unique 5-digit index number.

Breed - a two character alphabetic code is used to identify each cow's breed.

Sire NAAB Code / Name / Cow Registration - The NAAB code name or number for the cow's sire is printed above the cow's own eartag or registration number.

Sire ID - Each herd may elect to have AI sires identified by National Association of Animal Breeders (NAAB) Code Number or by NAAB Code Name. Let your technician know your preference. NAAB Code Numbers are used if no choice is made. Non-AI sires in the cross-reference file can be identified by their short name. To send a short name for a Non-AI sire for the DRMS cross-reference file, see your technician.

Registration or Eartag No. of Cow - A registration number, standard series eartag, American ID or 15-digit ID is usually available for each cow. These numbers may be used or ID may be left blank for herds whose records are not sent to USDA for genetic evaluation.

Sire Registration / Dam Registration or Barn Name - The registration number or eartag number of the cow's sire is listed above the registration number or barn name of the cow's dam (if the barn name is available).

Birth Date / Age (Yrs-Mnths) - The month, day and year of birth that was reported when the cow was enrolled is printed above the cow's age at freshening which is given in years and months. Cows entering the herd without a birth date reported will receive an estimated birth date based on breed and lactation number. More details are in the DHI Glossary on the DRMS website. Incorrect ages will affect feed needed, 305-2X-ME, and herdmate comparison figures so an accurate birth date or best estimate must be included for each cow.

SAMPLE DAY DATA

Status Code / Date - The status code and date of up to two of the most recent status events for each cow is printed here. A status code key is printed at the bottom of the column.

Barn Name - The barn name or barn number for each cow is printed in this column if the herd uses them. Barn names may consist of any combination of up to seven letters or numbers.

Daily Milk Wts. - Last Test / This Test - Milk weights to the nearest pound are printed for the previous test day and the current test day. One of several messages could print in the current sample day column:

TOO FRESH - cow was in milk less than 7 days on test day. Milk weights, if reported, were not used.

NO WTS - milk weights were not reported on the first test.

A, E or H - milk weight was estimated using last month's milk production.

***** - production dropped more than 20% and at least 10 lbs. since previous test day.

DRY - cow was dry on test day.

LEFT HERD - cow removed from herd this test period.

Fat% / Pro% - current test day fat and protein percentages are printed in this column if available.

Group / CAR - The current group number for each cow is printed here if the herd is using group numbers. If there is an applicable CAR (condition affecting record) code, it is printed underneath the group number. A key for the CAR codes is printed at the bottom of the form. These codes provide several kinds of information about the cow's record or the current milk weight or component test. Numeric CAR's provide termination codes which enable the record to be used properly in genetic evaluations. Alpha codes indicate something about the current test day's milk weight or component test. Reported codes A (abnormal) and H (in heat) do not print unless production was low enough to be estimated using last test day production (40% rule). F indicates that the technician was unable to collect a sample, and the fat and protein will be estimated by DRMS. L indicates that the lab was unable to get results on the sample, and fat and protein will be estimated by DRMS.

LACTATION TO DATE

Days In Milk - If the cow was enrolled prior to or at the time of calving, the number of days milked during the current lactation (Lactation To Date) is printed here. On the test day a cow reaches or exceeds 305 days in milk, the actual number of days milked prints first and 305 prints underneath. Similarly, 365 prints underneath the actual days when a cow completes a 365-day record if the herd is on the 365-day record option (see your technician to request this option).

Days 3X is the number of days in the current lactation that the cow was milked three times daily.

Milk Lbs is the total pounds of milk the cow is credited with producing during the current lactation. The 305-day ME projected record is also printed under total pounds. On the month the 305-day record is completed, the actual and ME pounds of milk produced during the first 305 days is printed. Actual and ME pounds of milk produced during the first 365 days is printed on the month a 365-day record is completed if the herd is the 365-day record option (see your technician to request this option).

Fat Lbs. / % is the total fat yield the cow produced during the current lactation. 305-day actual and ME yields are printed beneath lactation-to-date yields on the month the 305-day record is completed. If 365-day yields are printed, the corresponding fat component pounds and percentages will print.

Pro Lbs. / % is the total protein yield the cow is credited with producing during the current lactation. 305-day actual and ME yields are printed beneath lactation-to-date yields on the month the 305-day record is completed. If 365-day yields are printed, the corresponding fat component pounds and percentages will print.

CAR - Codes printed in this column refer to the lactation to date production. A key to the codes is printed at the bottom of the column.

Days Dry / Lact No. - If the cow is dry, the number of days dry will print in this column. The current

lactation number for each cow is printed below the days dry. Lactation numbers are estimated on the basis of age for cows enrolled after their first lactations. If this estimated lactation number is incorrect, advise your DHI technician so a correction can be made.

Fresh Date / Due Date - The month, day and year of the most recent calving date is printed in this column. If the cow has been bred and is not diagnosed open, a due date from that breeding is printed below the calving date. The due date is calculated from each cow's last reported breeding date and the gestation period appropriate for the breed. *Gestation periods used by DRMS are: Ayrshire - 282 days; Brown Swiss - 290 days; Guernsey - 286 days; Holstein - 280 days; Jersey - 279 days; Other - 282 days; Goat breeds - averages 150 days with a range of 145 to 157 days.*

Times Bred - prints the number of times the cow had been bred in the current lactation.

PRGV - This column is used for pregnancy verification of the cow. Four codes may print here to indicate if the cow has been designated as Do Not Breed (C), diagnosed open (O), diagnosed pregnant (P) or diagnosed pregnant with twins (W).

Income Over Feed $ - indicates each cow's net return above feed cost since beginning the previous dry period. These values are only calculated for herds reporting feed information. Feed cost is estimated for each cow for each test period using the cow's body weight, and the feed quantities and prices reported. Lactation-to -date feed cost for each cow is accumulated from the previous dry date through the current test day. Value of product (milk income) is calculated for each test period based on the cow's milk yield, fat and protein percentages, and the milk price and fat/protein differentials reported for the herd. The lactation to date value of product is accumulated from the calving date through the current test day. Lactation- to-date income over feed cost is obtained by subtracting the lactation to date feed cost from the lactation-to- date value of product. Dry cows and cows very early in lactation frequently have a negative income over feed cost because their income to date is less than their feed cost since being turned dry.

Lactations Completed This Test Period - A separate listing is provided with cows that have completed a lactation this test period. Production for the first 305 days are printed the month the 305-day record is completed. Production for the first 365 days are printed the month a 365-day record is completed if your herd is on that option (see your technician to request the 365-day record option).

Breed
HO
Type Test
20-DHIR

MONTHLY REPORT

Prev. Test **04-20-2011** Test Date **05-26-2011** Processed **05-27-2011**

55-99-9999
HENRY SMITH

DHI-211

Index	Breed	Sire NAAB Code/Name / Cow Registration	Sire Registration / Dam Barn Name or Identification	Birth Date / Age (Yrs-Mnths)	Sample Day Data: Status Code/Date	Barn Name	Daily Milk Wts. Last Test	Daily Milk Wts. This Test	Fat % / Pro %	Group / CAR	Lactation To Date: Days in Milk / Days 3X	Milk Lbs	Fat Lbs	Fat %	Pro Lbs	Pro %	CAR	Days Dry / Lact No.	Fresh Date / Due Date	Times Bred / PRGV	Income Over Feed $
160	HO	29HO09330 135918298	17246303 AMBER	01-03-03 7-09	2 10-19	AJAX	71	67	3.4 2.9		220	16565 21196	584 733	3.5 3.5	453 579	2.7 2.7	P	5	10-19-10		1159
468	HO	29HO08282 140029871	2131483 ALPINE	05-07-09 1-11	6 04-21	ALLURE		64	3.7 2.9		36	2005	81	4.0	63	3.1		1	04-21-11		185
421	HO	29HO10889 139176234	130498623 APRICOT	05-07-08 1-11	3 04-22 4 09-19	ALLY	32	DRY			360	19918 22325	870 959	4.4 4.3	618 665	3.1 3.0	M	35 1	04-27-10 06-26-11	1 P	-89
405	HO	29HO11111 139176195	131823833 AJAX	03-22-08 2-00	6 03-29 4 10-03	AMBER	54	51	4.3 3.5		424	29550 27565	1230 1112	4.2 4.0	977 865	3.3 3.1	M	1	03-29-10 07-10-11	2 P	3391
462	HO	200HO07030 140063604	170163222 ADRIENE	03-19-09 2-01	6 05-16	ANGEL		69	3.7 3.1		11	569	22	3.9	19	3.3		1	05-16-11		50
186	HO	29HO09154 136163105	17083054 APPY	12-05-04 6-03	2 03-16	ANN	92	104	2.6 2.6		72	6544 21137	241 728	3.7 3.4	177 601	2.7 2.8	P	4	03-16-11		194
412	HO	11HO08342 139331716	60540164 ADRIENE	03-13-08 3-00	2 03-30	ARDIS	100	110	3.9 2.8		58	5685 24878	245 1019	4.3 4.1	165 725	2.9 2.9	P	2	03-30-11		639
426	HO	29HO11111 139313406	131823833 ANETTE	06-17-08 1-11	6 05-21 4 03-14	ASPEN	90	91	3.8 3.2		371	30207 30895	1243 1240	4.1 4.0	927 918	3.1 3.0	M	1	05-21-10 12-19-11	3	3850
422	HO	94HO11033 139176243	131213869 ANN	05-08-08 1-10	3 04-20 4 03-07	AVA		DRY			388	21388 23519	823 897	3.8 3.8	650 695	3.0 3.0	M	37 1	03-28-10 12-12-11	3	-101
382	HO	1HO06948 138866189	131058145 BARBIE	09-01-07 2-05	6 02-19 4 10-08	BABE	59	54	4.9 3.8		462	34145 27906	1473 1145	4.3 4.1	1142 877	3.3 3.1	M	1	02-19-10 07-15-11	3 P	4339
29	HO	235HO00322 137633719	270726446 BARBIE	04-15-06 3-07	3 04-13 4 09-20	BARB		DRY			496	45448 36091	1748 1325	3.8 3.7	1406 1055	3.1 2.9	M	44 2	12-03-09 06-27-11	2 P	-128
459	HO	200HO05024 140029844	100745543 BRIDGET	02-28-09 2-00	6 03-01 4 05-18	BARBIE	72	97	3.6 2.9		87	6268 25864	280 1023	4.5 4.0	178 746	2.8 2.9	P	1	03-01-11 02-22-12	1	772
424	HO	7HO01897 139283853	1929410 BARB	05-23-08 1-10	6 04-09 4 04-30	BARBRA	49	E 43	3.5 3.2	A	413	24359 24351	954 966	3.9 4.0	791 776	3.2 3.2	A M	1	04-09-10 02-04-12	6	2277
447	HO	7HO07020 140029778	129922003 60929890	10-09-08 2-01	6 11-25 4 03-27	BESS	63	60	4.7 3.4		183	11780 21722	548 984	4.7 4.5	385 698	3.3 3.2	P	1	11-25-10 01-01-12	1	1414
377	HO	7HO07020 138593135	129922003 BESS	09-01-07 3-07	2 04-25	BESSY		102	3.9 3.0		32	2858	123	4.3	95	3.3		2	04-25-11		243
403	HO	7HO08175 139218158	132815961 BARB	03-06-08 2-00	6 04-05 4 10-14	BRENDA	55	50	4.5 3.8		417	27437 26134	1113 1020	4.1 3.9	950 849	3.5 3.2	M	1	04-05-10 07-21-11	3 P	3176
2400	AY	7AY00083 100534203	100378412 MBRANDY	06-02-07 3-09	2 03-15	BVELVET	79	70	4.0 3.0		73	5331 15453	301 742	5.6 4.8	163 491	3.1 3.2	P	2	03-15-11		567
187	HO	200HO03067 61318671	170123578 CADILAC	06-06-05 5-06	2 12-26 4 04-08	CADDIE	63	E 55	6.3 3.1	A	152	13406 18992	710 1050	5.3 5.5	410 597	3.1 3.1	A P	4	12-26-10 01-13-12	2	1785
453	HO	7HO06782 141174967	129800008 CALINA	12-20-08 1-10	6 11-11 4 05-05	CALLY	68	84	3.0 3.1		197	14439 27984	499 901	3.5 3.2	435 844	3.0 3.0	P	1	11-11-10 02-09-12	1	1472
11	HO	7HO06349 61714023	123645630 RAVEN	03-01-04 6-04	2 07-21 4 12-20	CARI	98	87	3.4 3.0		310	30946 32341	1109 1171	3.6 3.6	893 942	2.9 2.9	M	4	07-21-10 09-26-11	3 P	3055

Status Codes:
1. In Milk
2. Calved
3. Dry
4. Bred
5. Left Herd
6. First Lact
7. Entered Herd
8. Aborted
9. Induced Lact

Condition Affecting Record (CAR):
1. Sold Feet/Legs
2. Sold Dairy
3. Sold Low Prod.
4. Sold Repro.
5. Sold Injury/Other
6. Died
7. Sold Mastitis
8. Sold Disease
9. Sold Udder
X. Sold Reason Not Rprtd.
B. Started or Ended by Abortion
A. Abnormal
E. Estimated Production
F. Fat% Est. by Supv.
H. In Heat on Test Day
I. Injtd. Prior or During Milk
L. Fat% Est. by Lab
M. ME Production
P. 305 ME Projected

PRGV:
C. DNB (Do Not Breed)
O. Open
P. Preg.
W. Preg/Twins

* = 20% Milk Prod. decline with at least 10 Lbs since prev. test.

