



## PERFORMANCE OBJECTIVES

**M77**

**M77 PARENT STOCK MALE MATED WITH PREMIUM FEMALES**



IMPERIAL

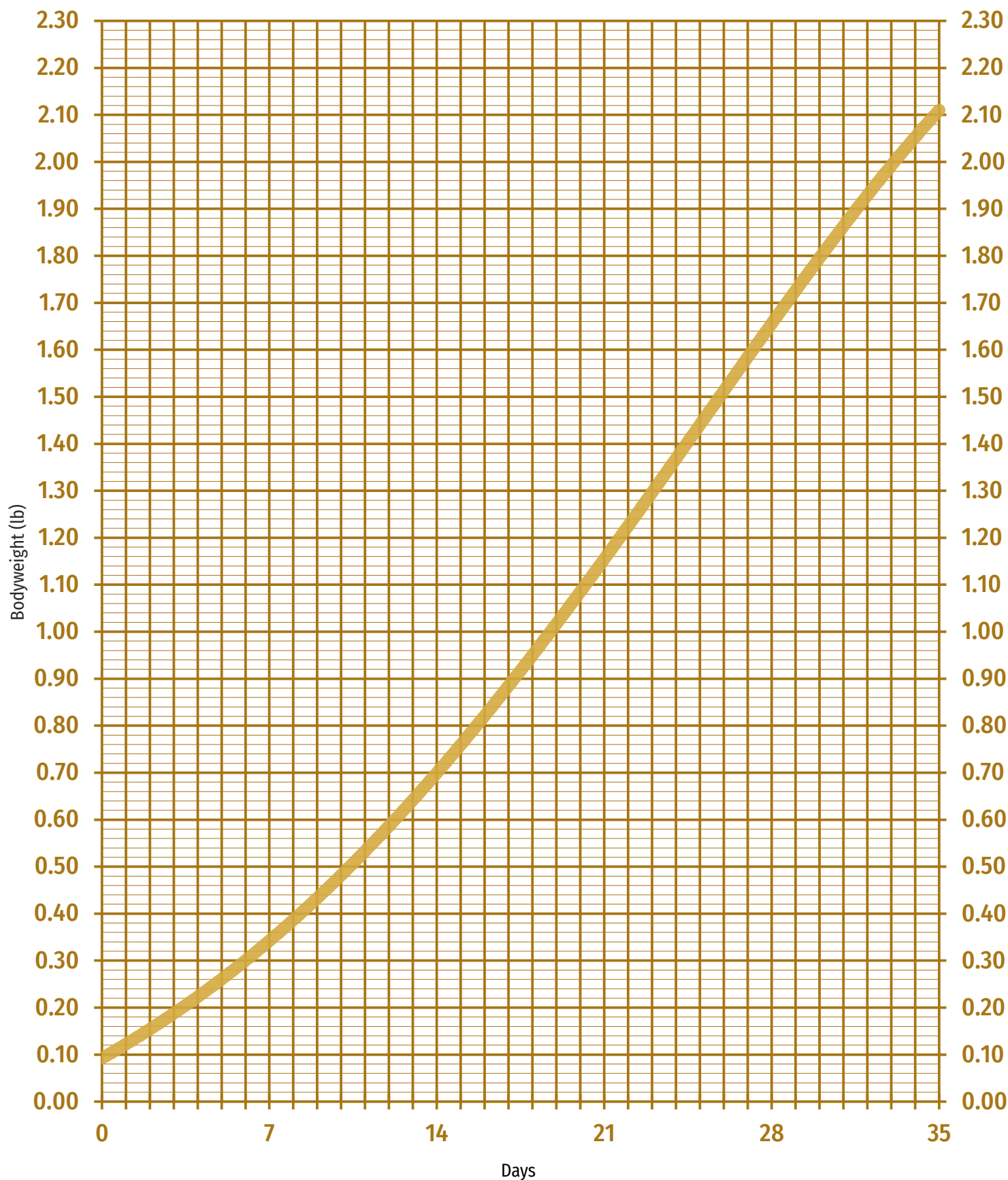
## M77 MALE: FEEDING AND BODYWEIGHT OBJECTIVES - REARING PERIOD

The primary objective to consider is the bodyweight. The composition of the feed may differ from the values shown below.

