



B.U.T. 6 Commercial Performance Goals

6th Edition

The Objectives of the Performance Goals

The performance goals for Aviagen Turkeys B.U.T. products have achieved credibility for being realistic data, which can be used in several ways as a management tool. These include:

- a) Business - The data can be used by accountants and business managers in drawing up financial budgets.
- b) Farm Management - Comparisons of actual results against the goals will provide useful information on farm management efficiencies.
- c) Problem solving - The first stage to solving a problem is to describe the problem accurately. A comparison of the actual results against the goals will enable the problem areas to be highlighted. This will often be a good indicator of the aspects to be investigated or improved.

The booklet also includes additional technical information, which can help provide solutions to problems.

The Basis of the Performance Goals

The performance goals 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 goals significantly.

The goals apply to temperate conditions. Results will be depressed in the summers of countries with Mediterranean or tropical climates.

Nutrition has a major influence on performance. The basis of the goals presume diets following Aviagen Turkeys Feed Guidelines, fed as crumbs or mini pellets up to 4 weeks of age and as good pellets thereafter.

As performance can be affected by various factors existing in particular operations, these goals cannot and should not be regarded as a form of guarantee.

Table 1. B.U.T. 6 Commercial Males Daily Liveweights

Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)
1	0.06	29	1.36	57	4.97	85	10.08	113	15.49	141	20.57		
2	0.07	30	1.45	58	5.13	86	10.27	114	15.68	142	20.74		
3	0.08	31	1.54	59	5.30	87	10.47	115	15.86	143	20.91		
4	0.10	32	1.64	60	5.47	88	10.66	116	16.05	144	21.09		
5	0.12	33	1.74	61	5.64	89	10.85	117	16.24	145	21.26		
6	0.14	34	1.84	62	5.81	90	11.05	118	16.42	146	21.43		
7	0.16	35	1.95	63	5.98	91	11.24	119	16.61	147	21.60		
8	0.18	36	2.06	64	6.16	92	11.44	120	16.80	148	21.78		
9	0.21	37	2.17	65	6.33	93	11.63	121	16.98	149	21.95		
10	0.24	38	2.28	66	6.51	94	11.83	122	17.16	150	22.12		
11	0.27	39	2.40	67	6.69	95	12.02	123	17.35	151	22.29		
12	0.31	40	2.52	68	6.87	96	12.22	124	17.53	152	22.46		
13	0.35	41	2.64	69	7.05	97	12.41	125	17.71	153	22.63		
14	0.39	42	2.77	70	7.23	98	12.61	126	17.90	154	22.80		
15	0.43	43	2.90	71	7.42	99	12.80	127	18.08	155	22.97		
16	0.48	44	3.03	72	7.60	100	13.00	128	18.26	156	23.14		
17	0.52	45	3.17	73	7.79	101	13.19	129	18.44	157	23.31		
18	0.58	46	3.30	74	7.97	102	13.38	130	18.62	158	23.48		
19	0.63	47	3.44	75	8.16	103	13.58	131	18.80	159	23.65		
20	0.69	48	3.59	76	8.35	104	13.77	132	18.98	160	23.82		
21	0.75	49	3.73	77	8.54	105	13.96	133	19.16	161	23.98		
22	0.82	50	3.88	78	8.73	106	14.15	134	19.33	162	24.15		
23	0.89	51	4.03	79	8.92	107	14.35	135	19.51	163	24.32		
24	0.96	52	4.18	80	9.11	108	14.54	136	19.69	164	24.49		
25	1.03	53	4.33	81	9.30	109	14.73	137	19.86	165	24.65		
26	1.11	54	4.49	82	9.50	110	14.92	138	20.04	166	24.82		
27	1.19	55	4.65	83	9.69	111	15.11	139	20.22	167	24.99		
28	1.27	56	4.81	84	9.88	112	15.30	140	20.39	168	25.15		