Index	Breed	Sire NAAB Code/Name / Cow Registration	Sire Registration / Dam Barn Name or Identification	Birth Date / Age (Yrs-Mnths)	Sample Day Data: Status Code/Date		Barn Name	Daily Milk Wts. Last Test	Daily Milk Wts. This Test	Fat % / Pro %	Group / CAR	Lactation To Date: Days in Milk / Days 3X	Milk Lbs	Fat Lbs	Fat %	Pro Lbs	Pro %	CAR	Days Dry / Lact No.	Fresh Date / Due Date	Times Bred / PRGV	Income Over Feed $
2289	HO	42WKG1679		03-01-05 4-09	2 4	12-21 04-08	2289	75	90	4.3 3.7		522	49462 32907	1863 1136	3.8 3.5	1658 1031	3.4 3.1	M	3	12-21-09 01-13-12	5	5770
2362	HO	42WKG1681		03-01-05 5-09	2 4	12-20 03-22	2362	107	E 94	3.1 2.8	E	158	16832 25684	592 861	3.5 3.4	474 745	2.8 2.9	E P	5	12-20-10 12-27-11	1	1507
2391	HO	42WKF2378		01-01-05 5-11	2 4	12-13 04-08	2391	92	99	4.1 3.2		165	16834 25597	796 1151	4.7 4.5	526 832	3.1 3.3	P	4	12-13-10 01-13-12	1	2110
********** Lactations Completed This Test Period (305, 365, Left & Complete) **********																						
421	HO	29HO10889 139176234	130498623 136162926	05-07-08 1-11	3 4	04-22 09-19	ALLY	Dry 04-22-11				360	19918 22325	870 959	4.4 4.3	618 665	3.1 3.0	M	35 1	04-27-10 06-26-11	1 P	2055
426	HO	29HO11111 139313406	131823833 137223435	06-17-08 1-11	6 4	05-21 03-14	ASPEN	365 Day				365	29661 30895	1222 1240	4.1 4.0	910 918	3.1 3.0	M	1	05-21-10 12-19-11	3	
11	HO	7HO06349 61714023	123645630 60745343	03-01-04 6-04	2 4	07-21 12-20	CARI	305 Day				305	30510 32341	1094 1171	3.6 3.6	880 942	2.9 2.9	M	4	07-21-10 09-26-11	3 P	
1829	HO	135589827	132879118 131658288	05-04-04 5-11	3 4	05-01 09-10	CLAIR	365 Day				365	25739 22082	1069 912	4.2 4.1	788 674	3.1 3.1	M	26 4	04-26-10 06-17-11	1 P	
1829	HO	135589827	132879118 131658288	05-04-04 5-11	3 4	05-01 09-10	CLAIR	Dry 05-01-11				370	25976 22082	1081 912	4.2 4.1	797 674	3.1 3.1	M	26 4	04-26-10 06-17-11	1 P	2367
425	HO	7HO07020 140051397	129922003 63123661	07-03-08 1-11	3 4	05-20 09-29	DANICA	Dry 05-20-11				350	16837 19623	803 900	4.8 4.6	583 648	3.5 3.3	M	7 1	06-04-10 07-06-11	2 P	1905
400	HO	7HO07020 139218091	129922003 63123661	01-16-08 2-05	6 4	07-15 05-20	DARLENE	305 Day				305	16622 20778	755 921	4.5 4.4	575 697	3.5 3.4	M	1	07-15-10 02-24-12	6	
438	HO	7HO07020 140051445	129922003 63123661	09-09-08 1-10	3 4	05-10 09-19	DREAMY	Dry 05-10-11				299	14121 19450	551 749	3.9 3.9	463 625	3.3 3.2	P	17 1	07-15-10 06-26-11	1 P	1255
353	HO	7HO05687 138585989	17011697 15479337	04-01-04 6-01	2 4	05-26 04-08	FAYE	365 Day				365	31966 27164	1160 999	3.6 3.7	1012 863	3.2 3.2	M	3	05-26-10 01-13-12	2	
336	HO	1HO07235 63518298	60372887 129409524	02-10-07 3-05	2 4	07-13 12-29	FLUTE	305 Day				305	28650 33234	1063 1222	3.7 3.7	920 1037	3.2 3.1	M	2	07-13-10 10-05-11	1 P	
429	HO	7HO07596 140051409	132480026 52731312	07-10-08 2-00	6 4	07-20 04-07	GAL	305 Day				305	24062 31762	992 1280	4.1 4.0	737 925	3.1 2.9	M	1	07-20-10 01-12-12	2	
441	HO	7HO06758 139754317	207184639 62658050	09-22-08 1-10	6 4	07-24 10-24	JENNA	305 Day				305	17183 23369	748 1002	4.4 4.3	558 743	3.2 3.2	M	1	07-24-10 07-31-11	1 P	
387	HO	7HO07004 139176177	130263722 136114503	10-25-07 3-04	5	05-11	KRISTA	Sold 05-11-11			3	72	2958 12607	112 554	3.8 4.4	89 399	3.0 3.2	P	2	03-01-11		-91
431	HO	7HO07020 140029750	129922003 136148937	08-25-08 1-09	3 4	05-01 09-16	LISA	Dry 05-01-11				328	18032 23005	785 974	4.4 4.2	569 691	3.2 3.0	M	26 1	06-07-10 06-23-11	1 P	1960
445	HO	94HO00868 140051276	170206718 63181648	09-11-08 1-09	6 4	07-10 04-30	LYRIC	305 Day				305	22354 31296	804 1101	3.6 3.5	684 910	3.1 2.9	M	1	07-10-10 02-04-12	3	
442	HO	200HO05024 140051285	100745543 64096170	09-26-08 1-09	6 4	07-21 12-30	MACY	305 Day				305	23498 32897	1011 1385	4.3 4.2	770 1024	3.3 3.1	M	1	07-21-10 10-06-11	2 P	

Status Codes:
1. In Milk
2. Calved
3. Dry
4. Bred
5. Left Herd
6. First Lact
7. Entered Herd
8. Aborted
9. Induced Lact

Condition Affecting Record (CAR):
1. Sold Feet/Legs
2. Sold Dairy
3. Sold Low Prod.
4. Sold Repro.
5. Sold Injury/Other
6. Died
7. Sold Mastitis
8. Sold Disease
9. Sold Udder
X. Sold Reason Not Rprtd.
B. Started or Ended by Abortion
A. Abnormal
E. Estimated Production
F. Fat% Est. by Supv.
H. In Heat on Test Day
I. Injtd. Prior or During Milk
L. Fat% Est. by Lab
M. ME Production
P. 305 ME Projected

PRGV:
C. DNB (Do Not Breed)
O. Open
P. Preg.
W. Preg/Twins

* = 20% Milk Prod. decline with at least 10 Lbs since prev. test.

DHI-212 MONTHLY REPORT

The DHI-212 report is designed for posting on the barn wall so the print size is much larger than most reports. Several key items on each cow are listed for handy reference at the barn. Test Day and Rolling Herd averages are listed on the last page.

HEADING INFORMATION

Test Date - month, day and year that the DHI technician finished collecting or verifying data. If a technician records milk weights for the afternoon milking on July 16 and finishes the test the following morning, July 17 is the test date.

Processed- the month , day and year when all data for the current test day were processed at DRMS.

Type Test - code and short name for the record plan on which the herd is enrolled.

Herd Code is unique for each herd. The first two digits identify the state, the third and fourth digits identify the county, and the fifth through eighth digits identify the herd within the county.

Name - owner's name and farm name (if used) for the herd.

INFORMATION FOR MILKING ANIMALS

Index- Every cow on DHI must have a unique 5-digit index number.

Milk - Milk weights from the current test day are shown. T-F will print if the cow is Too Fresh (in milk less than 4 days on test day). Milk weights, if reported, were not used.

Fat % - If available, fat results from milk samples taken on test day are printed.

Pro % - If available, protein results from milk samples taken on test day are printed.

SCC Actual or Score - Somatic cell count scores or actual SCC to the nearest 100,000 cells for the previous and current test day are printed for herds receiving the SCC test on samples. Be sure your technician knows your preference for SCC results (actual or linear score).

Barn Name - The Barn Name for each cow is printed beneath the Index Number for herds using barn names. A barn name may consist of any combination of up to seven letters or numbers.

Current Status Event / Date - displays the current status event (CALV, DRY or FRSH) for each cow as well as the month, day and year of her most recent status change.

Reproductive Event / Date - displays the cow's most recent reproductive status along with the month, date and year for this status.

LACTATION TO DATE

Lact is the current lactation number for each cow. Lactation numbers are estimated on the basis of age for cows enrolled after their first lactations. More details are in the DHI Glossary on the DRMS website. If this estimated lactation number is incorrect, advise your DHI technician so a correction can be made.

DIM - If the cow was enrolled prior to or at the time of calving, the number of days in milk during the current lactation (Lactation To Date) is normally printed under the DIM heading. The message "INC" prints in place of days in milk for cows in milk over 75 days when the first test day production is obtained. On the test day a cow reaches or exceeds 305 days in milk, 305 prints as the "Days In Milk". Similarly, 365 prints after a cow completes a 365-day record if the herd is on the 365-day record option (which can be requested through your technician).

Milk is the total pounds of milk the cow produced during the current lactation. Pounds of milk produced during the first 305 days is printed the month the 305-day record is completed. Similarly, the 365-day record will print if the herd is on the 365-day record option.

Fat% - is the lactation-to-date fat percentage.

Pro% - is the lactation-to-date protein percentage.

Projected 305 Actual or Standardized - Projected lactation records in this section can be calculated and printed as actual 305-day or standardized, 2X, ME records. Let your technician know which type of projected lactation record you prefer. The Test Interval method is used for calculating production records as described in the National DHIA Uniform Operating Procedures. All records are standardized to make records for different cows comparable. Records for cows milked three times per day (3X) are usually adjusted to a two times per day (2X) basis, except for those affiliates that have chosen not to adjust production from 3X herds to a 2X basis. Lactation length is standardized by using production for the first 305 days for cows in milk over 305 days. Projected 305-day, 2X records are adjusted for age, season of calving and location to obtain ME records. Standardized milk and fat records may be lower than the corresponding actual records for certain cows freshening at a mature age and in a favorable season or for cows milked 3X. Standardized lactation records do not change after 305 days in milk or after the cow has been turned dry.

Test Day and Rolling Herd Averages - The last page of the DHI-212 lists the Test Day Averages for Milk, Fat %, Protein %, Fat pounds, Protein pounds, and number of Cows. Rolling Herd Averages are listed for Milk, Fat pounds and Protein pounds.

