



B.U.T. 6

PERFORMANCE OBJECTIVES

These tables contain the performance objectives for B.U.T. 6 Breeder Female

SUMMARY

Bodyweight & feed at 29 weeks Cumulative at 24 weeks of lay

| Bodyweight (kg) | Cumulative feed (kg) | Settable eggs per hen | Hatch (%) | Poult per hen |
|-----------------|----------------------|-----------------------|-----------|---------------|
| 13.6 | 57.16 | 115.0 | 83.9 | 96.5 |

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The performance objectives are an estimate of the results that can be achieved under conditions prevailing in large commercial operations.

In very favourable conditions, such as those found with very small flock sizes and where there is ample housing, optimum ventilation and feed availability, the results achieved could exceed the objectives significantly.

Nutrition has a major influence on performance. The basis of the objectives presume diets following Aviagen® Turkeys (B.U.T.) recommendations, fed as quality crumbs or mini pellets up to 4 weeks of age and as good pellets thereafter. The latest nutritional recommendations can be found on the Aviagen Turkeys website.

As performance can be affected by various factors existing in particular operations, these objectives or advice cannot and should not be regarded as a form of guarantee and Aviagen Turkeys Limited accepts no liability in relation to your use of this information.



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Table 1 Weights and Feed Consumption

FEMALE

| Age (wks) | Age (days) | Bodyweight (kg) | Feed (g/b/d) | Cumulative feed (kg) |
|-----------|------------|-----------------|--------------|----------------------|
| 1 | 7 | 0.15 | 37 | 0.26 |
| 2 | 14 | 0.27 | 43 | 0.56 |
| 3 | 21 | 0.50 | 55 | 0.95 |
| 4 | 28 | 0.82 | 71 | 1.44 |
| 5 | 35 | 1.22 | 91 | 2.08 |
| 6 | 42 | 1.68 | 115 | 2.88 |
| 7 | 49 | 2.20 | 140 | 3.86 |
| 8 | 56 | 2.76 | 168 | 5.04 |
| 9 | 63 | 3.36 | 196 | 6.41 |
| 10 | 70 | 3.98 | 225 | 7.99 |
| 11 | 77 | 4.62 | 253 | 9.76 |
| 12 | 84 | 5.27 | 280 | 11.72 |
| 13 | 91 | 5.92 | 305 | 13.85 |
| 14 | 98 | 6.56 | 327 | 16.14 |
| 15 | 105 | 7.19 | 348 | 18.58 |
| 16 | 112 | 7.81 | 365 | 21.13 |
| 17 | 119 | 8.41 | 379 | 23.79 |
| 18 | 126 | 8.98 | 390 | 26.52 |
| 19 | 133 | 9.53 | 399 | 29.31 |
| 20 | 140 | 10.05 | 405 | 32.14 |
| 21 | 147 | 10.55 | 408 | 35.00 |
| 22 | 154 | 11.01 | 409 | 37.86 |
| 23 | 161 | 11.45 | 409 | 40.73 |
| 24 | 168 | 11.86 | 405 | 43.56 |
| 25 | 175 | 12.24 | 401 | 46.37 |
| 26 | 182 | 12.61 | 396 | 49.14 |
| 27 | 189 | 12.95 | 390 | 51.87 |
| 28 | 196 | 13.28 | 382 | 54.54 |
| 29 | 203 | 13.60 | 374 | 57.16 |

