

# At a Glance... Monthly Production Report

In any business, profitability depends on sound decision making. Correct decisions to maximise profit and secure the future can only be made if all the relevant information is available to the decision maker. NMR reports provide a wide range of information and to me, the production monthly report is the most useful of all.

This report contains all the relevant information in a clear and concise way. The large, clear print is of obvious benefit to farmers, who are usually in a hurry and just want to glance through to identify points of concern.

The production monthly report contains the monthly and cumulative weighing details for yields, butterfat and protein, and more importantly the individual cow cell count results which have a significant effect on the payment for milk. For individual cows whose cell count figures have increased suddenly, corrective measures can be taken. It also highlights the animals that are consistently high, so decisions can be made with regard to culling.

In addition, protein trends can be identified both monthly and cumulatively, at a glance. This again is increasingly important due to the higher price paid for protein.

The financial column gives you an instant view of the ppl and total income for each animal and pinpoints those animals contributing most to the profitability of the herd.

The events column identifies the animals that are difficult to get in calf as well as those that are on the verge of calving, or are barren or served. For the animals that have been served, the service sire is identified in the same section.

At the bottom of the report there is a summary of the milk produced and also the annual trend which can be used as an indicator for next year's production. All the above information is provided in one report – ideal for the management purposes of the busy dairy farmer.

Brian Thomas  
Gelliddu Farm, Carmarthen

To obtain further copies of 'At a Glance,' contact NMR Customer Services on 0844 7255567.

Production: Monthly Report										Recording Date: 12.08.08		NMR													
Herd No. 05/85396/01 CAWLEY FARMS DAIRY, MERRIVALE FARM										Next Recording Date: 03.09.08															
Name	ANIMAL	Line	LACTATION No.	Calv Date	LAST WEIGHING RESULTS				CUMULATIVE LACTATION TO DATE				Prej 395*	FINANCIAL Value £	ppl	COW PIN	EVENTS	SERVICE SIRE							
					Milk kg	Fat %	Prot %	Cells	Milk kg	Days	Fat %	Prot %	Fat kg	Prot kg	Cells										
NO 213	UK H40750/01367	0213	7	04/02/08	24.4	4.38	3.45	39	6795	190	4.36	3.28	295	222	60	9865	1724	26.2							
A NATASHA	UK H38780/04247	0367	9	16/02/08	28.2	4.13	3.08	97	6058	178	4.19	3.11	254	188	73	8100	1471	25.0	-19	DUE 22.12	OWN BULL 33 9001001				
M GORDON ROSINA	UK 700610600552	0592	3	16/02/08	ABSENT				5791	178	4.02	3.21	233	186	84	7449	1403	24.9	21	NOT SERVED	OWN BULL 33 9001001				
A MEGAN	UK H4523/00098	7108	6	17/02/08	14.0	4.05	3.64	1484	3948	177	4.36	3.32	172	131	504	5288	1014	26.4		SER 1 02.07	OWN BULL 33 9001001				
L121	UK 2838 18100251	7121	3	26/02/08	25.8	5.26	3.29	35	6172	168	4.39	3.12	270	193	30	8785	1537	25.6	9	SER 2 28.06	OWN BULL 33 9001001				
NO H123	UK 28388 3000071	7123	5	16/02/08	26.0	4.80	2.95	25	7085	178	4.29	3.01	304	213	72	9390	1714	24.9		NOT SERVED					
AVERAGES OF 11 COWS IN MILK					22.2	4.92	3.40	164					£6.70	@ 31. ppl											
JANUARY 08 CALVERS - COWS																									
NO 10	016182800660	0010	3	10/01/08	13.2	7.70	4.69	62	4763	215	6.67	3.88	318	185	98	5560	1644	35.6	30	NOT SERVED					
AVERAGES OF 1 COWS IN MILK					13.2	7.70	4.69	62					£5.85	@ 45.6 ppl											
DECEMBER 07 CALVERS - COWS																									
A ZEST CINDERELLA	UK 301271600272	0033	4	09/12/07	17.8	5.03	3.51	604	8051	247	4.45	3.34	358	269	266	8747	2102	26.9	4	SER 2 14.04	OWN BULL 33 9001001				
NO 35	06182800888	0035	3	23/12/07	13.8	7.37	3.92	58	4891	233	5.43	3.74	256	183	34	5561	1492	31.4	19	DUE 22.12	OWN BULL 33 9001001				
NO 57	UK 300653400478	0057	2	01/12/07	15.2	5.40	3.62	134	8070	255	4.59	3.13	371	253	149	8826	2082	26.6		SER 7 28.06	OWN BULL 33 9001001				
NO 62	03195400763	0062	3	25/12/07	10.8	7.36	4.24	62	4134	231	6.34	3.91	262	162	85	4724	1402	34.9	12	DUE 09.11	FER+ BB 27 H58100				
* Key - Sample code					Herd Total					Yield by Month															
U - Unserviceable (Steer, Spilt, Dirty)					Milk kg	Herd	153	9.9	Fat %	Prot %	Cells	18 Aug	15 Sep	12 Oct	13 Nov	12 Dec	08 Jan	05 Feb	03 Mar	31 Mar	05 May	02 Jun	05 Jul	12 Aug	19
A - Antibiotic					in milk	99	15.2	5.26	3.66	314	18.3	22.8	24.8	30.0	30.3	30.3	28.6	26.8	27.0	25.7	22.6	18.6	15.2	24.7	
M - Missing sample					Bulk Kgs	1514	4.22	3.57	262	76	84	113	134	140	128	133	152	149	143	148	134	99	127		
* Projected 7 <sup>th</sup> '08 yield					Production: Monthly Report					Fat % 3.08p7% Prot % 4.52p7% Seals: 1.61% Version: 2.04 Date Printed: 22.08.08 Page															

