

At a Glance... Fertility: Action List

I find the Fertility Action Lists, Cows to Serve and Vet Check list very useful. The information that is required can be seen easily and at a glance.

It's helpful to know the due to serve date which appears on the cows to serve list. This gives you the advantage of seeing several weeks in advance when the cows will be first due to serve. As regards the 49 days after calving for 1st service, we would serve some of our lower yielding cows before 49 days, but most of the cows would be served after this. I expect some farmers would change the number of days to first service but it seems about right for our situation.

The return dates at 21 and 42 days saves a lot of time in working out the number of days involved. I can see at a glance (plus or minus a few days) when a cow could possibly return. The dates will also highlight some cows that have irregular oestrous cycle.

When a cow that is going to be retained in the herd appears in the Cows not Served after 110 days column she will receive veterinary attention. I find 110 days rather a long time from calving and would prefer a shorter number of days. With the new Order Form it is possible for the number of days to be altered. Most of the cows would have veterinary attention before 110 days.

Although we do not use the Due to PD section very much, when we get a doubtful cow/heifer it gives us an early date for veterinary attention.

The Barren Cows list groups all of the cows that we have recorded barren, nicely completing the fertility package.

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

Fertility: Cows to Serve							Recording Date: 12.08.08		NMR									
Herd No. 05/85396/01 CAWLEY FARMS DAIRY, MERRIVALE FARM							Next Recording Date: 03.09.08											
COWS FOR 1ST SERVICE after 49 days (from 13 Aug to 23 Sep)							POSSIBLE RETURN DATES (from 13 Aug to 23 Sep)											
ANIMAL	Line	Calving Date	Days after Calving	Due to Serve	PIV	FARM USE	ANIMAL	Line	Date	Watch for Returns 21 days	Inter-service Intervals 42 days	C-1	1-2	2-3	3-4	4-5		
Current Recording Month							Cows due for Return											
NO 39	0079	11 Jul	33	29 Aug			0006	12 Jun	03 Jul	24 Jul	144	SERVED 7 TIMES						
Next Recording Month																		
A ZEST WOODCOCK	0125	29 Jul	15	16 Sep	-8		0133	12 Jun	03 Jul	24 Jul	78	SERVED 6 TIMES						
Shows Abnormal																		
A CARL JOANNA	0139	15 Feb	29	Mar	13		0150	12 Jun	03 Jul	24 Jul	24	57	48	23	23			
A WOODCOCK	0207	22 Mar	26	Apr			0764	15 Jun	06 Jul	27 Jul	66	SERVED 6 TIMES						
743	0743	13 Oct	27	May			0013	17 Jun	08 Jul	29 Jul	47	SERVED 6 TIMES						
	0006	01 Sep	12	Jun	4		179	17 Jun	08 Jul	29 Jul	100	10	100	24				
150	0150	20 Dec	12	Jun			A HENRIETTA 10	0011	18 Jun	09 Jul	30 Jul	82	22	99				
GLAD BAL L64	0764	30 Oct	15	Jun	-4		NO 114	0114	20 Jun	11 Jul	01 Aug	68	SERVED 7 TIMES					
A AGATHA 20	0013	17 Nov	17	Jun	7		A SPARTA CINDERELLA	0020	23 Jun	14 Jul	04 Aug	33	81	26				
A SOPHIA A104	7104	10 Nov	30	Jun			R CAPRI DENSE	0091	23 Jun	14 Jul	04 Aug	68	27					
746	0746	18 Oct	01	Jul			A ABIGAIL 25	0024	24 Jun	15 Jul	05 Aug	85	86	34	56			
							M MANDYSON BLANCHE	0569	24 Jun	15 Jul	05 Aug	46	SERVED 7 TIMES					
							GLAD BAL L62	0762	25 Jun	16 Jul	06 Aug	84	25	70	41	20		
							L121	7121	29 Jun	16 Jul	06 Aug	65	55					
							A JOSIE 10	0143	28 Jun	17 Jul	07 Aug	98	42	21	22			
							NO 57	0057	28 Jun	19 Jul	09 Aug	38	SERVED 7 TIMES					
							183	0183	29 Jun	20 Jul	10 Aug	68	SERVED 6 TIMES					
							721	0721	29 Jun	20 Jul	10 Aug	67	SERVED 6 TIMES					
							C IRENE 60 L63	0763	30 Jun	21 Jul	11 Aug	34	120	102				
							A SOPHIA A104	7104	30 Jun	21 Jul	11 Aug	233						
							JACKIE	0148	01 Jul	22 Jul	12 Aug	55	SERVED 6 TIMES					