DRMS
DAIRY RECORDS MANAGEMENT SYSTEMS
www.drms.org

BARN REPORT
DHI-212

Test Date: **10-05-2010**
Processed: **10-06-2010**
Type Test: 22-DHIR APCS

55-99-9999
HENRY SMITH
SMITH DAIRY FARM

Index	Test Day Data				Barn Name	--- Current Status ---		----- Reproductive -----			Lactation To Date					Projected 305 Actual		
	Milk	Fat%	Pro%	SCC Actual		Event	Date	Event		Date	Lact	DIM	Milk	Fat%	Pro%	Milk	Fat	Pro
6993					CINDY	DRY	5-13-10				9	333	25311	3.8	2.9	23261	881	673
7227	64	4.6	3.7	373	THYME	CALV	1-12-10	DUE		6-10-11	9	267	18417	4.5	3.6	20443	922	734
7311	58	3.9	3.3	325	TETHYME	CALV	6-03-10	DUE		7-08-11	8	125	7285	3.9	3.2	15226	604	501
7454	110	3.1	2.8	429	SAL	CALV	7-24-10	DUE		7-09-11	7	74	6670	3.3	2.8	23545	773	682
7514	29	4.4	3.4	429	LADY	CALV	2-08-10	DUE	P	1-28-11	7	240	12936	4.6	3.5	14359	649	499
7538	94	3.9	3.0	303	DARLEEN	CALV	4-06-10	DUE		6-18-11	6	183	20811	3.5	2.8	29344	1054	840
7628					JANIE	DRY	9-02-10	DUE	P	12-04-10	7	261	24261	3.2	3.1	25717	811	801
7665					SAL	DRY	9-02-10	DUE	P	10-23-10	6	342	24590	4.8	3.5	23210	1089	801
7744	73	4.4	3.4	492	THYME	CALV	8-18-10				6	49	3307	4.1	3.4	15477	693	535
7821	97	3.1	2.7	38	SUSAN	CALV	5-25-10	OPEN			5	134	12628	3.3	2.6	23993	789	637
7866	103	3.7	3.2	283	KUPCAKE	CALV	2-25-10	DUE	P	5-07-11	4	223	27279	3.0	2.8	34099	1069	969
7884	69	3.8	3.7	325	CANDEE	CALV	4-11-10	DUE		7-09-11	4	178	14572	2.7	2.8	20984	642	604
7920					SUSZI	DRY	7-29-10	DUE	P	3-05-11	4	219	16092	3.2	2.8	16092	507	454
7934	135	3.1	3.0	200	CAMAY	CALV	8-11-10				5	56	6137	3.6	3.1	26880	890	844
7944	106	3.4	3.2	1838	PHILOME	CALV	5-05-10	OPEN			4	154	17781	2.6	2.9	28805	858	870
7946	100	5.1	3.5	100	ROMANCE	CALV	6-12-10	DUE	P	6-04-11	4	116	11111	4.7	3.0	24555	1143	753
7950					SUSAN	DRY	9-09-10	DUE	P	10-30-10	4	346	34483	3.6	3.1	31652	1117	968
7955					SUE	DRY	9-23-10	DUE	P	12-11-10	4	291	23030	3.8	3.3	23721	891	784
7958	90	4.7	3.5	15	GLEE	CALV	11-23-09	DUE		6-25-11	3	317	30048	4.1	3.2	28971	1192	923
7963	90	4.2	3.1	17	MELINDA	CALV	5-28-10	DUE		7-09-11	4	131	10426	4.6	2.8	21269	937	614
7978	74	2.6	3.2	123	PHILOME	CALV	9-25-09	DUE	P	5-07-11	3	376	34343	3.6	2.9	29152	1062	832
7979	96	4.8	3.4	919	KUPCAKE	CALV	1-12-10	DUE		6-18-11	4	267	25835	3.9	3.2	29194	1162	923
7986	86	4.0	3.4	27	MILLY	CALV	12-14-09	DUE	P	12-04-10	4	296	31468	3.3	2.9	32097	1069	931
7994	66	5.0	3.9	29	CANDACE	CALV	11-09-09	DUE	P	3-12-11	4	331	26511	3.9	3.3	24820	962	816
7998					BURGNUE	DRY	9-23-10	DUE	P	2-19-11	4	253	16896	3.5	3.2	18079	625	571
8049	24	3.4	3.3	174	8003	CALV	2-10-10	DUE	P	3-26-11	4	238	16209	3.3	2.8	17182	567	484
8058	81	3.9	3.0	17	NETTIE	CALV	4-11-10	DUE		6-25-11	4	178	16768	3.2	2.7	24314	828	672
8067	48	3.1	3.2	66	TILLIE	CALV	12-20-09	DUE	P	12-11-10	3	290	19715	3.1	2.9	20306	633	590

Index	Test Day Data				Barn Name	--- Current Status ---		----- Reproductive -----		Lactation To Date					Projected 305 Actual		
	Milk	Fat%	Pro%	SCC Actual		Event	Date	Event	Date	Lact	DIM	Milk	Fat%	Pro%	Milk	Fat	Pro
8476	63	3.9	3.2	35	8476	FRSH	9-25-10			1	11	521	4.2	3.5			
8479	T-F				8479	FRSH	10-02-10			1							
8482	57	3.2	3.3	57	8482	FRSH	9-10-10			1	26	1221	3.6	3.7			
8483	56	4.0	3.9	44	8483	FRSH	9-30-10			1	6	239	3.8	3.8			

Test Day Average	Milk	Fat%	Pro%	Fat	Pro	# Cows
	66	3.9	3.1	2.56	2.07	228

Rolling Herd Avg.	Milk	Fat	Pro
	22984	837	708

DHI-220 MONTHLY REPORT

The DHI-220 report provides test day SCC and milk weights for up to six previous test days as well as the current test day. Action codes help determine which cows need breeding, drying off, a preg check or a feed change to prepare for freshening. Averages for cows in milk and the herd are listed after individual cow data. A list of cows that reached their 305-day lactation or completed their lactation is listed separately.

HEADING INFORMATION

Breed - A two character alphabetic code to identify the herd's breed. If 75% or more of the cows are of one breed, that breed is listed. The letters XX designate that no breed makes up 75% of the herd.

Type Test - short name and code for the record plan on which the herd is enrolled.

Prev. Test - the month, day and year of the previous test for this herd.

Test Date - month, day and year that the DHI technician finished collecting or verifying data. If a technician records milk weights for the afternoon milking on July 16 and finishes the test the following morning, July 17 is the test date.

Processed - the month , day and year when all data for the current test day were processed at DRMS.

Herd Code is unique for each herd. The first two digits identify the state, the third and fourth digits identify the county, and the fifth through eighth digits identify the herd within the county.

Name - owner's name and farm name (if used) for the herd.

INFORMATION FOR MILKING ANIMALS

Breed / Batch - A two character alphabetic code is used to identify each cow's breed. If the herd is using group or batch numbers, this number for each cow is printed under the breed code.

Permanent ID / Sire ID - The cow's eartag or registration number is printed above the identity for the cow's sire.

Cow ID - A registration number, standard series eartag, American ID or 15-digit ID is usually available for each cow. These numbers may be used or ID may be left blank for herds whose records are not sent to USDA for genetic evaluation. If the ID used is from an RFID tag, the last 8 digits will be preceded by "R".
Sire ID - Each herd may elect to have AI sires identified by National Association of Animal Breeders (NAAB) Code Number or by NAAB Code Name. Be sure your technician knows your preference for sire ID. Non-AI sires in the cross-reference file can be identified by their short name. To send a short name for a Non-AI sire for the DRMS cross-reference file, see your technician.

SCC and Milk Weights by Test Day - The milk weight to the nearest pound and the actual somatic cell count to the nearest 1,000 cells (or the SCC linear score) is printed for each cow in milk for as many as six previous test days during the current and previous lactation. The month and day for each preceding test is printed at the top of column. Be sure your technician knows your preference for SCC results (actual or linear score).

Sample Day Data: Milk, SCC, Fat%, Pro% - Current test day data is listed in these columns and includes the milk weight, actual SCC, and fat and protein percentages. One of several messages could print in the Milk column:

TOO FSH - cow was in milk less than 4 days on test day. Milk weights, if reported, were not used.

NO WTS - milk weights were not reported on the first test.

A, E or H - milk weight was estimated using last month's milk production.

***** - production dropped more than 20% and at least 10 lbs. since previous test day.

DRY - cow was dry on test day.

LEFT - cow removed from herd this test period.

Income Over Feed $ indicates each cow's net return above feed cost since beginning the previous dry period. These values are only calculated for herds reporting feed information. Feed cost is estimated for each cow for each test period using the cow's body weight, and the feed quantities and prices reported. Lactation-to-date feed cost for each cow is accumulated from the previous dry date through the current test day. Value of product (milk income) is calculated for each test period based on the cow's milk yield, fat and protein percentages, and the milk price and fat/protein differentials reported for the herd. The lactation to date value of product is accumulated from the calving date through the current test day. Lactation- to-date income over feed cost is obtained by subtracting the lactation to date feed cost from the lactation-to-date value of product. Dry cows and cows very early in lactation frequently have a negative income over feed cost because their income to date is less than their feed cost since being turned dry.

Summit Milk is the average of the two highest of the first three test days production. Reviewing these values can indicate the level of the nutrition program for the herd. Cows peaking low and/or early can be a sign of inadequate nutrition, whereas cow peaking later in lactation, but at high levels is seen in herds receiving BST or some form of added fat.

Barn Name / Index - Every cow on DHI must have a unique 5-digit index number. The Barn Name for each cow is printed beneath the Index Number for herds using barn names. A barn name may consist of any combination of up to seven letters or numbers.

LACTATION TO DATE

Lact No. - is the current lactation number for each cow. Cows entering the herd without a lactation number reported will be estimated based on age. More details are in the DHI Glossary on the DRMS website. If this estimated lactation number is incorrect, advise your DHI technician so a correction can be made. Age at freshening is given in years and months and is calculated from the date of birth reported when the cow was enrolled.

Days Dry - For cows in milk, the number of days dry prior to the current lactation is printed. The number of days dry through the current test day is printed for cows currently dry (first lactation cows in milk have no days dry).

Fresh Date - The day on which the cow calved is the beginning date for the current lactation. This column identifies that date by the day and month.

Age Yr / Mo lists the cow's age at freshening in years and months. Cows entering the herd without a birth date reported will receive an estimated birth date based on breed and lactation number. More details are in the DHI Glossary on the DRMS website. Incorrect ages will affect feed needed, 305-2X-ME, and herdmate comparison figures so an accurate birth date or best estimate must be included for each cow.

Days in Milk - If the cow was enrolled prior to or at the time of calving, the number of days in milk during the current lactation is printed here. A cow's record starts on the day of freshening and continues until the record is terminated by a dry date, a subsequent freshening, an abortion of by the cow leaving the herd.

Days 3X is the number of days in the current lactation that the cow was milked three times daily.

Milk is the total pounds of milk the cow is credited with producing during the current lactation. 305 day records are printed after the entire herd is listed. 365-day records are printed at the end of the herd if the herd is on the 365-day record option (which can be requested through your technician).

ERPA $ - The reported milk price, fat and protein differential for the herd and the cow's ERPA for milk, fat and protein is used to determine a ERPA dollar deviation. ERPA is the difference between the average of a cow's 305-day, 2X, ME records and the average of all her herdmates' 305-day, 2X, ME records, weighted by the cow's number of lactations. ERPA is the best available estimate of a cow's future relative producing ability, considering her previous lactations and the record in progress.

Fat / Fat% is the total butterfat yield (pounds and percentage) that the cow is credited with producing during the current lactation.

Pro / Pro% is the total protein yield (pounds and percentage) the cow is credited with producing during the current lactation.