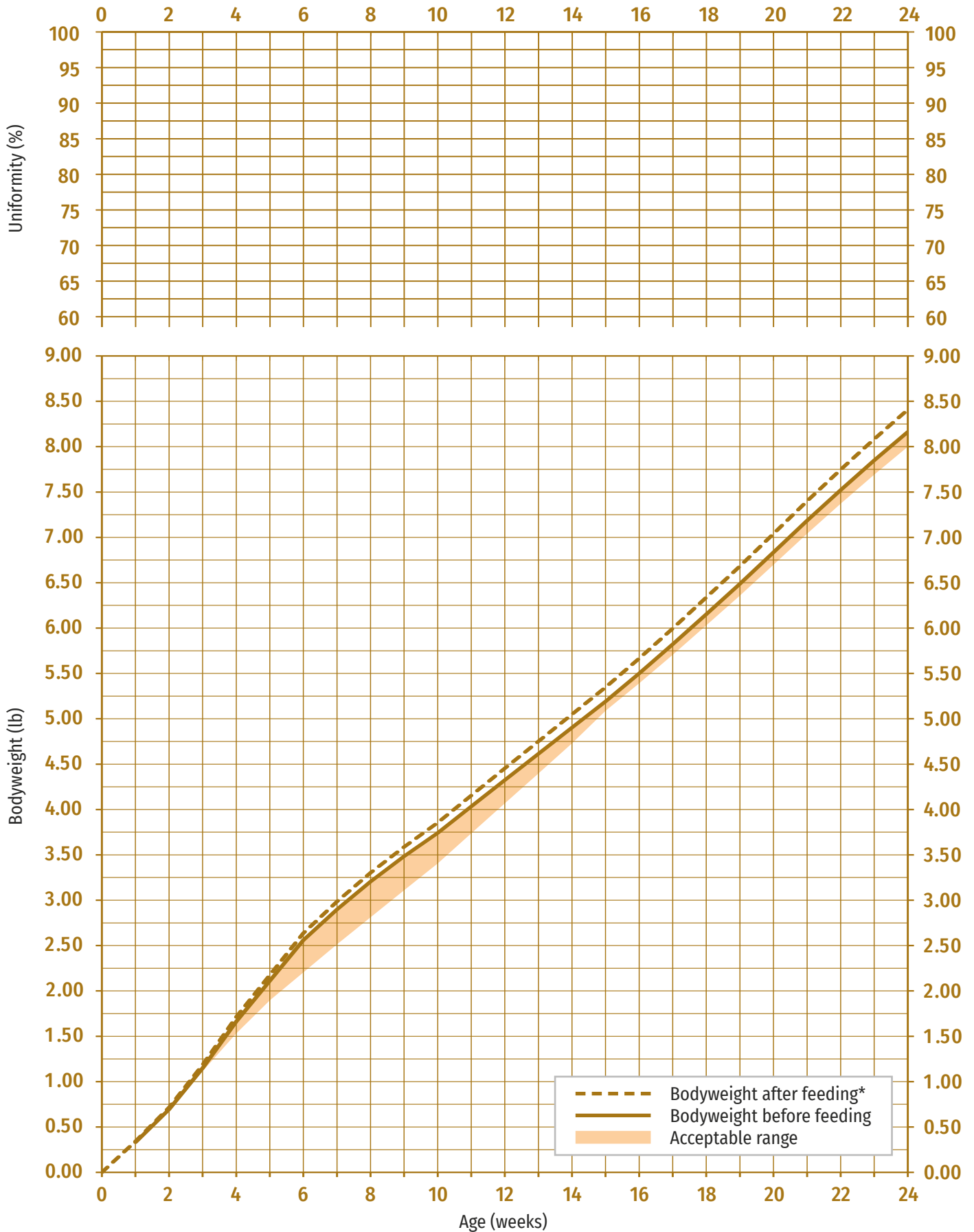
| Age                            |                               | Bodyweight (lb) * | Growth (lb) | Ration<br>(lb per 100 /day) | ME (kcal/day) |
|--------------------------------|-------------------------------|-------------------|-------------|-----------------------------|---------------|
| Weeks                          | Days                          |                   |             |                             |               |
| Starter feed (1270 kcal ME/lb) |                               |                   |             |                             |               |
| 0                              | 0                             |                   |             | Ad libitum                  |               |
| 1                              | 7                             | 0.33              |             | Ad libitum (6.6)            | 85            |
| 2                              | 14                            | 0.69              | 0.36        | Ad libitum (8.2)            | 106           |
| 3                              | 21                            | 1.15              | 0.45        | Ad libitum (9.2)            | 126           |
| 4                              | 28                            | 1.66              | 0.52        | 12.2                        | 158           |
|                                | Grower feed (1202 kcal ME/lb) |                   |             |                             |               |
| 5                              | 35                            | 2.12              | 0.45        | 14.9                        | 179           |
| 6                              | 42                            | 2.56              | 0.44        | 15.3                        | 184           |
| 7                              | 49                            | 2.90              | 0.34        | 16.0                        | 192           |
| 8                              | 56                            | 3.21              | 0.31        | 16.3                        | 196           |
| 9                              | 63                            | 3.48              | 0.28        | 16.5                        | 198           |
| 10                             | 70                            | 3.74              | 0.25        | 16.9                        | 204           |
| 11                             | 77                            | 4.03              | 0.30        | 17.2                        | 206           |
| 12                             | 84                            | 4.32              | 0.29        | 17.6                        | 212           |
| 13                             | 91                            | 4.62              | 0.30        | 18.3                        | 220           |
| 14                             | 98                            | 4.91              | 0.29        | 18.9                        | 227           |
| 15                             | 105                           | 5.19              | 0.29        | 19.7                        | 237           |
| 16                             | 112                           | 5.50              | 0.31        | 20.5                        | 246           |
| 17                             | 119                           | 5.82              | 0.32        | 21.3                        | 256           |
| 18                             | 126                           | 6.15              | 0.33        | 22.1                        | 265           |
| 19                             | 133                           | 6.49              | 0.34        | 22.8                        | 274           |
| Male 1 feed (1270 kcal ME/lb)  |                               |                   |             |                             |               |
| 20                             | 140                           | 6.83              | 0.34        | 22.8                        | 290           |
| 21                             | 147                           | 7.19              | 0.35        | 23.6                        | 300           |
| 22                             | 154                           | 7.52              | 0.33        | 24.5                        | 312           |
| 23                             | 161                           | 7.85              | 0.33        | 25.0                        | 318           |
| 24                             | 168                           | 8.17              | 0.32        | 25.5                        | 325           |

