

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

| | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | SUMMARY |
|---|--------------|--------------|--------------|--------------|--------------|---|--------------|--------------|--------------|--------------|--------------|---------------------------|------------------|
| STOCK | | | | | | | | | | | | | |
| Cows in herd | 449 | 455 | 477 | 475 | 473 | 460 | 455 | 445 | 444 | 451 | 460 | 460 | 459 |
| Cows in milk | 398 | 402 | 431 | 418 | 430 | 450 | 415 | 371 | 376 | 393 | 419 | 439 | 412 |
| Number of cow + heifer calvings | 40 10 | 33 14 | 33 29 | 23 9 | 49 8 | 34 10 | 10 1 | 1 1 | 41 4 | 42 10 | 31 12 | 40 9 | 377 117 |
| MILK PRODUCTION | | | | | | | | | | | | | |
| Total milk output (litres) | 343,154 | 342,837 | 370,249 | 388,507 | 364,120 | 402,015 | 394,278 | 354,503 | 314,003 | 341,014 | 351,675 | 350,001 | 4,316,356 |
| Yield per cow in milk (litres/day) | 28.1 | 28.6 | 28.7 | 29.5 | 29.6 | 29.5 | 30.4 | 29.1 | 28.0 | 28.6 | 27.9 | 27.2 | 9,411 |
| Yield from all forage per cow (litres/day) | 8 | 9 | 8 | 8 | 9 | 10 | 13 | 12 | 11 | 10 | 12 | 10 | 3,248 |
| Yield from grazed forage per cow (litres/day) | 4 | 0 | 0 | 0 | 0 | 0 | 12 | 11 | 10 | 9 | 10 | 8 | 1,717 |
| % of total yield from forage | 28% | 30% | 27% | 28% | 29% | 32% | 44% | 42% | 38% | 37% | 43% | 35% | 35% |
| Butterfat (%) | 3.85 | 4.08 | 4.12 | 4.10 | 4.15 | 4.21 | 4.21 | 3.93 | 3.74 | 3.82 | 3.79 | 3.58 | 3.98 |
| Protein (%) | 3.43 | 3.37 | 3.37 | 3.30 | 3.27 | 3.29 | 3.24 | 3.21 | 3.20 | 3.18 | 3.25 | 3.25 | 3.28 |
| Hygiene : Cell count | 24 116 | 24 115 | 24 133 | 24 134 | 20 139 | 19 124 | 24 124 | 18 145 | 20 134 | 23 149 | 21 137 | 22 119 | 22 131 |
| Milk Price (p) | 24.96 | 25.40 | 25.43 | 25.53 | 25.28 | 24.31 | 23.13 | 23.24 | 22.30 | 22.27 | 21.69 | 22.13 | 23.84 |
| FEED | | | | | | | | | | | | | |
| Concentrate use for herd (t) | 120.6 | 120.9 | 134.1 | 138.2 | 127.8 | 136.4 | 110.5 | 99.3 | 91.3 | 103.0 | 96.4 | 105.2 | 1,384 |
| Concentrate use per cow in milk (kg/day) | 9.9 | 10.1 | 10.4 | 10.5 | 10.4 | 10.0 | 8.5 | 8.2 | 8.2 | 8.6 | 7.7 | 8.2 | 3,017 |
| Concentrate use per litre (kg) | 0.35 | 0.35 | 0.36 | 0.36 | 0.35 | 0.34 | 0.28 | 0.28 | 0.29 | 0.30 | 0.27 | 0.30 | 0.32 |
| Concentrate price per tonne (£) | 196 | 196 | 197 | 198 | 197 | 198 | 201 | 179 | 179 | 180 | 183 | 183 | 192 |
| Other purchased feed cost (£/cow) | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 22 |
| All purchased feed cost / litre | 7.18 | 7.27 | 7.52 | 7.39 | 7.29 | 7.00 | 5.82 | 5.12 | 5.33 | 5.54 | 5.12 | 5.60 | 6.37 |
| MARGINS | | | | | | | | | | | | | |
| MOPF for herd (£) | 61,026 | 62,150 | 66,302 | 70,477 | 65,514 | 69,577 | 68,243 | 64,220 | 53,285 | 57,063 | 58,285 | 57,842 | 753,983 |
| MOPF per cow (£) | 136 | 137 | 139 | 148 | 139 | 151 | 150 | 144 | 120 | 127 | 127 | 126 | 1,644 |
| MOPF per litre (p) | 17.78 | 18.13 | 17.91 | 18.14 | 17.99 | 17.31 | 17.31 | 18.12 | 16.97 | 16.73 | 16.57 | 16.53 | 17.47 |
| FORAGE | | | | | | | | | | | | | |
| 12 Month Forage Summary | | | | | | | | | | | | Fertiliser cost/ha | 138 |
| Nitrogen use on dairy herd forages | | | | | 224 | Margin over feeds & fertiliser/cow | | | | | 1585 | | |
| Stocking rate for dairy herd | | | | | 2.35 | Margin over feeds & fertiliser/ha | | | | | 3725 | | |
| Milk from forage per hectare | | | | | 7632 | Margin over feeds & fertiliser/litre | | | | | 16.85 | | |