CAR - If there is an applicable CAR (condition affecting record) code, it is printed. A key for the CAR codes is printed at the bottom of the form. These codes provide several kinds of information about the cow's record or the current milk weight or component test. Numeric codes provide termination codes which enable the record to be used properly in genetic evaluations. Alpha codes indicate something about the current test day's milk weight or component test. Reported codes A (abnormal) and H (in heat) do not print unless production was low enough to be estimated using last test day production (40% rule). F indicates that the technician was unable to collect a sample, and the fat and protein will be estimated by DRMS. L indicates that the lab was unable to get results on the sample, and fat and protein will be estimated by DRMS.

Rat. (Rating) - Letter ratings categorize cows into five production groups based on their current lactation. To determine the rating, the current 305-day, 2X, ME records for all cows are adjusted to a 3.5% fat and 3.2% protein energy corrected milk (ECM) basis. (The formula for ECM is 0.327 x milk lbs.+12.95 x fat lbs.+7.65 x protein lbs.) The ECM record for each cow is divided by the ECM lactation average for the herd and the results are designated as follows:

A = Top Cows - more than 110% of herd average

B = Above Average - 100 to 110% of herd average

C = Below Average - 90 to 100% of herd average

D = Marginal Cows - 80 to 90% of herd average

E = (probable cull cows) - < 80% of herd average

Note: breed adjustments are applied when calculating ratings for multi-breed herds.

Income Over Feed $ - Lactation-to-date feed cost for each cow is accumulated from the previous dry date through the current test day. The lactation-to-date value of product is accumulated from the calving date through the current test day. Lactation-to-date income over feed cost is obtained by subtracting the lactation to date feed cost from the lactation-to-date value of product.

Perst. % is an index based upon each cow's current projected 305 ME production compared to her projected 305 ME production on the previous test day. *The formula is (New Projection/Last Month's Projection) X 100 = Persistency Percent.* A persistency of 100 indicates that the change in test day production since last test day is similar to the average for animals of the same breed, age and season of calving.

Projected 305 Actual or Standardized - The projected pounds of milk, fat and protein can be calculated and printed as actual 305-day or standardized, 2X, ME records. Tell your DHI technician which one you prefer. The *Test Interval method* is used for calculating production records. All records are standardized to make records for different cows comparable. Records for cows milked three times per day (3X) are usually adjusted to a two times per day (2X) basis. Lactation length is standardized by using production for the first 305 days for cows in milk over 305 days. Projected 305-day, 2X records are adjusted for age, season of calving and location to obtain ME records. Standardized milk and fat records may be lower than the corresponding actual records for certain cows freshening at a mature age and in a favorable season or for cows milked 3X. Standardized lactation records do not change after 305 days in milk or after the cow has been turned dry. ***NOTE:*** *3X herds can have ME calculated as on a 3X basis. This can be requested by your DHI technician.*

Diff. From Herdmates is the number of pounds of milk, fat and protein that the current 305-day ME record is above (+) or below (-) the average of herdmates. Herdmates are all other animals of the same breed that freshened in the same herd during the same year and season.

BREEDING INFORMATION

Times Bred / Bred Date / Service Sire ID - The number of times bred along with the most recent reported breeding date is printed above the identity of the service sire for the breeding. Service Sire Identification can display as either code name or code number. Let your technician know which ID you

prefer. All service sires should be reported by AI code number or registration number so that appropriate sire proof information can be recalled from data files.

Due Date - If the cow was not diagnosed open, the date due for that breeding date is printed in this section. If the cow has not been diagnosed pregnant, a dash (-) will print between the month and day of the due date. Once a cow is reported pregnant, an asterisk (*) will print between the month and day of the due date. *Gestation periods used by DRMS are: Ayrshire - 282 days; Brown Swiss - 290 days; Guernsey - 286 days; Holstein - 280 days; Jersey - 279 days; Other - 282 days.; Goat breeds - average 150 days with a range of 145 to 157 days.* Due Date is calculated and printed on the first DHI report after the breeding date is reported by the DHI technician. A cow who passes her expected due date will have the message "Past Due" overprinted above the Breeding Date and Due Date instead of the last reported service sire. Any cow with a "Past Due" message printed should be checked to verify the last reported breeding date

Action Needed - one of four codes with a date may print in this section to show the management action needed for this cow. Codes are:

B - Breeding reminder. The date listed with this code is 45 days after freshening. Cows should be bred during heat 45 to 90 days after calving for a 12 to 13 month calving interval. A different number of days can be selected. Let your technician know the number of days you prefer to wait before the first breeding (voluntary waiting period).

*D - Drying reminder***.** The date listed with this code is 60 days prior to the due date. A different number of day can be selected. Let your technician know the number of days you prefer for cows to stand dry.

F - Feeding reminder for dry cows. The date listed with this code is 14 days prior to due date. The level of grain mix is increased one pound per hundred pounds of body weight, if needed, during the two weeks prior to freshening.

P - Pregnancy diagnosis reminder. The date listed with this code is 42 days after the last date bred. If the cow does not come in heat in a few days after the date listed, she has passed two heat periods since being bred and should be checked to confirm pregnancy. The number of days for is based on whether or not you report pregnancy diagnosis. Let your technician know if preg checks will be recorded.

Lactations Completed This Test Period - A separate listing is provided with cows that have completed a lactation this test period. Production for the first 305 days are printed the month the 305-day record is completed. Production for the first 365 days are printed the month a 365-day record is completed if your herd is on that option (see your technician to request the 365-day record option).

Breed
HO

Type Test
22-DHIR APCS

MONTHLY REPORT

Prev. Test	Test Date	Processed
08-23-2010	**10-05-2010**	**10-06-2010**

55-99-9999
HENRY SMITH
SMITH DAIRY FARM

DHI-220

Breed / Batch	Permanent ID / Sire ID	SCC and Milk Weights by Test Day						Sample Day Data			Barn Name / Index	Lactation To Date								Projected 305 Actual			Times Bred / Bred Date / Service Sire ID	Due Date / Action Needed
		Test Date 01-16	Test Date 03-13	Test Date 04-24	Test Date 06-05	Test Date 07-10	Test Date 08-23	Milk / SCC	Fat% / Pro%	Income Over Feed $ / Summit Milk		Lact No. / Days Dry	Fresh Date / Age Yr/Mo	Days in Milk / Days 3X	Milk / ERPA $	Fat / Fat%	Pro / Pro%	CAR / Rat.	Income Over Feed $ / Perst. %	Diff. from Herdmates: Milk	Fat	Pro		
HO	62425211	42	DRY	61	104	101	97	86.3	4.2		AURETTA	2	4-02	187	16615	595	481			24258	910	717	3	9-18	6-25
1	STRMNNRMN	214		15	13	23	23	41	3.1	103	8265	43	3-03	187	-255	3.6	2.9	B	103	-1676	+10	-49	SENTRY		P 10-28
HO	62425215	73	62	61	50	DRY	DRY	DRY			BABS	2	10-23							18488	807	593	1	1-02	10*09
9	MAILING	17	27	38	29						8269	48	2-10		-676			C	100	-5271	-36	-138	GARRETT		F
HO	62425305	85	79	91	86	87	78	75.0	4.8		BABS	1	12-10	300	24728	1014	841			24975	1034	849	3	5-15	2*19
1	100HO08880	18	20	17	13	13	14	20	3.7	88	8359		2-01	300	+453	4.1	3.4	A	101	+3650	+287	+200	SHOUT		
HO	62425311	85	77	95	90	83	70	DRY			BLAZER	1	11-24							24735	706	790	1	2-06	11*13
9	BRETT	31	33	22	19	31	31				8365	13	1-11		+125			B	101	+2778	-73	+139	GARRETT		F 10-23
HO	62425358							76.5	6.1		BLAZER	1	9-26	10	566	36	18			BWT:	1700				
8	BRETT							81	2.9		8412		2-06	10		6.4	3.2								B 12-04
HO	62425312	75	62	65	61	58	41	22.7	5.2		BOOTRED	1	11-29	311	18066	754	589	C		17922	746	584	1	2-20	11*27
3	DSTRGN-RD	27	17	20	22	35	93	141	3.7	69	8366		1-11	311	-336	4.2	3.3	C	100	-4869	-25	-101	DUSK		D 10-08
HO	61532761	DRY	61	86	76	70	65	65.5	4.1		BOOTS	3	2-11	237	16516	592	504			19984	734	620	1	4-24	1*29
1	STARDUST			14	25	20	18	33	3.1	81	8090	91	4-07	237	-794	3.6	3.1	E	106	-6345	-192	-169	STANLEY		
HO	62425345			70	86	80	76	75.7	4.8		BOOTS	1	4-06	183	14014	548	421			21582	910	669			
3	OMAR			23	17	17	19	22	3.1	83	8399		2-02	183	-6	3.9	3.0	B	105	-1340	+108	-23	MORPHEOUS		B
HO	62425123	69	56	53	DRY	DRY	DRY	100.6	5.3		BOOTSET	3	9-13	23	1944	113	58			BWT:	1600				
1	RDMRKR*RC	17		29				174	2.6		8177	102	4-06	23	-209	5.8	3.0								B 11-21
MS	62425164	63	49	40	30	19	DRY	95.8	5.5		BRENDA	3	8-28	39	3400	204	107								
8	PEERLESS	123	200	100		57		174	2.9		8218	44	4-01	39	-182	6.0	3.1								B 11-05
MS	65799828							54.2	2.6		BRENDA	1	9-10	26	1170	34	35			BWT:	900				
8	AFTER							17	2.7		8464		2-00	26		2.9	3.0								B 11-18
JE	62425103	63	60	64	53	53	47	DRY			BRENDY	3	12-24							16581	828	603			
9	COUNTRY	66	27	31	13	38	107				8157	20	3-11		-222			C	102	+259	+59	+32			
HO	61532669	TF	91	83	66	54	31	DRY			BURGNUE	4	1-13							18079	625	571	2	5-15	2*19
9	FOREMAN		87	93	93	264	264				7998	13	4-11		-662			E	102	-7976	-281	-210	SHOUT		
HO	62425353							63.1	4.9		BURGNUE	1	9-20	16	788	42	30			BWT:	1600				
8	SEAMASTER							35	3.4		8407		2-06	16		5.3	3.8								B 11-28
HO	62425159	52	38	DRY	DRY	89	103	96.6	3.7		CAMAIE	3	6-11	117	10845	433	294			23967	914	664			
3	DUPLEX	132	174			115	47	373	2.8	100	8213	50	3-10	117	+168	4.0	2.7	C	106	-1381	-12	-55	SHOUT		B
HO	62425253	76	70	76	66	DRY	DRY	102.9	3.9		CAMAIE	2	8-26	41	3839	166	104								
3	OUTSIDE	20	13	13	13			50	2.5		8307	49	3-04	41	-98	4.3	2.7								B 11-03
HO	61532605	97	82	90	82	DRY	95	135.4	3.1		CAMAY	5	8-11	56	6137	223	191			26880	890	844			
1	O MAN	29	22	115	71		187	200	3.0	115	7934	48	5-11	56	+416	3.6	3.1	B		+687	-33	+88			B 10-19
HO	62425136	56	38	41	DRY	DRY	DRY	DRY			CAMAY	2	6-25							21505	759	667	4	1-16	10*23
9	EDITION	141	187	100							8190	69	3-02		+36			C	100	-3311	-98	-54	BUGATTI		F
HO	62425137	70	50	39	31	DRY	DRY	52.5	3.6		CAMAY	3	9-14	22	970	39	32			BWT:	1700				
1	DUPLEX	38	174	1393	214			162	2.9		8191	68	4-05	22	-443	4.0	3.3								B 11-22
HO	62425307		74	93	99	88	83	80.7	3.7		CAMIE	1	2-07	241	20333	657	606			24806	821	751	3	7-17	4*23
3	SEAMASTER		15	18	13	33	20	17	3.2	96	8361		2-02	241	+198	3.2	3.0	B	103	+2629	+35	+74	TRIGGER		

Rating Codes:
- A. Top Cows
- B. Above Average
- C. Below Average
- D. Marginal Cows
- E. Bottom Cows

Lead Feed Days = 21, not 14.