Key Points	
Frequency	Monthly
Report order	Line number order Month of calving Manual grouping

# KEY POINTS: Monthly Production Report

**This is the official written record of each animal's milk production and quality. NMR recommends you keep each report in the binder provided for your herd.**

## LAST WEIGHING RESULTS

The recorded yield and sample test results for each animal at the last weighing – the key figures on this page, highlighted with a bold surround.

## IDENTITIES

The Statement "short" name shows here, with each animal's main identifiers – earmark, breed and Herdbook number (if registered).

## Is my fertility good enough? LACTATION

This column shows which lactation is in progress and the start point (calving date).

## TOTALS AND AVERAGES

These help you compare each animal's results with the herd norm.

## SAMPLE RESULT

Animals not sampled ("U/A"), or where the sample could not be tested ("N"), have fat and protein results estimated and a "reason code" shown alongside. This column also carries an indicator for 1X or 3X weighings.

## FINANCIAL VALUE

How much has her production earned so far? NMR uses a composite average milk price derived from figures published by the principal milk buyers. This means the values here are comparable from cow to cow, irrespective of herd, and who buys the milk at any one time. The "£-value" figure includes seasonality for milk produced each calendar month. "ppl" is the average pence per litre over the whole lactation.

## SERVICE SIRE

The "common name" of the sire is printed here for ease of recognition. A complete list of these names is shown on the Service Sire list. (NOT FOUND means NMR cannot find a name to match the identity recorded.)

## EVENTS

Events that control the progress of a lactation are reported here, with fertility and health events. These include:  
 CALVED (with sex of calf) – starts a new lactation  
 NOT SERVED – and now on 110 days since calving  
 BAREN – not intended to be served.  
 ENDPG (with date) = the termination of pregnancy less than halfway.  
 PD- = Pregnancy Diagnosis negative (with calf due date)  
 PD+ = Pregnancy Diagnosis positive (with calf due date)  
 SERn (with service date) = Served for the nth time  
 DUE (with date) = Due to calve.

For the duration of the Lactation Period, the totals show as a single row for each animal. Beyond the LP conclusion, during the "Natural Lactation", two rows of totals are printed, with the overall Natural Lactation on the lower row.

