

Name: Joe Brown
 Number: BA07520 Demo Herd

	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	SUMMARY	
STOCK														
Cows in herd	496	495	493	536	554	557	578	558	527	519	512	488	526	
Cows in milk	485	382	288	422	421	479	518	525	515	509	503	475	460	
Number of cow + heifer calvings	0 0	0 0	14 5	130 55	70 24	35 12	44 9	41 2	20 3	5 2	2 0	3 0	364 112	
MILK PRODUCTION														
Total milk output (litres)	405,620	363,584	256,612	286,800	330,099	363,497	490,846	501,598	542,697	538,252	474,219	465,504	5,019,328	
Yield per cow in milk (litres/day)	27.4	27.1	25.5	26.1	25.3	26.9	31.8	32.1	33.7	33.9	33.5	30.7	9,541	
Yield from all forage per cow (litres/day)	10	9	7	9	4	9	8	9	12	11	11	10	2,925	
Yield from grazed forage per cow (litres/day)	2	8	6	7	3	8	0	0	0	0	0	0	808	
% of total yield from forage	35%	33%	27%	34%	15%	34%	25%	29%	36%	32%	32%	33%	31%	
Butterfat (%)	4.17	4.01	3.97	4.16	4.17	4.17	4.17	4.20	4.46	4.18	4.25	4.40	4.21	
Protein (%)	3.31	3.32	3.39	3.35	3.40	3.38	3.34	3.41	3.47	3.44	3.43	3.48	3.40	
Hygiene : Cell count	18 110	20 117	17 167	15 222	17 178	18 225	24 120	23 111	21 113	36 134	20 122	20 116	21 145	
Milk Price (p)	36.15	40.80	41.03	42.00	42.80	44.00	51.66	51.93	51.55	48.35	47.39	45.76	46.10	
FEED														
Concentrate use for herd (t)	132.0	120.0	92.0	95.5	142.0	121.0	185.1	181.9	182.7	184.9	163.9	161.9	1,763	
Concentrate use per cow in milk (kg/day)	8.9	8.9	9.2	8.7	10.9	9.0	12.0	11.6	11.3	11.6	11.6	10.7	3,351	
Concentrate use per litre (kg)	0.33	0.33	0.36	0.33	0.43	0.33	0.38	0.36	0.34	0.34	0.35	0.35	0.35	
Concentrate price per tonne (£)	277	287	283	294	292	291	372	371	366	365	368	367	336	
Other purchased feed cost (£/cow)	2	2	2	2	2	2	2	2	0	2	2	2	19	
All purchased feed cost / litre	9.24	9.71	10.38	9.98	12.88	9.95	14.21	13.69	12.31	12.75	12.88	12.96	11.99	
MARGINS														
MOPF for herd (£)	109,172	113,037	78,663	91,845	98,772	123,764	183,815	191,792	212,963	191,638	163,635	152,680	1,711,775	
MOPF per cow (£)	220	228	160	171	178	222	318	344	404	369	320	313	3,254	
MOPF per litre (p)	26.91	31.09	30.65	32.02	29.92	34.05	37.45	38.24	39.24	35.60	34.51	32.80	34.10	
FORAGE														
12 Month Forage Summary												Fertiliser cost/ha		144
Nitrogen use on dairy herd forages					82	Margin over feeds & fertiliser/cow					3,195			
Stocking rate for dairy herd					2.46	Margin over feeds & fertiliser/ha					7,861			
Milk from forage per hectare					7,196	Margin over feeds & fertiliser/litre					33.49			