Condition Affecting Record (CAR):
- 1. Sold Feet/Legs
- 2. Sold Dairy
- 3. Sold Low Prod.
- 4. Sold Repro.
- 5. Sold Injury/Other
- 6. Died
- 7. Sold Mastitis
- 8. Sold Disease
- 9. Sold Udder
- X. Sold Reason Not Rprtd.
- B. Started or Ended by Abortion
- C. 305 Day Rec. computed
- A. Abnormal
- E. Estimated Production
- F. Fat% Est. by Supv.
- H. In Heat on Test Day
- I. Injtd. Prior or During Milk
- L. Fat% Est. by Lab

Due Date Codes:
- * Confirmed Preg.
- - Not Confirmed Preg.

Action Codes:
- B. To Breed
- D. To Dry
- F. Lead Feed
- P. Preg. Check

Breed / Batch	Permanent ID / Sire ID	SCC and Milk Weights by Test Day: Test Date 01-16 Milk / SCC	Test Date 03-13 Milk / SCC	Test Date 04-24 Milk / SCC	Test Date 06-05 Milk / SCC	Test Date 07-10 Milk / SCC	Test Date 08-23 Milk / SCC	Sample Day Data: Milk / SCC	Fat% / Pro%	Income Over Feed $ / Summit Milk	Barn Name / Index	Lactation To Date: Lact No. / Days Dry	Fresh Date / Age Yr/Mo	Days in Milk / Days 3X	Milk / ERPA $	Fat / Fat%	Pro / Pro%	CAR / Rat.	Income Over Feed $ / Perst. %	Projected 305 Actual, Diff. from Herdmates: Milk	Fat	Pro	Times Bred / Service Sire ID	Bred Date	Due Date / Action Needed
HO	62425158	93	144	160	149	124	110	84.4	2.7		WINNIE	2	1-08	271	34786	815	1003			37569	880	1083	2	5-08	2*12
1	AUGUSTINE	66	19	29	13	66	132	246	3.3	152	8212	57	3-05	271	+752	2.3	2.9	A	100	+11668	+11	+307	SHOUT		
HO	61532767	83	79	76	45	DRY	61	68.9	3.2		ZAMILA	4	7-20	78	4695	140	122			16761	573	444			
1	DIE-HARD	528	460	325	100		20	13	2.7	65	8096	40	5-00	78	-177	3.0	2.6	E		-6883	-282	-216			B
HO	61532720	DRY	90	102	60	61	52	23.7	3.4		8003	4	2-10	238	16209	535	457			17182	567	484	2	6-19	3*26
1	BLUERIBBN		29	22	15	13	41	174	3.3	96	8049	90	4-10	238	-857	3.3	2.8	E	92	-9000	-343	-288	CHALLENGR		
HO	61532745	67	99	98	99	95	74	69.1	4.9		8035	4	1-08	271	23920	870	698			26073	966	761	5	9-04	6-11
3	ALEXANDER	400	81	107	50	87	919	8445	3.1	98	8074	50	4-07	271	-26	3.6	2.9	C	103	-934	+34	-39	BLACKOUT		P 10-14
HO	65799813						64	92.3	2.9			1	8-13	54	4045	158	131			21803	719	715			
3	COMBAT						71	27	3.0	78	8449		2-00	54	+26	3.9	3.2	B		+960	-48	+104			B 10-21
HO	65799816						59	80.5	3.9			1	8-07	60	3882	165	128			19565	771	658			
3	OMAR						373	35	3.1	70	8452		2-00	60	-81	4.3	3.3	B		-1292	+5	+46			B 10-15
HO	65799824							18.4	1.9			1	10-01	5	64	1	3			BWT:	1100				
8	NORSKI							696	5.3		8460		2-01	5		1.6	4.7								B 12-09
HO	65799834							48.0	6.9			1	10-01	5	168	11	6			BWT:	1300				
8	FINAL							650	3.8		8470		2-00			6.5	3.6								B 12-09
HO	65799835							75.0	2.5			1	9-03	33	2104	59	69								
3	COMBAT							31	3.0		8471		1-11	33		2.8	3.3								B 11-11
HO	65799840							63.1	3.9			1	9-25	11	521	22	18			BWT:	1100				
8	NORSKI							35	3.2		8476		1-11	11		4.2	3.5								B 12-03
HO	65799843											1	10-02					L		BWT:	1000				
8	BOLIVER										8479		1-11												B 12-10
HO	65799846							56.6	3.2			1	9-10	26	1221	44	45			BWT:	1100				
3	ADVENT-RD							57	3.3		8482		1-10	26		3.6	3.7								B 11-18
HO	65799847							56.0	4.0			1	9-30	6	239	9	9			BWT:	1100				
8	LOU							44	3.9		8483		1-11	6		3.8	3.8								B 12-08

********** Lactations (305, 365, Left & Complete) Completed This Test Period **********

JE	62425218	54	39	DRY	85	86	77	Sold 09-07-10			BARKLOW	2	5-12	119	9582	352	288	2		19835	767	622			
	COUNTRY	57	57		18	19	23				8272		3-04	119	+182	3.7	3.0	C	107	+1600	+2	+12			
HO	62425311	85	77	95	90	83	70	Dry 09-23-10			BLAZER	1	11-24	303	24490	699	790			24735	706	790			
9	BRETT	31	33	22	19	31	31				8365	13	1-11	303	+125	2.9	3.2	B	101	+2778	-73	+139			
HO	62425312	75	62	65	61	58	41	305 Day			BOOTRED	1	11-29	305	17922	746	584			17922	746	584			
3	DSTRGN-RD	27	17	20	22	35	93				8366		1-11	311	-336	4.2	3.3	C	100	-4869	-25	-101			
JE	62425103	63	60	64	53	53	47	Dry 09-16-10			BRENDY	3	12-24	266	14938	746	543			16581	828	603			
9	COUNTRY	66	27	31	13	38	107				8157	20	3-11	266	-222	5.0	3.6	C	102	+259	+59	+32			
JE	62425373						52	Sold 09-07-10			BRENNA	1	8-18	21	1008	59	36	2		1008	59	36			
	JUAN						214				8426		2-02	21		5.9	3.6								
HO	61532669	TF	91	83	66	54	31	Dry 09-23-10			BURGNUE	4	1-13	253	16896	595	539			18079	625	571			
9	FOREMAN		87	93	93	264	264				7998	13	4-11	253	-662	3.5	3.2	E	102	-7976	-281	-210			

Rating Codes:
A. Top Cows
B. Above Average
C. Below Average
D. Marginal Cows
E. Bottom Cows

Lead Feed Days = 21, not 14.

Condition Affecting Record (CAR):
1. Sold Feet/Legs
2. Sold Dairy
3. Sold Low Prod.
4. Sold Repro.
5. Sold Injury/Other
6. Died
7. Sold Mastitis
8. Sold Disease
9. Sold Udder
X. Sold Reason Not Rprtd.
B. Started or Ended by Abortion
C. 305 Day Rec. computed
A. Abnormal
E. Estimated Production
F. Fat% Est. by Supv.
H. In Heat on Test Day
I. Injtd. Prior or During Milk
L. Fat% Est. by Lab

Due Date Codes:
* Confirmed Preg.
\- Not Confirmed Preg.

Action Codes:
B. To Breed
D. To Dry
F. Lead Feed
P. Preg. Check

DHI-225 MONTHLY REPORT

The DHI-225 report lists test day SCC and milk weight for the current test day. A list of cows that reached their 305-day lactation or completed their lactation are listed separately.

HEADING INFORMATION

Breed - A two character alphabetic code to identify the herd's breed. If 75 % or more of the cows are of one breed, that breed is listed. The letters XX designate that no breed makes up 75 % of the herd.

Type Test - short name and code for the record plan on which the herd is enrolled.

Prev. Test - the month, day and year of the previous test for this herd.

Test Date - month, day and year that the DHI technician finished collecting or verifying data. If a technician records milk weights for the afternoon milking on July 16 and finishes the test the following morning, July 17 is the test date.

Processed - the month , day and year when all data for the current test day were processed at DRMS.

Herd Code is unique for each herd. The first two digits identify the state, the third and fourth digits identify the county, and the fifth through eighth digits identify the herd within the county.

Name - owner's name and farm name (if used) for the herd.

INFORMATION FOR MILKING ANIMALS

Breed - A two character alphabetic code is used to identify each cow's breed.

Sire ID- Each herd may elect to have AI sires identified by National Association of Animal Breeders (NAAB) Code Number or by NAAB Code Name. Let your technician know your preference. NAAB Code Numbers are used if no choice is made. Non-AI sires in the cross-reference file can be identified by their short name. To send a short name for a Non-AI sire for the DRMS cross-reference file, see your technician.

Permanent ID - A registration number, standard series eartag, American ID or 15-digit ID is usually available for each cow. These numbers may be used or ID may be left blank for herds whose records are not sent to USDA for genetic evaluation.

TEST DAY DATA

Daily Milk Wt. - is the milk weights from the current test day. One of several messages could print:

TOO FSH - cow was in milk less than 4 days on test day. Milk weights, if reported, were not used.

NO WTS - milk weights were not reported on the first test.

A, E or H - milk weight was estimated using last month's milk production.

***** - production dropped more than 20% and at least 10 lbs. since previous test day.

DRY - cow was dry on test day.

LEFT - cow removed from herd this test period.

% of Milk Last Test is the percentage of last test day milk that was produced this test day (current test day milk / previous test day milk) x 100 = % of milk last test. Cows normally produce 10% less per month after reaching peak production.

Pro% / Fat% - If available, protein and fat percent from milk samples taken on test day are printed.

Pro / Fat - If available, protein and fat pounds from milk samples taken on test day are printed.

SCC - Somatic cell count scores or actual SCC to the nearest 100,000 cells for the previous and current test day are printed for herds receiving the SCC test on samples. Be sure your technician knows your preference for SCC results (actual or linear score).

Status Date / Code - displays the current status code for each cow. The month and day of her most recent status change is printed to the left of the code. A key to the status codes is printed at the bottom of the column.

Index / Barn Name- Every cow on DHI must have a unique 5-digit index number. The Barn Name for each cow is printed beneath the Index Number for herds using barn names. A barn name may consist of any combination of up to seven letters or numbers.

Days in Milk - If the cow was enrolled prior to or at the time of calving, the number of days in milk during the current lactation (Lactation To Date) is normally printed under the "Days in Milk" heading. The message "INC" prints in place of days in milk for cows in milk over 75 days when the first test day production is obtained. On the test day a cow reaches or exceeds 305 days in milk, 305 prints as the "Days In Milk". Similarly, 365 prints after a cow completes a 365-day record if the herd is on the 365-day record option (which can be requested through your technician).

LACTATION TO DATE

Milk is the total pounds of milk the cow produced during the current lactation. Pounds of milk produced during the first 305 days is printed the month the 305-day record is completed. Pounds of milk produced during the first 365 days is printed the month a 365-day record is completed if the herd is on the 365-day record option. (See your technician to request this option.)

Pro% / Fat% - Lactation-to-date protein and fat percentages are printed if lactation-to-date milk and component yields are printed. If either 305-day or 365-day yields are printed, the corresponding component percentages will print.

Pro / Fat is the total component yields (pounds of fat and protein) produced during the current lactation. Total yields for the first 305 days or first 365 days are printed the month those records are calculated.

Lact # - The current lactation number for each cow is printed above her age at calving. Lactation numbers are estimated on the basis of age for cows enrolled after their first lactations. More details are in the DHI Glossary on the DRMS website. If this estimated lactation number is incorrect, advise your DHI technician so a correction can be made.

Age at Calving is given in years and months and is calculated from the date of birth. Cows entering the herd without a birth date reported will receive an estimated birth date based on breed and lactation number. More details are in the DHI Glossary on the DRMS website.