Fertility: Vet Check List							Recording Date: 12.08.08		NMR								
Herd No. 05/85396/01 CAWLEY FARMS DAIRY, MERRIVALE FARM							Next Recording Date: 03.09.08										
COWS NOT SERVED AFTER 110 DAYS							COWS DUE TO PD 56 days after service (from 13 Aug to 23 Sep)										
ANIMAL	Line	Calving Date	Days after Calving	Due to Serve	PIV	FARM USE	ANIMAL	Line	Date	Watch for Returns 21 days	Inter-service Intervals 42 days	C-1	1-2	2-3	3-4	4-5	PD Result
Current Recording Month							Cows due for Return										
158	0158	06 Jun	434	25 Jul			A HENRIETTA 10	0011	13 Aug	82	22	99					
7102	7102	08 Jul	402	26 Aug			NO 114	0114	15 Aug	69							
A AGATHA 14	0069	06 Sep	342	25 Oct	-8		A SPARTA CINDERELLA	0020	18 Aug	33	81	25					
NO 57	0087	23 Sep	325	11 Nov	14		R CAPRI DENSE	0091	18 Aug	69	27						
NO 104	0104	14 Oct	304	02 Dec	28		A ABIGAIL 25	0024	19 Aug	85	86	34	56				
45	0045	11 Nov	276	30 Dec			M MANDYSON BLANCHE	0569	19 Aug	46							
A WICKY 29	0121	19 Nov	274	01 Jan	0		GLAD BAL L62	0762	20 Aug	84	25	70	41	20			
M STAR CIBELLE	0118	19 Nov	268	07 Jan	0		L121	7121	20 Aug	65	55						
102	0102	24 Nov	263	12 Jan			A JOSIE 10	0143	21 Aug	56	42	21	22				
77	0077	26 Nov	261	14 Jan			NO 57	0057	23 Aug	38							
109	0109	10 Dec	247	28 Jan			183	0183	24 Aug	86							
A NATASHA 2	0124	31 Dec	226	18 Feb	-3		721	0721	24 Aug	87							
NO 10	0010	10 Jan	216	28 Feb	30		C IRENE 60 L63	0763	25 Aug	34	120	102					
NO 40	0040	14 Feb	181	03 Apr	16		JACKIE	0148	26 Aug	56							
M GORDON ROSINA	0592	16 Feb	179	05 Apr	21		A MEGAN 9108	7108	27 Aug	136							
NO H123 H123	7123	16 Feb	179	05 Apr													

Key Points	
Frequency	Monthly
Parameters	Number of days after calving cows are due for 1st service Age Youngstock are due for 1st service Number of days after calving cows are highlighted as not served Number of days after service cows are due to PD



KEY FEATURES: Cows to Serve

The List covers two areas:

1. Animals becoming eligible for their First Service (the traditional NMW Action List).
 2. Possible return dates for cows already recorded as served in the period up to 63 days before the current recording.
- Both these are important areas in managing the fertility performance of your herd.

DAYS AFTER CALVING

Shown to help plan the optimum timing of first service. These are actual days from calving, calculated on the day immediately after the last recording.

RECORDING MONTH GROUPS

Animals are grouped according to the time the expected action will become due. The groups are based on the "recording month" which follows each recording date.

YOUNG STOCK

Growing heifers can be shown as eligible for first service when they reach a target age. You can set your own choice using the Reports Order Form. If you do not set a target yourself, young stock will be excluded from this list. Young stock PINs are estimated from their sire and dam genetic evaluations. The heifer will gain an evaluation of her own when she is part-way through her own first lactation.

DUE TO SERVE

To help achieve a regular calving interval, many advisors recommend that animals are considered for service at their first oestrus after reaching 49 days from calving. The point when each cow reaches this threshold is her "Due to Serve" date. You can set your own value using the Reports Order Form.

In this example a value of 60 days from calving has been chosen.

SERVICE DATE

This is the most recent service date for the animal. It is shown here to help link the service to any other on-farm records.

