

USEFUL Table of STANDARDS from Dr R.J.Esslemont
 There are a set of standards for fertility management in dairy herds. The targets are
 Grade A & Grade A+
 Based on:
 All Year Round Calving Herds: Usually leaving 7 or 8 oestrus cycles (max) to get in c

Fertility Management Assessment Grades (Target A or A+)
FERTILITY GRADES

		A+	A	B	C	D	UK	
		Excellent	Adequate	Slight Problem	Moderate Problem	Severe Problem	Average	
Crucial Factors	Per Cent Served of Calved (%)	94+	90 to 93	87-89	84-86	< 83	88	
	Voluntary Waiting Period	50	55	60	65	70	65	
	Calving to First Service (days)	55-65	65 to 75	75 to 80	80 to 85	> 85	87	
	Average Calving to First Service Interval	65	75	80	83	96	87	
	1st Service 24 Day Submission Rate (%)	69+	59 to 68	48-58	33-47	< 32	54	
	16 to 28 day Returns Service Heat Detection rate (%)	68	59 to 68	53-59	40-52	< 39	42	
	Average Heat Detection Rate %	68	64	56	46	40	48	
	80 Day Submission Rate (%)	77	67	52	35	25	40	
	Inter Service Interval (days)	31	33	38	46	53	44	
	1st Service Pregnancy Rate (%)	58	52 to 57	47-51	42-46	< 41	42	
	All Services Pregnancy Rate (%)	58+	52 to 57	47-51	42-46	< 41	42	
	FERTILITY FACTOR (%) *	40+	32 to 39	28-31	21-27	< 21	21	
	Services per Conception	1.72	1.82	2.04	2.33	2.63	2.38	
	Outcomes	100 Day In Calf Rate	73	55	44	34	28	33
Per Conceiving of Served (%)		96+	92 to 95	89-91	85-88	< 84	80	
Per Cent Conceiving of Calved (%)		88+	82 to 87	79-81	74-78	< 73	70	
Average Calving to Conception (days)		85	93	100	133	157	129	
Calving Interval (days)		365	373	380	413	437	413	
Days Open		86 - 109	110 to 120	121-133	134-154	> 154	160	
200 Day Not In Calf Rate		4	6	14	20	33	22	
Failure to Conceive Culling Rate (%)		6	9	12	17	28	18	
All Other Culling Rate		Up to 10	11 to 12	13-14	15-16	> 16	12	
Total Culling Rate (%)		12 to 16	17 to 20	21-23	24-34	> 35	30	
Calving Interval Adjusted Conceiving Rate (%)		95	85	82	69	63	71	
FERTEX		Calving Interval	£0	£2,000	£3,750	£12,000	£18,000	£12,000
		Services per Conception	-£250	£0	£550	£1,275	£2,025	£1,400
		FTC Culling Rate	£0	£2,250	£4,500	£8,250	£16,500	£9,000
	FERTEX Score (£/100 cows)	-£250	£4,250	£8,800	£21,525	£36,525	£22,400	
FERTEX Score Pence per Litre		-0.04	0.69	1.42	3.47	5.89	3.61	
		Negative = gain	Loss	Loss	Loss	Loss	Loss	

Assumptions

Yield 6200

		Alter these to Change FERTEX	
Target Calving Interval (days)	365	Cost per day's delay (£)	2.50
Target Services per Conception	1.82	Cost per extra Service (£)	25
Target FTC Culling (%)	6	Cost per Extra FTC Cull (£)	750

Use Output from TANDEM