Projected 305 Actual or Standardized - Projected lactation records in this section can be calculated and printed as actual 305-day or standardized, 2X, ME records. Let your technician know which type of projected lactation record you prefer. The Test Interval method is used for calculating production records as described in the National DHIA Uniform Operating Procedures. All records are standardized to make records for different cows comparable. Records for cows milked three times per day (3X) are usually adjusted to a two times per day (2X) basis, except for those affiliates that have chosen not to adjust production from 3X herds to a 2X basis. Lactation length is standardized by using production for the first 305 days for cows in milk over 305 days. Projected 305-day, 2X records are adjusted for age, season of calving and location to obtain ME records. Standardized milk and fat records may be lower than the corresponding actual records for certain cows freshening at a mature age and in a favorable season or for cows milked 3X. Standardized lactation records do not change after 305 days in milk or after the cow has been turned dry.

Value Prod. indicates the accumulated dollar value of each cow's milk production for the current lactation. The calculation includes appropriate fat and protein percentages for each cow and the herd milk price and fat/ protein differentials reported each test day.

BREEDING INFORMATION

Repro - may include the number of services (1-9) and a reproductive code. Codes are:

- *C* - *Do Not Breed***:** cows are excluded from any reproductive summary calculations. It is assumed that these cows are to be sold without rebreeding.
- *K* - *Checked OK to Breed*: cows which have passed a postpartum examination.
- *N* - *Open***:** cows found "not pregnant" upon rectal palpation or ultrasound.
- *H* - *In Heat***:** cow was in heat but was not serviced on the date provided.
- *P* - *Diagnosed Pregnant*: cows confirmed pregnant upon rectal palpation or ultrasound.
- *E* - *Estimated Bred Date*: an estimated bred date was calculated based upon rectal palpation or ultrasound; cow will be treated as a pregnant cow in all reports and summaries.

Service Sire ID can display as either code name or code number. Let your technician know which ID you prefer. All service sires should be reported by AI code number or registration number so that appropriate sire proof information can be recalled from data files.

Due Date is calculated from each cow's last reported breeding date and the gestation period appropriate for the breed. The Due Date is calculated and printed on the first DHI report after the breeding date is reported by the DHI technician. Every cow with a breeding date reported will have a Due Date printed, even if pregnancy has not been confirmed. A cow who passes her expected Due Date will have the message "Past Due" overprinted above the Breeding Date instead of the last reported service sire. Any cow with a "Past Due" message printed should be checked to verify the last reported breeding date. $$ will appear in the Due Date column if the calf from this breeding is calculated to be in the U.S. DHIA top 5% genetically.

Gestation periods used by DRMS are: Ayrshire - 282 days; Brown Swiss - 290 days; Guernsey - 286 days; Holstein - 280 days; Jersey - 279 days; Other - 282 days; Goat breeds - averages 150 days with a range of 145 to 157 days.

MANAGEMENT FACTORS

Action Code refers to a management decision to be made by the producer relating to each individual cow. A key to these codes is printed near the bottom of the column. A combination of action codes means that the cow has exceeded the limit set for both codes. For example, (BN) would indicate a cow open more than 100 days which should be serviced on the next heat.

Rating is a letter rating to categorize cows into five production groups based on their current lactation. To determine the rating, the current 305-day, 2X, ME records for all cows are adjusted to a 3.5% fat and 3.2% protein energy corrected milk (ECM) basis. (The formula for ECM is 0.327 x milk lbs.+12.95 x fat lbs.+7.65 x protein lbs.) The ECM record for each cow is divided by the ECM lactation average for the herd and the results are designated as follows:

A = Top Cows - more than 110% of herd average

B = Above Average - 100 to 110% of herd average

C = Below Average - 90 to 100% of herd average

D = Marginal Cows - 80 to 90% of herd average

E = (probable cull cows) - < 80% of herd average

Note: breed adjustments are applied when calculating ratings for multi-breed herds.

Days Dry - For cows in milk, the number of days dry prior to the current lactation is printed. The number of days dry through the current test day is printed for cows currently dry (first lactation cows in milk have no days dry).

Days Open - The number of days open following the most recently reported calving date is printed. Days open is the interval from date of calving through the most recent breeding date for cows with Due Dates, or the interval from date of calving through the current test day for open cows.

Rolling Herd Average: Milk / Fat / Protein is provided at the bottom of the page. To calculate RHA, total yearly production for the herd and total cow-days for the year are needed. These are accumulated by test intervals to obtain a production year of 365 days. When total yearly production and total cow-days for the year are obtained, total yearly production is divided by total yearly cow-days to yield the average daily production for all cows that were available during the past production year. This average daily production is multiplied by 365 to get the RHA.

Lactations Completed This Test Period - A separate listing is provided with cows that have completed a lactation this test period. Production for the first 305 days are printed the month the 305-day record is completed. Production for the first 365 days are printed the month a 365-day record is completed if your herd is on that option. See your technician to request the 365-day record option.

Breed
HO
Type Test
22-DHIR APCS

MONTHLY REPORT

Prev. Test **08-23-2010** Test Date **10-05-2010** Processed **10-06-2010**

55-99-9999
HENRY SMITH
SMITH DAIRY FARM

DHI-225

Breed	Sire ID / Permanent ID	Test Day Data: Daily Milk Wt.	% of Milk Last Test	Pro% / Fat %	Pro / Fat	SCC	Status Date/Code		Index / Barn Name	Days in Milk	Lactation To Date: Milk	Pro% / Fat%	Pro / Fat	Lact # / Age at Calving	Projected 305 Actual: Milk	Fat	Pro	Value Prod.	Repro	Service Sire ID / Due Date	Action Code	Rating	Days Dry / Days Open
HO	STRMNNRMN 62425211	86	89	3.1 4.2	3 4	41	04-02	2	8265 AURETTA	187	16615	2.9 3.6	481 595	2 3-03	24258	910	717	2233	3	SENTRY 06-25		B	43 169
HO	MAILING 62425215	DRY					08-19	3	8269 BABS	300	18488	3.2 4.4	593 807	2 2-10	18488	807	593	2543	P 1	GARRETT 10-09	G	C	48 71
HO	100HO08880 62425305	75	96	3.7 4.8	3 4	20	12-10	6	8359 BABS	300	24728	3.4 4.1	841 1014	1 2-01	24975	1034	849	3477	P 3	SHOUT 02-19		A	156
HO	BRETT 62425311	DRY					09-23	3	8365 BLAZER	303	24490	3.2 2.9	790 699	1 1-11	24735	706	790	2918	P 1	GARRETT 11-13	G	B	13 74
HO	BRETT 62425358	77		2.9 6.1	2 5	81	09-26	6	8412 BLAZER	10	566	3.2 6.4	18 36	1 2-06				97					10
HO	DSTRGN-RD 62425312	* 23	55	3.7 5.2	1 1	141	11-29	6	8366 BOOTRED	311	18066	3.3 4.2	589 754	1 1-11	17922	746	584	2522	P 1	DUSK 11-27	D	C	83
HO	STARDUST 61532761	66	100	3.1 4.1	2 3	33	02-11	2	8090 BOOTS	237	16516	3.1 3.6	504 592	3 4-07	19984	734	620	2104	P 1	STANLEY 01-29		E	91 72
HO	OMAR 62425345	76	99	3.1 4.8	2 4	22	04-06	6	8399 BOOTS	183	14014	3.0 3.9	421 548	1 2-02	21582	910	669	1957	N	MORPHEOUS $$	B N	B	183
HO	RDMRKR*RC 62425123	101		2.6 5.3	3 5	174	09-13	2	8177 BOOTSET	23	1944	3.0 5.8	58 113	3 4-06				309					102 23
MS	PEERLESS 62425164	96		2.9 5.5	3 5	174	08-28	2	8218 BRENDA	39	3400	3.1 6.0	107 204	3 4-01				551					44 39
MS	AFTER 65799828	54		2.7 2.6	1 1	17	09-10	6	8464 BRENDA	26	1170	3.0 2.9	35 34	1 2-00				140					26
JE	COUNTRY 62425103	DRY					09-16	3	8157 BRENDY	266	14938	3.6 5.0	543 746	3 3-11	16581	828	603	2288	C			C	20 286
HO	FOREMAN 61532669	DRY					09-23	3	7998 BURGNUE	253	16896	3.2 3.5	539 595	4 4-11	18079	625	571	2183	P 2	SHOUT 02-19		E	13 122
HO	SEAMASTER 62425353	63		3.4 4.9	2 3	35	09-20	6	8407 BURGNUE	16	788	3.8 5.3	30 42	1 2-06				121					16
HO	DUPLEX 62425159	97	94	2.8 3.7	3 4	373	06-11	2	8213 CAMAIE	117	10845	2.7 4.0	294 433	3 3-10	23967	914	664	1484	N	SHOUT $$	B N	C	50 117
HO	OUTSIDE 62425253	103		2.5 3.9	3 4	50	08-26	2	8307 CAMAIE	41	3839	2.7 4.3	104 166	2 3-04				536					49 41
HO	O MAN 61532605	135	142	3.0 3.1	4 4	200	08-11	2	7934 CAMAY	56	6137	3.1 3.6	191 223	5 5-11	26880	890	844	796				B	48 56
HO	EDITION 62425136	DRY					07-29	3	8190 CAMAY	399	24556	3.1 3.5	769 849	2 3-02	21505	759	667	2877	P 4	BUGATTI 10-23	G	C	69 205
HO	DUPLEX 62425137	53		2.9 3.6	2 2	162	09-14	2	8191 CAMAY	22	970	3.3 4.0	32 39	3 4-05				131					68 22
HO	SEAMASTER 62425307	81	98	3.2 3.7	3 3	17	02-07	6	8361 CAMIE	241	20333	3.0 3.2	606 657	1 2-02	24806	821	751	2622	P 3	TRIGGER 04-23		B	160

Rolling Herd Average		
Milk	Fat	Pro
22984	837	708

Status Codes:

1. In Milk
2. Calved
3. Dry
5. Left Herd
6. First Lact
7. Entered Herd
8. Aborted
9. Induced Lact

Reproduction Codes (Repro):

1-9 No. Breedings
C. DNB (Do Not Breed)
E. Estimated Bred Date
H. In Heat
K. Checked OK to Breed
N. Open
P. Diagnosed Pregnant
W. Diag. Preg. w/twins

Action Codes:

D. Dry cow off 60 days before Due Date
B. Breed cow next heat period after 60 Days in Milk
N. Cow open 100 days or more
G. Start grain feeding 21 days before Due Date
P. Check pregnancy 60 days after reported breeding

Rating Codes:

A. Top Cows
B. Above Average
C. Below Average
D. Marginal Cows
E. Bottom Cows

$$ in Due Date = Calf from this mating will be in U.S. DHIA top 5% genetically.
* = 20% Milk Prod. decline with at least 10 Lbs since prev. test.
Projected ME Milk production after 50 days in milk.

