

Name: **Joe Brown**Number: **BA7520** Demo Herd

	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	SUMMARY
STOCK													
Cows in herd	481	488	494	495	507	538	542	541	534	523	509	500	513
Cows in milk	435	411	425	431	465	458	450	468	479	495	486	458	455
Number of cow + heifer calvings	1 0	25 15	64 17	1 2	45 13	48 21	42 12	47 9	41 2	33 1	19 0	3 0	369 92
MILK PRODUCTION													
Total milk output (litres)	401,497	343,821	343,573	362,624	370,477	381,295	380,642	418,826	458,733	444,787	483,027	445,634	4,834,936
Yield per cow in milk (litres/day)	28.6	27.1	26.5	27.3	27.6	26.7	27.9	29.4	31.3	32.6	31.8	31.5	9,431
Yield from all forage per cow (litres/day)	12	9	7	9	8	8	9	8	10	10	12	13	3,135
Yield from grazed forage per cow (litres/day)	10	8	6	8	5	5	0	0	0	8	10	0	1,631
% of total yield from forage	41%	34%	28%	32%	30%	29%	34%	27%	32%	30%	38%	42%	33%
Butterfat (%)	3.89	3.74	3.93	4.01	4.01	4.12	4.16	4.13	4.13	4.04	4.02	3.96	4.02
Protein (%)	3.24	3.26	3.21	3.20	3.24	3.49	3.49	3.42	3.36	3.34	3.33	3.37	3.33
Hygiene : Cell count	20 174	20 174	22 191	22 184	21 185	23 144	23 115	27 123	28 166	21 177	24 168	18 166	22 164
Milk Price (p)	27.67	27.51	28.81	29.10	29.40	30.47	29.85	29.90	28.93	29.20	26.50	26.80	28.63
FEED													
Concentrate use for herd (t)	115.0	107.7	122.4	121.1	127.0	139.2	129.9	154.5	157.1	155.6	148.9	126.9	1,605
Concentrate use per cow in milk (kg/day)	8.2	8.5	9.4	9.1	9.4	9.7	9.5	10.9	10.7	11.4	9.8	9.0	3,131
Concentrate use per litre (kg)	0.29	0.31	0.36	0.33	0.34	0.37	0.34	0.37	0.34	0.35	0.31	0.28	0.33
Concentrate price per tonne (£)	215	216	217	215	215	231	231	229	230	230	234	232	225
Other purchased feed cost (£/cow)	2	2	2	2	2	2	2	2	2	2	2	2	21
All purchased feed cost / litre	6.32	6.97	7.94	7.40	7.59	8.66	8.11	8.71	8.12	8.29	7.39	6.80	7.70
MARGINS													
MOPF for herd (£)	85,718	70,636	71,718	78,704	80,801	83,160	82,739	88,736	95,466	93,006	92,301	89,108	1,012,093
MOPF per cow (£)	178	145	145	159	159	155	153	164	179	178	181	178	1,974
MOPF per litre (p)	21.35	20.54	20.87	21.70	21.81	21.81	21.74	21.19	20.81	20.91	19.11	20.00	20.93
FORAGE													
12 Month Forage Summary												Fertiliser cost/ha	41
Nitrogen use on dairy herd forages					43	Margin over feeds & fertiliser/cow					1,957		
Stocking rate for dairy herd					2.31	Margin over feeds & fertiliser/ha					4,526		
Milk from forage per hectare					7,251	Margin over feeds & fertiliser/litre					20.75		