Table 2 Egg Production, Fertility and Hatchability

FEMALE

| Weeks in lay | Egg Production | | | | Fertility | | | Hatchability | | | Poults | |
|--------------|---------------------------|-----------------------|----------------------------------|------------------------|--------------------|----------------|----------------|-------------------------|-----------------------|----------------------|-------------------------|---------------------------|
| | Hen housed production (%) | Settable eggs per hen | Cumulative settable eggs per hen | Average egg weight (g) | True fertility (%) | Dead germs (%) | Live germs (%) | Hatch of live germs (%) | Hatch of eggs set (%) | Cumulative hatch (%) | Poults per hen per week | Cumulative poults per hen |
| 1 | 44.6 | 3.1 | 3.1 | 79.0 | 91.2 | 3.8 | 87.4 | 86.9 | 75.9 | 77.4 | 2.4 | 2.4 |
| 2 | 68.8 | 4.8 | 7.9 | 82.6 | 93.3 | 3.7 | 89.6 | 89.1 | 80.7 | 79.7 | 3.9 | 6.3 |
| 3 | 76.1 | 5.3 | 13.2 | 84.2 | 94.8 | 3.6 | 91.2 | 90.7 | 83.8 | 81.1 | 4.4 | 10.7 |
| 4 | 74.8 | 5.2 | 18.4 | 85.0 | 95.9 | 3.5 | 92.4 | 91.9 | 85.6 | 82.6 | 4.5 | 15.2 |
| 5 | 73.8 | 5.2 | 23.6 | 85.6 | 96.6 | 3.4 | 93.2 | 92.7 | 86.5 | 83.5 | 4.5 | 19.7 |
| 6 | 73.6 | 5.2 | 28.8 | 86.2 | 97.1 | 3.4 | 93.7 | 93.2 | 86.8 | 84.0 | 4.5 | 24.2 |
| 7 | 73.9 | 5.2 | 34.0 | 86.8 | 97.4 | 3.4 | 94.0 | 93.5 | 86.8 | 84.4 | 4.5 | 28.7 |
| 8 | 74.3 | 5.2 | 39.2 | 87.4 | 97.4 | 3.4 | 94.0 | 93.5 | 86.5 | 84.7 | 4.5 | 33.2 |
| 9 | 74.2 | 5.2 | 44.4 | 88.0 | 97.4 | 3.4 | 94.0 | 93.5 | 86.2 | 84.9 | 4.5 | 37.7 |
| 10 | 73.8 | 5.2 | 49.6 | 88.6 | 97.2 | 3.4 | 93.8 | 93.3 | 85.8 | 85.1 | 4.5 | 42.2 |
| 11 | 73.1 | 5.1 | 54.7 | 89.2 | 97.1 | 3.4 | 93.7 | 93.2 | 85.4 | 85.2 | 4.4 | 46.6 |
| 12 | 72.3 | 5.1 | 59.8 | 89.8 | 96.9 | 3.4 | 93.5 | 93.0 | 85.0 | 85.1 | 4.3 | 50.9 |
| 13 | 71.1 | 5.0 | 64.8 | 90.4 | 96.8 | 3.5 | 93.3 | 92.8 | 84.6 | 85.0 | 4.2 | 55.1 |
| 14 | 70.1 | 4.9 | 69.7 | 91.0 | 96.6 | 3.5 | 93.1 | 92.6 | 84.2 | 84.9 | 4.1 | 59.2 |
| 15 | 69.2 | 4.8 | 74.5 | 91.6 | 96.5 | 3.6 | 92.9 | 92.4 | 83.8 | 84.8 | 4.0 | 63.2 |
| 16 | 68.2 | 4.8 | 79.3 | 92.2 | 96.4 | 3.7 | 92.7 | 92.2 | 83.5 | 84.7 | 4.0 | 67.2 |
| 17 | 67.2 | 4.7 | 84.0 | 92.7 | 96.3 | 3.8 | 92.5 | 92.0 | 83.1 | 84.6 | 3.9 | 71.1 |
| 18 | 66.3 | 4.6 | 88.6 | 93.2 | 96.2 | 3.9 | 92.3 | 91.8 | 82.7 | 84.5 | 3.8 | 74.9 |
| 19 | 65.3 | 4.6 | 93.2 | 93.6 | 96.0 | 4.0 | 92.0 | 91.5 | 82.3 | 84.4 | 3.8 | 78.7 |
| 20 | 64.4 | 4.5 | 97.7 | 94.0 | 95.9 | 4.1 | 91.8 | 91.3 | 81.9 | 84.3 | 3.7 | 82.4 |
| 21 | 63.4 | 4.4 | 102.1 | 94.3 | 95.7 | 4.2 | 91.5 | 91.0 | 81.5 | 84.2 | 3.6 | 86.0 |
| 22 | 62.4 | 4.4 | 106.5 | 94.6 | 95.5 | 4.3 | 91.2 | 90.7 | 81.1 | 84.1 | 3.6 | 89.6 |
| 23 | 61.5 | 4.3 | 110.8 | 94.8 | 95.3 | 4.4 | 90.9 | 90.4 | 80.7 | 84.0 | 3.5 | 93.1 |
| 24 | 60.5 | 4.2 | 115.0 | 95.0 | 95.1 | 4.5 | 90.6 | 90.1 | 80.4 | 83.9 | 3.4 | 96.5 |
| 25 | 59.5 | 4.2 | 119.2 | 95.2 | 94.9 | 4.6 | 90.3 | 89.8 | 80.0 | 83.8 | 3.4 | 99.9 |
| 26 | 58.6 | 4.1 | 123.3 | 95.3 | 94.7 | 4.7 | 90.0 | 89.5 | 79.6 | 83.7 | 3.3 | 103.2 |