Breed	Sire ID / Permanent ID	Test Day Data: Daily Milk Wt.	% of Milk Last Test	Pro% / Fat %	Pro / Fat	SCC	Status Date/Code		Index / Barn Name	Days in Milk	Lactation To Date: Milk	Pro% / Fat%	Pro / Fat	Lact # / Age at Calving	Projected 305 Actual: Milk	Fat	Pro	Value Prod.	Repro	Service Sire ID / Due Date	Action Code	Rating	Days Dry / Days Open
HO	AUGUSTINE 62425158	84	77	3.3 2.7	3 2	246	01-08	2	8212 WINNIE	271	34786	2.9 2.3	1003 815	2 3-05	37569	880	1083	3884	P 2	SHOUT 02-12		A	57 120
HO	DIE-HARD 61532767	69	114	2.7 3.2	2 2	13	07-20	2	8096 ZAMILA	78	4695	2.6 3.0	122 140	4 5-00	16761	573	444	591			B	E	40 78
HO	BLUERIBBN 61532720	* 24	46	3.3 3.4	1 1	174	02-10	2	8049 8003	238	16209	2.8 3.3	457 535	4 4-10	17182	567	484	2094	P 2	CHALLENGR 03-26		E	90 129
HO	ALEXANDER 61532745	69	94	3.1 4.9	2 3	8445	01-08	2	8074 8035	271	23920	2.9 3.6	698 870	4 4-07	26073	966	761	3203	5	BLACKOUT 06-11	P	C	50 239
HO	COMBAT 65799813	92	145	3.0 2.9	3 3	27	08-13	6	8449	54	4045	3.2 3.9	131 158	1 2-00	21803	719	715	520				B	54
HO	OMAR 65799816	81	136	3.1 3.9	2 3	35	08-07	6	8452	60	3882	3.3 4.3	128 165	1 2-00	19565	771	658	548				B	60
HO	NORSKI 65799824	18		5.3 1.9	1	696	10-01	6	8460	5	64	4.7 1.6	3 1	1 2-01				7					5
HO	FINAL 65799834	48		3.8 6.9	2 3	650	10-01	6	8470	5	168	3.6 6.5	6 11	1 2-00				31					5
HO	COMBAT 65799835	75		3.0 2.5	2 2	31	09-03	6	8471	33	2104	3.3 2.8	69 59	1 1-11				249					33
HO	NORSKI 65799840	63		3.2 3.9	2 2	35	09-25	6	8476	11	521	3.5 4.2	18 22	1 1-11				73					11
HO	BOLIVER 65799843	TF					10-02	6	8479					1 1-11									4
HO	ADVENT-RD 65799846	57		3.3 3.2	2 2	57	09-10	6	8482	26	1221	3.7 3.6	45 44	1 1-10				157					26
HO	LOU 65799847	56		3.9 4.0	2 2	44	09-30	6	8483	6	239	3.8 3.8	9 9	1 1-11				34					6

********** Lactations (305, 365, Left & Complete) Completed This Test Period **********

JE	COUNTRY 62425218	Sold 09-07-10	05-12	2	8272 BARKLOW	119	9582	3.0 3.7	288 352	2 3-04	19835	767	622	1295	P 1	REGION 04-28		C	72
HO	BRETT 62425311	Dry 09-23-10	11-24	6	8365 BLAZER	303	24490	3.2 2.9	790 699	1 1-11	24735	706	790	2918	P 1	GARRETT 11-13		B	13 74
HO	DSTRGN-RD 62425312	305 Day	11-29	6	8366 BOOTRED	305	17922	3.3 4.2	584 746	1 1-11	17922	746	584	2522	P 1	DUSK 11-27		C	83
JE	COUNTRY 62425103	Dry 09-16-10	12-24	2	8157 BRENDY	266	14938	3.6 5.0	543 746	3 3-11	16581	828	603	2288	C			C	20 286
JE	JUAN 62425373	Sold 09-07-10	08-18	6	8426 BRENNA	21	1008	3.6 5.9	36 59	1 2-02	1008	59	36	169					21
HO	FOREMAN 61532669	Dry 09-23-10	01-13	2	7998 BURGNUE	253	16896	3.2 3.5	539 595	4 4-11	18079	625	571	2183	P 2	SHOUT 02-19		E	13 122

Rolling Herd Average		
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Projected ME Milk production after 50 days in milk.

DHI-312 LACTATION REPORT

The DHI-312 Lactation Report is a concise summary of each cow's performance on test day as well as lactation-to-date with additional management notes that are helpful in making decisions regarding each animal currently in the herd. Cows with a Remarks code, have their ID and pertinent data highlighted for quick verification. Unique items include lactation-to-date *Standardized ME Milk* and *Production Index*. An additional list is printed at the end of the report for animals that have reached 305 and 365 days in milk, completed a record or left the herd during the current test period.

REPORT HEADING INFORMATION

Breed - A two character alphabetic code to identify the herd's breed. If 75% or more of the cows are of one breed, that breed is listed. The letters XX designate that no breed makes up 75% of the herd.

Type Test - short name and code for the record plan on which the herd is enrolled.

Prev. Test - the month, day and year of the previous test for this herd.

Test Date - month, day and year that the DHI technician finished collecting or verifying data. If a technician records milk weights for the afternoon milking on July 16 and finishes the test the following morning, July 17 is the test date.

Processed - the month , day and year when all data for the current test day were processed at DRMS.

Herd Code is unique for each herd. The first two digits identify the state, the third and fourth digits identify the county, and the fifth through eighth digits identify the herd within the county.

Name - owner's name and farm name (if used) for the herd.

INFORMATION FOR MILKING ANIMALS

Index - Unique 5-digit number assigned when the cow enters the herd.

Brd – A two character alphabetic code is used to identify the cow's breed.

Permanent ID - A registration number, standard series eartag, American ID or 15-digit ID number is usually available for each cow. This number is used to identify the animal at the Animal Improvement Programs Laboratory for genetic evaluation and at appropriate breed associations.

Sire - Each herd may elect to have AI sires identified by National Association of Animal Breeders (NAAB) Code Number or by NAAB Code Name. Let your technician know your preference. NAAB Code Numbers are used if no choice is made. Non-AI sires in the cross-reference file can be identified by their short name. To send a short name for a Non-AI sire for the DRMS cross-reference file, see your technician.

Prev Milk - Each cow's last sample day milk is listed for easy comparison with the current sample day milk weight. This field will be blank if this is the first test in the lactation. Abnormally large drops in milk weight indicate feeding or management problems. A 10% monthly drop after peak production is normal for mature cows and a 7% drop is normal for first lactation cows.

SAMPLE DAY DATA

Milk - the total of sample day milk weights for each cow. An "x" indicates cow was milked more than two times. An "*" indicates milk weight has been estimated.

% Fat - The milk fat test of the cow on sample day. Values will be highlighted when percent fat is greater than 6.5 or less than the protein percent.

% Pro - The milk protein test of the cow on sample day. Values will be highlighted when percent protein is greater than 4.5 or more than the percent fat.

SCC - Somatic Cell Counts are printed as thousands of cells per milliliter.

Inc. Over Feed Cost equals milk sale value minus feed cost since beginning the previous dry period. Milk value is calculated from the average milk price reported. Feed cost is the string average. These values are only calculated for herds reporting feed information. Feed cost is estimated for each cow for each test period using the cow's body weight, and the feed quantities and prices reported.

Barn Name - is the name or number used to identify the cow in day-to-day management.

Lct # (Lactation number) is the number of times the animal has calved. A new lactation begins with calving. A new lactation will also be started if the cow aborts after carrying calf at least 152 days or if no breeding date was reported at 200 or more days in milk.

Age at Calving - Age is calculated from the birth date of the cow to her calving date. If the birth date is unknown, age is estimated by the owner when the cow enters the herd.

Days Dry - For cows in milk, this is the number of days dry before last calving. For dry cows, it is the number of days from dry date through current test date. Values greater than 100 days will be highlighted.

Calving Date - month, day and year of the calving date as reported.

Due Date - The expected calving date using breed average gestation lengths added to the last reported breeding date. Cows bred less than 91 days ago and not confirmed pregnant will have a "POSS PG" comment printed. Cows designated as reproductive culls will have the comment "DNB" (Do Not Breed). Cows declared open following a breeding will have an "OPEN" comment printed. Values will be highlighted when Days Open is greater than 250 days or if the cow is overdue 30 or more days.

LACTATION-TO-DATE

DIM - The number of days milked from last calving date through current sample date. Values will be highlighted when Days Open is greater than 250 days.

Milk - The accumulated lactation pounds of milk for the days in milk indicated.

% Fat - Average fat % of milk produced in lactation equals total fat pounds divided by milk pounds multiplied by 100.

Fat - The accumulated lactation pounds of fat for the days in milk indicated.

% Pro – Average protein % of milk produced in lactation equals total protein pounds divided by milk pounds multiplied by 100.

Pro - The accumulated lactation pounds of protein for the days in milk indicated.

M.E. - The Mature Equivalent choice selected by the herd owner prints as the column title. Choices are:

Std ME Milk (Standardized ME Milk): The 305-2X-ME milk pounds is standardized on a dollar value basis to milk containing 3.5% fat and 3.0% protein. This is calculated using the nationwide Sire Summary prices for milk, fat, and protein.

$ ME: The dollar value of the standardized M.E. record.

ME Milk or Fat or Pro: Mature Equivalent production is an estimate of the pounds of milk, fat, or protein the cow would have produced if she calved in average season, milked two times per day for 305 days, and was now mature. Factors designed for each region of the U.S. for each breed are used.

Proj Milk: Projected 305 milk pounds is an estimate of the actual milk the cow will produce in the first305 days of lactation. The reliability of the estimate increases as days in milk increase.

LTD IOFC: Lactation-to-date Income Over Feed Cost.

ECM: Energy Corrected Milk is the 305-2X-ME milk pounds standardized on an energy basis to milk containing 3.5% fat and 3.0% protein.

Prod Index - Production Index is intended to be used as a guide in culling cows. It is based on how a cow's production (dollar value) compares with herd mates. The index is expressed as a percent; cows with an index of 100 are average for the herd. Cows will usually range between 75 and 130 in a herd with the poorest cows having the lowest production index.

Remarks - Codes that indicate events or conditions that have occurred; codes are explained in footnotes at the bottom of the report.

305, 365, AND COMPLETED

Following the listing of every cow currently in the herd is a section containing an additional line for animals that have reached 305 or 365 days in milk, completed a record, or left the herd during the current test period. In the set of columns normally used for Sample Day Data is a label indicating the record type.

305 Day: A record for the first 305 days of lactation. Record is printed when days in milk reach or surpass 305 days during the current test period.

365 Day A record for the first 365 days of lactation. Record is printed when days in milk reach or surpass 365 days during the current test period if your herd is on the 365 day records option. See your technician to request this option.

Complete: The completed lactation record for cows that are dried off or leave the herd during the current test period, if the animal has left the herd, a comment follows the label indicating whether the animal **DIED** or was **SOLD** with the date of the event.

FOOTNOTES

This section contains an explanation for any codes that appear in the Remarks column. Potential codes and comments are:

3 = Milked 3X: Cows was milked 3+ times per day at some point in the current lactation.

& = New Cow: This is the first sample day this cow was in the herd.

A = Abortion: This record was initiated by an abortion.

B = Fat>6.5%: A warning that the current sample day fat percent was very high. Several cows with this code indicate further investigation is needed.

C = Components estimated: The components on the current sample day were estimated because lab results were not available.

D = Dry Donor: This cow has been declared a dry donor dam and will not be counted in production statistics for the herd.

E = Milk Est: The milk weight and all component tests were estimated on the current sample day.

F = Off Farm: This cow was reported to be off the farm on the current sample day. The milk weight and all component tests were estimated.

H = Heat: The current sample day production was reported to be affected by the cow being in heat.

I = ID Correction: This cow's identification was changed after the second DHI test. This code is set for the life of the cow.

J = Injection: This cow was observed receiving an injection on the current sample day.

L = Lost Sample: Components on the current sample day were estimated because the sample was reported as lost.

M = Mastitis: Current sample day production was reported to be affected by the cow having mastitis.

O = Meter Malfunction: The milk weight and all component tests were estimated on the current sample day.

P = Protein > 4.5%: A warning that current sample day protein was very high. Several cows with this code indicate further investigation is needed.

S = Sick: The current sample day production was reported to be affected by the cow being sick.

U = Unusable USDA: This lactation will not be used in the national genetic evaluation.

V = Fat < Protein: The current sample day fat percent was lower than the protein percent. Several cows with this code indicate further investigation is needed.

X = Days Dry > 100: A warning that this cow has bee dry for more than 100 days.

Y = Days open > 250: A warning that this cow has been open for more than 250 days.

Z = Overdue by 30 days: A warning that this cow is 30 or more days past her due date.