RETURN DATES

Based on both a 21 day and a 42 day interval after the service date

This ensures that whenever the service took place, in relation to the herd's recording, at least one of these dates will be relevant when the list arrives on farm.

INTER-SERVICE INTERVALS

The first column shows the days from calving to the first service. Each extra column then shows the days between each successive service.

This shows when cows are being served at regular or irregular intervals, and helps determine if you are achieving your first service and heat detection targets. It is among the most up to date measures of fertility management you might achieve.

Fertility: Cows to Serve																			
Herd No. 05/85396/01 CAWLEY FARMS DAIRY, MERRIVALE FARM						Recording Date: 12.08.08 Next Recording Date: 03.09.08													
COWS FOR 1ST SERVICE after 49 days (from 13 Aug to 23 Sep)					POSSIBLE RETURN DATES (from 13 Aug to 23 Sep)														
ANIMAL	Line	Calving Date	Days after Calving	Due to Serve	PIN	FARM USE	ANIMAL	Line	Date	Watch for Returns	Inter-service Intervals	21 days	42 days	C-1	1-2	2-3	3-4	4-5	
NO 29	0079	11 Jul	33	29 Aug			NO 114	0113	12 Jun	03 Jul	24 Jul	144	SERVED 7 TIMES						
A ZEST WOODCOCK	0125	29 Jul	15	16 Sep	8		NO 114	0133	12 Jun	03 Jul	24 Jul	78	SERVED 6 TIMES						
A CARL JOANNA	0139	15 Feb	29	Mar	13		NO 114	0150	12 Jun	03 Jul	24 Jul	24	57	48	23	23			
A WOODCOCK	0207	22 Mar	26	Apr			NO 114	0179	17 Jun	08 Jul	29 Jul	100	10	100	74				
A CARL JOANNA	0743	13 Oct	27	Mar			NO 114	0111	18 Jun	09 Jul	30 Jul	82	22	99					
A CARL JOANNA	0006	01 Sep	12	Jun	4		NO 114	0114	20 Jun	11 Jul	01 Aug	66	SERVED 7 TIMES						
A WOODCOCK	0150	20 Dec	12	Jan			NO 114	0020	23 Jun	14 Jul	04 Aug	33	81	26					
GLAD GAL L64	0764	30 Oct	15	Jun	4		NO 114	0091	23 Jun	14 Jul	04 Aug	69	27						
A AGATHA 20	0013	17 Nov	17	Jun	7		NO 114	0024	24 Jun	15 Jul	05 Aug	95	95	34	56				
A SOPHIA A104	7104	10 Nov	30	Jun			NO 114	0569	24 Jun	15 Jul	05 Aug	46	SERVED 7 TIMES						
	0746	18 Oct	01	Jul			NO 114	0762	25 Jun	16 Jul	06 Aug	64	25	70	41	20			
							NO 114	7121	25 Jun	16 Jul	06 Aug	65	55						
							NO 114	0143	26 Jun	17 Jul	07 Aug	56	42	21	22				
							NO 114	0057	28 Jun	19 Jul	09 Aug	38	SERVED 7 TIMES						
							NO 114	0183	29 Jun	20 Jul	10 Aug	68	SERVED 6 TIMES						
							NO 114	0721	29 Jun	20 Jul	10 Aug	67	SERVED 6 TIMES						
							NO 114	0763	30 Jun	21 Jul	11 Aug	94	120	102					
							NO 114	7104	30 Jun	21 Jul	11 Aug	233							
							JACKIE	0148	01 Jul	22 Jul	12 Aug	56	SERVED 6 TIMES						

PIN

The PIN value (in £) is calculated from each cow's genetic evaluation – its Predicted Transmitting Ability – using a standard formula.

Geneticists advise, that to make effective breeding progress, you should always mate the female to a sire with a higher PIN value than their own.

REMOVING ANIMALS FROM THE LIST

Should you find animals on either list which you would prefer were excluded, then you can remove them by choosing the appropriate recording action.

Cows you have decided are to be culled, and you do not intend to serve at all, might be recorded as "BARREN".

Cows which have been served, but have proved infertile, could be recorded as Pregnancy Diagnosis negative ("PD-").