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Herd No. 05/85396/01 CAWLEY FARMS DAIRY, MERRIVALE FARM										Next Recording Date: 03.09.08													
ANIMAL		LACTATION		LAST WEIGHING RESULTS			CUMULATIVE LACTATION TO DATE				FINANCIAL		EVENTS		SERVICE SIRE								
Name	Line	No.	Calv Date	Milk kg	Fat %	Prot %	Cells	Milk kg	Days	Fat %	Prot %	Fat kg	Prot kg	Cells	Prej 395*	Value £	ppl	CDW	PN	EVENTS	SERVICE SIRE		
NO 213	SA	UK H9075001387	0213	7	04/02/08	24.4	4.38	3.45	39	6756	190	4.36	3.28	295	222	60	9865	1724	26.2		DUE 22.12	OWN BULL 33 9001001	
A NATASHA	0107739120	UK H3078004247	0367	9	16/02/08	28.2	4.13	3.08	97	6058	178	4.19	3.11	254	188	73	8100	1471	25.0	19	SER 2 06.05	OWN BULL 33 9001001	
M GORDON ROSINA	0110617795	UK 700010600592	0592	3	16/02/08	ABSENT				5791	178	4.02	3.21	233	186	84	7449	1403	24.9	21	NOT SERVED	OWN BULL 33 9001001	
A MEGAN 9108	0107744982	UK H452300288	7108	6	17/02/08	14.0	4.05	3.64	1484	3948	177	4.36	3.32	172	131	504	5268	1014	26.4		SER 1 02.07	OWN BULL 33 9001001	
L121	01	UK 283818100251	7121	3	26/02/08	25.8	5.26	3.29	35	6172	168	4.39	3.12	270	193	30	8785	1537	25.6	g	SER 2 25.06	OWN BULL 33 9001001	
NO H123 H123	01	UK 283818300071	7123	5	16/02/08	26.0	4.80	2.95	25	7085	178	4.29	3.01	304	213	72	9390	1714	24.9		NOT SERVED	OWN BULL 33 9001001	
AVERAGES OF 11 COWS IN MILK						22.2	4.92	3.40	164					£6.70 @ 31. ppl									
JANUARY 08 CALVERS - COWS														£5.95 @ 45.6 ppl									
NO 10	SE	016182900960	0010	3	10/01/08	13.2	7.70	4.69	62	4763	215	6.67	3.88	318	185	98	5560	1644	35.6	30	NOT SERVED		
AVERAGES OF 1 COWS IN MILK						13.2	7.70	4.69	62														
DECEMBER 07 CALVERS - COWS																							
A ZEST CINDERELLA	0110471905	UK 301277600272	0033	4	09/12/07	17.8	5.03	3.51	804	8051	247	4.45	3.34	358	269	266	8747	2102	26.9	4	SER 2 14.04	OWN BULL 33 9001001	
NO 35	SE	06182900868	0035	3	23/12/07	13.8	7.37	3.92	58	8891	233	5.43	3.74	256	183	34	5561	1492	31.4	19	DUE 22.12	OWN BULL 33 9001001	
NO 57	01	UK 300659400478	0057	2	01/12/07	15.2	5.40	3.62	134	8070	255	4.59	3.13	371	253	149	8826	2082	26.6		SER 7 28.06	OWN BULL 33 9001001	
NO 62	SE	03195400783	0062	3	25/12/07	10.8	7.36	4.24	62	8134	231	6.34	3.91	252	162	85	4724	1402	34.9	12	DUE 09.11	FER+ BB 27 H98100	
* Key - Sample code																							
U - Unsuitable (Sex, Salt, Dirty)																							
A - Ambicose																							
N - Missing sample																							
* - Projected 2 <sup>nd</sup> yr yield																							
Production: Monthly Report																							
Herd Total		Cow Nos		Average		Averages																	
Milk kg	Herd	153	9.9	Fat %	Prot %	Cells																	
1508	no milk	99	15.2	5.26	3.66	314																	
Bulk Kgs		1514		4.22		3.57		262															
								Yield by Month															
								16-Aug 11-Sep 12-Oct 13-Nov 12-Dec 09-Jan 05-Feb 03-Mar 31-Mar 05-May 02-Jun 05-Jul 12-Aug Av.															
								Av. Yield/cow (kg)				18.3 22.6 24.8 30.0 30.9 30.3 26.6 26.8 27.0 25.7 22.6 18.6 15.2 24.7											
								Animals in Milk				76 84 113 134 140 138 139 152 149 143 148 134 99 127											
								Fat % 3.06p/%				Prot % 4.62p/%				Seas. 1.61%				Version: 2.24 Date Printed: 22.08.08 Page 2			

## CUMULATIVE LACTATION TO DATE

NMR records yields and quality results over the whole lactation and summarises these as cumulative totals. Calculated using the international standard "averaging" method. For the period between any two recordings the average of the two yields is calculated and this amount is added to the lactation for each day of the period. Fat, protein totals are calculated the same way, with percentage and cell figures worked out as a "weighted average" over the whole lactation.