Breed
HO
Type Test
22-DHIR APCS

LACTATION

Prev. Test **08-23-2010**
Test Date **10-05-2010**
Processed **10-06-2010**

55-99-9999
HENRY SMITH
SMITH DAIRY FARM

DHI-312

					Sample Day Data										Lactation to Date								
Index	Brd	Permanent ID	Sire	Prev Milk	Milk	% Fat	% Pro	SCC	Inc Over Feed Cost	Barn Name	Lct #	Age at Calvng	Days Dry	Calving Date	Due Date	DIM	Milk	% Fat	Fat	% Pro	Pro	Std ME Milk	Prod Index	Remarks
8265	HO	62425211	STRMNNRMN	97	86	4.2	3.1	41		AURETTA	2	3-03	43	04-02-10	Poss PG	187	16615	3.6	595	2.9	481	22983	100	
8359	HO	62425305	100HO08880	78	75	4.8	3.7	20		BABS	1	2-01		12-10-09	02-19-11	300	24728	4.1	1014	3.4	841	27114	128	
8269	HO	62425215	MAILING							BABS	2	2-10	48	10-23-09	10-09-10	300	18488	4.4	807	3.2	593	19344	89	
8412	HO	62425358	BRETT		77	6.1	2.9	81		BLAZER	1	2-06		09-26-10		10	566	6.4	36	3.2	18			&
8365	HO	62425311	BRETT	70						BLAZER	1	1-11	13	11-24-09	11-13-10	303	24490	2.9	699	3.2	790	27495	110	
8366	HO	62425312	DSTRGN-RD	41	23	5.2	3.7	141		BOOTRED	1	1-11		11-29-09	11-27-10	311	18066	4.2	754	3.3	589	20002	93	
8090	HO	61532761	STARDUST	65	66	4.1	3.1	33		BOOTS	3	4-07	91	02-11-10	01-29-11	237	16516	3.6	592	3.1	504	17415	77	
8399	HO	62425345	OMAR	76	76	4.8	3.1	22		BOOTS	1	2-02		04-06-10		183	14014	3.9	548	3.0	421	23381	106	
8177	HO	62425123	RDMRKR*RC		101	5.3	2.6	174		BOOTSET	3	4-06	102	09-13-10		23	1944	5.8	113	3.0	58			X
8218	MS	62425164	PEERLESS		96	5.5	2.9	174		BRENDA	3	4-01	44	08-28-10		39	3400	6.0	204	3.1	107			
8464	MS	65799828	AFTER		54	2.6	2.7	17		BRENDA	1	2-00		09-10-10		26	1170	2.9	34	3.0	35			V&
8157	JE	62425103	COUNTRY	47						BRENDY	3	3-11	20	12-24-09		266	14938	5.0	746	3.6	543	14557	77	D
8407	HO	62425353	SEAMASTER		63	4.9	3.4	35		BURGNUE	1	2-06		09-20-10		16	788	5.3	42	3.8	30			&
7998	HO	61532669	FOREMAN	31						BURGNUE	4	4-11	13	01-13-10	02-19-11	253	16896	3.5	595	3.2	539	15525	67	
8307	HO	62425253	OUTSIDE		103	3.9	2.5	50		CAMAIE	2	3-04	49	08-26-10		41	3839	4.3	166	2.7	104			
8213	HO	62425159	DUPLEX	103	97	3.7	2.8	373		CAMAIE	3	3-10	50	06-11-10		117	10845	4.0	433	2.7	294	22659	96	
8191	HO	62425137	DUPLEX		53	3.6	2.9	162		CAMAY	3	4-05	68	09-14-10		22	970	4.0	39	3.3	32			
8190	HO	62425136	EDITION							CAMAY	2	3-02	69	06-25-09	10-23-10	399	24556	3.5	849	3.1	769	21316	91	
7934	HO	61532605	O MAN	95	135	3.1	3.0	200		CAMAY	5	5-11	48	08-11-10		56	6137	3.6	223	3.1	191	25465	106	
8361	HO	62425307	SEAMASTER	83	81	3.7	3.2	17		CAMIE	1	2-02		02-07-10	04-23-11	241	20333	3.2	657	3.0	606	26410	108	
8374	HO	62425320	LHEROS	63	64	4.4	3.6	566		CANDACE	1	2-00		01-14-10	Poss PG	265	17408	3.7	649	3.2	552	21656	95	Y
7994	HO	61532665	BEST	63	66	5.0	3.9	29		CANDACE	4	4-09	46	11-09-09	03-12-11	331	26511	3.9	1040	3.3	881	21772	100	
8351	HO	62425297	MORTY	92	86	3.8	3.4	33		CANDEE	1	2-03		01-15-10	02-12-11	264	25049	2.9	732	3.0	746	30055	119	
7884	HO	61532555	6961162	65	69	3.8	3.7	325		CANDEE	4	6-01	31	04-11-10	Poss PG	178	14572	2.7	396	2.8	411	17839	72	
8257	HO	62425203	STRMNNRMN	104	78	4.6	3.5	132		CANDEE	2	3-03	55	02-10-10	02-12-11	238	26613	4.3	1136	3.0	790	28951	134	
8273	HO	62425219	ALANTA	45						CANDEE	2	2-09	34	10-19-09	10-23-10	318	21625	3.6	782	3.2	695	21795	94	
8178	HO	62425124	MAILING	112	92	2.9	2.8	528		CANDEE	3	4-03	192	06-27-10	Poss PG	101	9657	3.7	360	2.6	254	21411	85	X
8348	HO	62425294	ALANTA	69	63	4.6	3.7	38		CANDY	1	2-04		01-23-10	01-09-11	256	17549	3.9	684	3.5	608	21360	101	
8238	HO	62425184	RSVP							CANDY	2	3-00	48	09-10-09	10-09-10	343	28233	3.6	1014	3.0	838	27459	112	
8410	HO	62425356	KARL	93	92	3.2	3.0	13		CANDY	1	2-01		04-23-10	Poss PG	166	16215	2.7	438	2.8	459	28848	111	
8085	JE	61532756	FLIGHT	51						CANYON	3	4-06	13	12-20-09	03-11-11	277	14640	4.8	710	3.6	527	13684	71	
8342	HO	62425288	ALANTA	57						CASEY	1	2-02	41	10-31-09	10-16-10	299	20447	3.8	779	3.1	643	22859	99	
8110	HO	61532781	DELANO	73						CATHY	3	4-02	41	10-30-09	10-16-10	300	34221	2.6	875	2.9	995	31903	116	
8346	HO	62425292	LHEROS	46						CATHY	1	2-00	20	09-24-09	11-06-10	357	24685	3.7	924	3.3	813	25382	109	

Remarks Codes: & = New Cow D = Do Not Breed V = Fat < Protein X = Days Dry > 100

Index	Brd	Permanent ID	Sire	Prev Milk	Sample Day Data					Barn Name	Lct #	Age at Calvng	Days Dry	Calving Date	Due Date	Lactation to Date						Std ME Milk	Prod Index	Remarks
					Milk	% Fat	% Pro	SCC	Inc Over Feed Cost							DIM	Milk	% Fat	Fat	% Pro	Pro			
8239	HO	62425185	GARRISON	94	115	2.3	2.9	18		SUZANNE	3	3-09	55	06-30-10	Poss PG	98	9317	4.0	377	2.9	274	24386	100	V
8197	HO	62425143	FREDERICK							SUZANNE	3	3-01	97	07-28-09		303	26530	3.5	936	3.1	823	27840	117	D
8135	HO	62425081	SHANE	95	118	3.6	2.7	17		SUZANNE	3	4-07	49	06-17-10		111	10777	3.4	370	2.6	280	24281	99	
8322	HO	62425268	LARIAT	99	100	3.0	3.4	35		SUZANNE	2	2-10	51	05-15-10	Poss PG	144	13985	3.2	442	3.0	420	26892	110	V
8236	HO	62425182	MORTY	87	118	3.5	2.9	33		SUZANNE	3	3-10	52	07-04-10	Poss PG	94	7639	4.1	317	2.6	198	24176	99	
8356	HO	62425302	BOLTON	92	92	3.9	2.8	35		SUZANNE	1	2-00		10-25-09	04-02-11	346	30223	3.2	978	2.8	839	29523	113	
7311	JE	111636440	PITINO	45	58	3.9	3.3	325		TETHYME	8	9-10	49	06-03-10	Poss PG	125	7285	3.9	285	3.2	232	13882	64	
8130	JE	62425076	BOMBER	78	72	4.2	3.1	76		THIMEE	2	4-06	44	05-01-10		158	12338	3.7	453	2.9	355	17420	78	D
8166	JE	62425112	JACE		53	9.5	2.8	264		THYME	3	4-06	57	09-10-10		26	1183	10.5	124	3.1	37			B
7744	JE	113223758	PARAMOUNT	58	73	4.4	3.4	492		THYME	6	7-07	62	08-18-10		49	3307	4.1	134	3.4	111	15209	76	
7227	JE	111102972	PITINO	69	64	4.6	3.7	373		THYME	9	10-03	54	01-12-10	Poss PG	267	18417	4.5	831	3.6	661	18277	95	
8266	JE	62425212	COUNTRY	62						THYMEA	1	2-11	20	11-23-09	11-12-10	297	19686	4.0	780	3.0	596	20790	89	
8169	JE	62425115	BOMBER	63	57	5.8	4.0	41		THYMES	3	4-02	67	04-26-10	04-15-11	163	11283	4.8	541	3.5	391	14769	81	
8349	JE	62425295	SULTAN	13						THYMES	1	2-00	20	10-07-09	11-05-10	344	13293	5.1	673	3.8	500	14684	77	
8067	HO	61532738	TRIBUTE	61	48	3.1	3.2	66		TILLIE	3	4-07	52	12-20-09	12-11-10	290	19715	3.1	615	2.9	573	17876	71	V
8245	HO	62425191	KARL	61	52	3.4	3.1	123		TILLIE	2	3-00	54	10-13-09	03-05-11	358	29907	3.2	967	2.8	836	26866	104	
8212	HO	62425158	AUGUSTINE	110	84	2.7	3.3	246		WINNIE	2	3-05	57	01-08-10	02-12-11	271	34786	2.3	815	2.9	1003	35103	125	V
8096	HO	61532767	DIE-HARD	61	69	3.2	2.7	13		ZAMILA	4	5-00	40	07-20-10		78	4695	3.0	140	2.6	122	15858	63	
8049	HO	61532720	BLUERIBBN	52	24	3.4	3.3	174		8003	4	4-10	90	02-10-10	03-26-11	238	16209	3.3	535	2.8	457	14753	60	
8074	HO	61532745	ALEXANDER	74	69	4.9	3.1	8445		8035	4	4-07	50	01-08-10	Poss PG	271	23920	3.6	870	2.9	698	22596	96	
8449	HO	65799813	COMBAT	64	92	2.9	3.0	27		8449	1	2-00		08-13-10		54	4045	3.9	158	3.2	131	25679	107	V
8452	HO	65799816	OMAR	59	81	3.9	3.1	35		8452	1	2-00		08-07-10		60	3882	4.3	165	3.3	128	23077	104	
8460	HO	65799824	NORSKI		18	1.9	5.3	696		8460	1	2-01		10-01-10		5	64	1.6	1	4.7	3			V&
8470	HO	65799834	FINAL		48	6.9	3.8	650		8470	1	2-00		10-01-10		5	168	6.5	11	3.6	6			B&
8471	HO	65799835	COMBAT		75	2.5	3.0	31		8471	1	1-11		09-03-10		33	2104	2.8	59	3.3	69			V&
8476	HO	65799840	NORSKI		63	3.9	3.2	35		8476	1	1-11		09-25-10		11	521	4.2	22	3.5	18			&
8479	HO	65799843	BOLIVER							8479	1	1-11		10-02-10										&
8482	HO	65799846	ADVENT-RD		57	3.2	3.3	57		8482	1	1-10		09-10-10		26	1221	3.6	44	3.7	45			V&
8483	HO	65799847	LOU		56	4.0	3.9	44		8483	1	1-11		09-30-10		6	239	3.8	9	3.8	9			&

********** Lactations (305, 365, Left & Complete) Completed This Test Period **********

8272	JE	62425218	COUNTRY	Sold 09-07-10						BARKLOW	2	3-04		05-12-10		119	9582	3.7	352	3.0	288	18269	
8365	HO	62425311	BRETT	Dry 09-23-10						BLAZER	1	1-11		11-24-09		303	24490	2.9	699	3.2	790	27495	
8366	HO	62425312	DSTRGN-RD	305 Day						BOOTRED	1	1-11		11-29-09		305	17922	4.2	746	3.3	584	20002	

Remarks Codes: & = New Cow B = Fat > 6.5% D = Do Not Breed V = Fat < Protein