KEY FEATURES: Vet Check List

This report provides information on the reproductive fertility status of animals in the herd. Those cows which are unusual in some way are highlighted, plus those which might be eligible for Pregnancy Diagnosis or Testing. Together, these groups form animals which might be eligible for a check at your vet's regular "cow fertility" visit.

COWS NOT SERVED

Sometimes called "cows empty", or "cows open". An animal will appear on this list if she is more than 110 days since her calving (at the last recording), with no service date recorded. If you wish you can choose your own threshold days, using the Reports Order Form.

Have you deliberately chosen not to serve this cow, or should she have her service recorded?

The information printed is the same as "Cows to Serve", to help with breeding decisions such as sire choice.

BARREN COWS

Any cows currently recorded as Barren are listed here as a reminder. Recording "BARREN" tells the NMR system that you do not intend to serve this cow, and therefore she can be removed from other Fertility Action Lists.

COWS TO PD

This list highlights those animals which would become eligible for a veterinary Pregnancy Diagnosis over the next two months. This helps you select those animals you might want to present to your vet at his/her regular visit. You can record BARREN against either calved, served or empty animals.

CHOOSE YOUR OWN PD DATE

Animals are normally listed when they are 8 weeks (56 days) after their last service. This is the point when a conventional veterinary PD might be carried out. You can alter the timing to make the list suit your own method of Pregnancy Diagnosis or Pregnancy Testing by changing the value on the Report Order Form.

Fertility: Vet Check List																		
Herd No. 05/85396/01 CAWLEY FARMS DAIRY, MERRIVALE FARM						Recording Date: 12.08.08 Next Recording Date: 03.09.08												
COWS NOT SERVED AFTER 110 DAYS					COWS DUE TO PD 56 days after service (from 13 Aug to 23 Sep)													
ANIMAL	Line	Calving Date	Days after Calving	Due to Serve	PIN	FARM USE	ANIMAL	Line	Date due to PD	Inter-service Intervals	PD result							
ISB	0158	06 Jun	434	25 Jul			A HENRIETTA 10	0011	13 Aug	82	22							
7102	7102	08 Jul	402	26 Aug			NO 114	0114	15 Aug	89								
A AGATHA 14	0069	06 Sep	342	25 Oct	8		A SPARTIA CINDERELLA	0020	18 Aug	33	81	25						
NO 61	0087	23 Sep	325	11 Nov	14		R CAPRI DENISE	0091	18 Aug	69	27							
NO 104	0104	14 Oct	304	02 Dec	28		A ABIGAIL 25	0024	19 Aug	95	95	34	56					
45	0045	11 Nov	276	30 Dec			M MANDYSON BLANCHE	0569	19 Aug	46								
A NICKY 26	0121	13 Nov	274	01 Jan	0		GLAD GAL L64	0762	20 Aug	84	25	70	41	20				
A STAR CIBELLE	0118	19 Nov	268	07 Jan	0		L121	7121	20 Aug	65	55							
77	0077	26 Nov	251	14 Jan			A JOSIE 10	0143	21 Aug	56	42	21	22					
NO 109	0109	10 Dec	247	28 Jan			NO 57	0057	23 Aug	38								
A NATASHA 2	0124	31 Dec	226	18 Feb	3		NO 57	0183	24 Aug	86								
NO 10	0010	10 Jan	226	28 Feb	30		721	0721	24 Aug	87								
NO 40	0040	14 Feb	181	03 Apr	18		C RENE BO L63	0763	25 Aug	34	120	102						
W GORDON ROSINA	0592	16 Feb	179	05 Apr	21		JACKIE	0148	26 Aug	56								
NO H123 H123	7123	16 Feb	179	05 Apr			A MEGAN S108	7108	27 Aug	136								

INTER-SERVICE INTERVALS

These can be useful when checking served cows, to help decide if each cow has been cycling regularly, to check if you are achieving your first service and heat detection targets, and to help decide if she is pregnant to the expected service.

For example, if the veterinary examination reveals the foetus is too well developed to be pregnant from the latest service, these intervals can help decide if an earlier service is plausible.

The first column shows the days from calving to the first service. Each extra column then shows the days between each successive service.

You can record BARREN against either calved, served or empty animals.

To undo a BARREN event – should you later choose to serve the cow – simply record her service date on the Weigh Sheet as normal.