

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

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	SUMMARY
<b>STOCK</b>													
Cows in herd	263	263	265	265	267	269	280	299	309	306	309	308	<b>284</b>
Cows in milk	239	236	235	225	233	225	225	244	260	275	281	281	<b>247</b>
Number of cow + heifer calvings	8 4	7 3	17 4	12 2	24 6	18 4	14 13	28 16	31 12	30 3	12 5	13 10	<b>214 82</b>
<b>MILK PRODUCTION</b>													
Total milk output (litres)	206,907	211,714	200,293	191,511	192,519	194,468	194,788	201,701	234,971	262,159	252,969	285,328	<b>2,629,328</b>
Yield per cow in milk (litres/day)	29.2	28.8	28.4	26.9	27.1	28.3	27.9	28.7	30.1	31.6	32.5	32.8	<b>9,272</b>
Yield from all forage per cow (litres/day)	14	16	14	12	13	14	11	8	10	11	12	13	<b>3,884</b>
Yield from grazed forage per cow (litres/day)	6	11	13	12	11	12	7	0	0	0	0	0	<b>1,782</b>
<b>% of total yield from forage</b>	<b>48%</b>	<b>56%</b>	<b>51%</b>	<b>46%</b>	<b>46%</b>	<b>48%</b>	<b>41%</b>	<b>28%</b>	<b>32%</b>	<b>35%</b>	<b>37%</b>	<b>41%</b>	<b>42%</b>
Butterfat (%)	4.00	3.81	3.79	3.83	3.82	4.00	4.16	4.32	4.38	4.27	4.10	4.05	<b>4.06</b>
Protein (%)	3.20	3.23	3.22	3.16	3.23	3.31	3.36	3.40	3.37	3.25	3.17	3.19	<b>3.25</b>
Hygiene : Cell count	22 185	19 170	15 165	16 153	18 153	22 131	27 111	27 121	26 115	28 106	23 92	26 102	<b>22 134</b>
<b>Milk Price (p)</b>	<b>23.40</b>	<b>23.18</b>	<b>23.10</b>	<b>23.39</b>	<b>24.08</b>	<b>24.80</b>	<b>25.32</b>	<b>25.98</b>	<b>26.18</b>	<b>25.50</b>	<b>24.75</b>	<b>25.78</b>	<b>24.70</b>
<b>FEED</b>													
<b>Concentrate use for herd (t)</b>	51.6	44.6	46.7	49.6	49.5	49.5	57.5	72.1	77.0	81.6	74.4	79.5	<b>733</b>
Concentrate use per cow in milk (kg/day)	7.3	6.1	6.6	7.0	7.0	7.2	8.2	10.3	9.9	9.8	9.6	9.1	<b>2,586</b>
Concentrate use per litre (kg)	0.25	0.21	0.23	0.26	0.26	0.25	0.29	0.36	0.33	0.31	0.29	0.28	<b>0.28</b>
Concentrate price per tonne (£)	163	149	151	150	160	155	161	168	166	170	176	176	<b>164</b>
Other purchased feed cost (£/cow)	1	1	1	1	1	1	1	3	6	7	6	6	<b>39</b>
<b>All purchased feed cost / litre</b>	<b>4.17</b>	<b>3.32</b>	<b>3.71</b>	<b>4.10</b>	<b>4.30</b>	<b>4.14</b>	<b>4.96</b>	<b>6.49</b>	<b>6.25</b>	<b>6.05</b>	<b>5.89</b>	<b>5.54</b>	<b>4.99</b>
<b>MARGINS</b>													
MOPF for herd (£)	39,794	42,042	38,835	36,942	38,076	40,172	39,663	39,310	46,829	50,999	47,710	57,744	<b>518,114</b>
MOPF per cow (£)	151	160	147	139	143	149	142	131	152	167	154	187	<b>1,827</b>
<b>MOPF per litre (p)</b>	<b>19.23</b>	<b>19.86</b>	<b>19.39</b>	<b>19.29</b>	<b>19.78</b>	<b>20.66</b>	<b>20.36</b>	<b>19.49</b>	<b>19.93</b>	<b>19.45</b>	<b>18.86</b>	<b>20.24</b>	<b>19.71</b>
<b>FORAGE</b>													
<b>12 Month Forage Summary</b>												<b>Fertiliser cost/ha</b>	<b>141</b>
Nitrogen use on dairy herd forages					151	Margin over feeds & fertiliser/cow					1765		
Stocking rate for dairy herd					2.27	Margin over feeds & fertiliser/ha					4014		
<b>Milk from forage per hectare</b>					<b>8832</b>	<b>Margin over feeds &amp; fertiliser/litre</b>					<b>19.04</b>		

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