\*Bodyweight before feeding

M77 MALE: DAILY GROWTH CURVE – REARING PERIOD  
0-5 WEEKS



## M77 MALE: GROWTH AND UNIFORMITY CURVES – REARING PERIOD



\* 4-6h after feeding

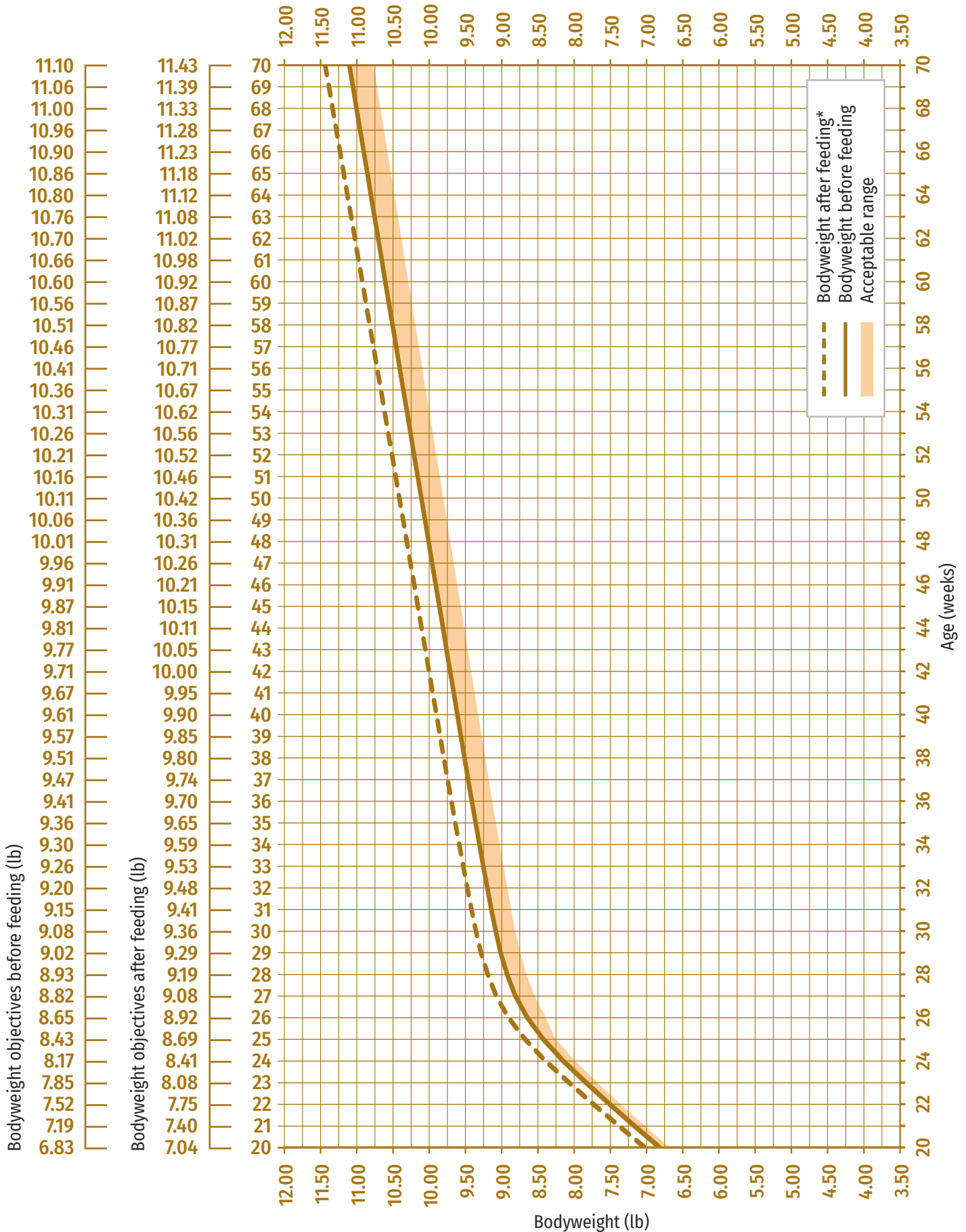
## M77 MALE GROWTH OBJECTIVES – PRODUCTION PERIOD

The primary objective to consider is the bodyweight. The composition of the feed may differ from the values shown below.

| Age                                                                   |      | Bodyweight (lb) * | Growth (lb) | Ration (lb per 100 /day) | ME (kcal/day) |
|-----------------------------------------------------------------------|------|-------------------|-------------|--------------------------|---------------|
| Weeks                                                                 | Days |                   |             |                          |               |
| Male 1 feed (1270 kcal ME/lb)                                         |      |                   |             |                          |               |
| 20                                                                    | 140  | 6.83              | 0.34        | 22.8                     | 290           |
| 21                                                                    | 147  | 7.19              | 0.35        | 23.6                     | 300           |
| 22                                                                    | 154  | 7.52              | 0.33        | 24.5                     | 312           |
| 23                                                                    | 161  | 7.85              | 0.33        | 25.0                     | 318           |
| 24                                                                    | 168  | 8.17              | 0.32        | 25.5                     | 325           |
| 25                                                                    | 175  | 8.43              | 0.26        | 25.9                     | 329           |
| 26                                                                    | 182  | 8.65              | 0.22        | 26.2                     | 333           |
| 27                                                                    | 189  | 8.82              | 0.17        | 26.5                     | 337           |
| 28                                                                    | 196  | 8.93              | 0.11        | 26.8                     | 341           |
| 29                                                                    | 203  | 9.02              | 0.09        | 27.1                     | 345           |
| 30                                                                    | 210  | 9.08              | 0.07        | 27.5                     | 349           |
| Male 2 feed (1360 kcal ME/kg)                                         |      |                   |             |                          |               |
| 31                                                                    | 217  | 9.15              | 0.07        | 25.9                     | 352           |
| 32                                                                    | 224  | 9.20              | 0.06        | 26.2                     | 356           |
| 33                                                                    | 231  | 9.26              | 0.06        | 26.4                     | 359           |
| 34                                                                    | 238  | 9.30              | 0.04 - 0.06 | 26.7                     | 363           |
| 35                                                                    | 245  | 9.36              | 0.04 - 0.06 | 26.9                     | 366           |
| 36                                                                    | 252  | 9.41              | 0.04 - 0.06 | 27.1                     | 369           |
| 37                                                                    | 259  | 9.47              | 0.04 - 0.06 | 27.1                     | 369           |
| 38                                                                    | 266  | 9.51              | 0.04 - 0.06 | 27.3                     | 371           |
| 39                                                                    | 273  | 9.57              | 0.04 - 0.06 | 27.3                     | 371           |
| 40                                                                    | 280  | 9.61              | 0.04 - 0.06 | 27.7                     | 377           |
| 41                                                                    | 287  | 9.67              | 0.04 - 0.06 | 27.7                     | 377           |
| 42                                                                    | 294  | 9.71              | 0.04 - 0.06 | 27.9                     | 380           |
| 43                                                                    | 301  | 9.77              | 0.04 - 0.06 | 27.9                     | 380           |
| 44                                                                    | 308  | 9.81              | 0.04 - 0.06 | 28.1                     | 382           |
| 45                                                                    | 315  | 9.87              | 0.04 - 0.06 | 28.3                     | 385           |
| 46                                                                    | 322  | 9.91              | 0.04 - 0.06 | 28.4                     | 387           |
| 47                                                                    | 329  | 9.96              | 0.04 - 0.06 | 28.5                     | 388           |
| 48                                                                    | 336  | 10.01             | 0.04 - 0.06 | 28.7                     | 391           |
| 49                                                                    | 343  | 10.06             | 0.04 - 0.06 | 28.7                     | 391           |
| 50                                                                    | 350  | 10.11             | 0.04 - 0.06 | 29.0                     | 395           |
| 51                                                                    | 357  | 10.16             | 0.04 - 0.06 | 29.0                     | 395           |
| 52                                                                    | 364  | 10.21             | 0.04 - 0.06 | 29.2                     | 397           |
| 53                                                                    | 371  | 10.26             | 0.04 - 0.06 | 29.4                     | 400           |
| 54                                                                    | 378  | 10.31             | 0.04 - 0.06 | 29.6                     | 403           |
| 55                                                                    | 385  | 10.36             | 0.04 - 0.06 | 29.6                     | 403           |
| 56                                                                    | 392  | 10.41             | 0.04 - 0.06 | 29.8                     | 405           |
| 57                                                                    | 399  | 10.46             | 0.04 - 0.06 | 30.0                     | 408           |
| 58                                                                    | 406  | 10.51             | 0.04 - 0.06 | 30.1                     | 410           |
| 59                                                                    | 413  | 10.56             | 0.04 - 0.06 | 30.1                     | 410           |
| 60                                                                    | 420  | 10.60             | 0.04 - 0.06 | 30.4                     | 414           |
| 61                                                                    | 427  | 10.66             | 0.04 - 0.06 | 30.4                     | 414           |
| 62                                                                    | 434  | 10.70             | 0.04 - 0.06 | 30.7                     | 418           |
| 63                                                                    | 441  | 10.76             | 0.04 - 0.06 | 30.7                     | 418           |
| 64                                                                    | 448  | 10.80             | 0.04 - 0.06 | 31.0                     | 422           |
| 65                                                                    | 455  | 10.86             | 0.04 - 0.06 | 31.0                     | 422           |
| 66                                                                    | 462  | 10.90             | 0.04 - 0.06 | 31.3                     | 426           |
| 67                                                                    | 469  | 10.96             | 0.04 - 0.06 | 31.3                     | 426           |
| 68                                                                    | 476  | 11.00             | 0.04 - 0.06 | 31.5                     | 428           |
| 69                                                                    | 483  | 11.06             | 0.04 - 0.06 | 31.5                     | 428           |
| 70                                                                    | 490  | 11.10             | 0.04 - 0.06 | 31.5                     | 429           |
| Add 3% to these weight objectives if birds are weighed after feeding. |      |                   |             |                          |               |

\* Bodyweight before feeding

# M77 MALE: GROWTH OBJECTIVES – PRODUCTION PERIOD



\* 4-6h after feeding

It is important to recognize that Premium females have different characteristics to Conventional females that may affect how the **M77** males are managed during both the rearing period and during production. Earlier sexual maturity is one characteristic of Premium females and therefore they may come into egg production earlier than Conventional females. It is therefore important to ensure a good synchronization of the sexual maturity of both the males and the females. There may also be some differences in the management of the Premium females during rearing period that impact the development of the males. One example is the lighting programme recommended for Premium females is a slow step-down programme compared to a long period of short days which is recommended for Conventional females. It is recommended that **M77** males and Premium females are reared in separate houses with specific lighting programmes for each sex but it is recognised that this is not always possible and this may influence the optimum body weight for the males.

For these two important reasons, the body weight performance objectives for the **M77** have been adapted to enable earlier maturity of the male and to promote the persistency of the males, especially where male replacement is not possible.

If the **M77** male is mated to Conventional females then please refer to the document **M77 PERFORMANCE OBJECTIVES MATED WITH CONVENTIONAL FEMALES**.

For further guidance on the management of the **M77** mated to Premium Females, please refer to the document **M77 GUIDE - MATED TO PREMIUM FEMALES**.



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