Table 2. B.U.T. 6 Commercial Females Daily Liveweights

Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)	Age (Days)	Liveweight (kg)
1	0.06	25	0.86	49	2.96	73	5.90	97	8.97	121	11.71		
2	0.07	26	0.92	50	3.07	74	6.03	98	9.09	122	11.82		
3	0.09	27	0.99	51	3.18	75	6.16	99	9.22	123	11.92		
4	0.10	28	1.05	52	3.30	76	6.29	100	9.34	124	12.02		
5	0.12	29	1.12	53	3.41	77	6.42	101	9.46	125	12.12		
6	0.14	30	1.19	54	3.53	78	6.55	102	9.58	126	12.22		
7	0.16	31	1.27	55	3.64	79	6.68	103	9.70	127	12.32		
8	0.18	32	1.34	56	3.76	80	6.81	104	9.82	128	12.41		
9	0.20	33	1.42	57	3.88	81	6.94	105	9.94	129	12.51		
10	0.22	34	1.50	58	4.00	82	7.07	106	10.05	130	12.60		
11	0.25	35	1.59	59	4.13	83	7.20	107	10.17	131	12.70		
12	0.28	36	1.67	60	4.25	84	7.32	108	10.29	132	12.79		
13	0.31	37	1.76	61	4.37	85	7.45	109	10.40	133	12.88		
14	0.34	38	1.85	62	4.50	86	7.58	110	10.52	134	12.97		
15	0.38	39	1.94	63	4.62	87	7.71	111	10.63	135	13.06		
16	0.41	40	2.03	64	4.75	88	7.84	112	10.74	136	13.15		
17	0.45	41	2.13	65	4.87	89	7.97	113	10.85	137	13.23		
18	0.50	42	2.23	66	5.00	90	8.09	114	10.97	138	13.32		
19	0.54	43	2.33	67	5.13	91	8.22	115	11.07	139	13.40		
20	0.59	44	2.43	68	5.25	92	8.35	116	11.18	140	13.49		
21	0.64	45	2.53	69	5.38	93	8.47	117	11.29				
22	0.69	46	2.64	70	5.51	94	8.60	118	11.40				
23	0.74	47	2.74	71	5.64	95	8.72	119	11.50				
24	0.80	48	2.85	72	5.77	96	8.85	120	11.61				

Table 3. B.U.T. 6 Commercial Males – Weight, Daily Gain, and Feed Conversion

Age (Weeks)	Liveweight (kg)	Daily Gain (g/day)	Cumulative FCR		Age (Days)
			Feed A*	Feed B*	
1	0.16	22.8	0.96	0.99	7
2	0.39	27.6	1.23	1.28	14
3	0.75	35.8	1.37	1.42	21
4	1.27	45.4	1.46	1.52	28
5	1.95	55.6	1.52	1.60	35
6	2.77	66.0	1.58	1.68	42
7	3.73	76.1	1.65	1.75	49
8	4.81	85.8	1.71	1.83	56
9	5.98	94.9	1.76	1.89	63
10	7.23	103.3	1.81	1.96	70
11	8.54	110.9	1.87	2.02	77
12	9.88	117.7	1.92	2.09	84
13	11.24	123.6	1.98	2.16	91
14	12.61	128.7	2.04	2.23	98
15	13.96	133.0	2.10	2.31	105
16	15.30	136.6	2.17	2.39	112
17	16.61	139.6	2.24	2.48	119
18	17.90	142.0	2.32	2.57	126
19	19.16	144.0	2.40	2.67	133
20	20.39	145.6	2.49	2.78	140
21	21.60	147.0	2.59	2.89	147
22	22.80	148.1	2.69	3.01	154
23	23.98	149.0	2.80	3.13	161
24	25.15	149.7	2.91	3.25	168

*see nutritional recommendations for typical ME values for feed A & B.

Table 4. B.U.T. 6 Commercial Females – Weight, Daily Gain, and Feed Conversion

Age (Weeks)	Liveweight (kg)	Daily Gain (g/day)	Cumulative FCR		Age (Days)
			Feed A*	Feed B*	
1	0.16	22.3	0.94	0.98	7
2	0.34	24.5	1.23	1.28	14
3	0.64	30.3	1.39	1.45	21
4	1.05	37.6	1.50	1.57	28
5	1.59	45.3	1.57	1.66	35
6	2.23	53.0	1.64	1.75	42
7	2.96	60.4	1.72	1.84	49
8	3.76	67.2	1.80	1.93	56
9	4.62	73.3	1.86	2.02	63
10	5.51	78.7	1.93	2.11	70
11	6.42	83.3	2.01	2.20	77
12	7.32	87.2	2.09	2.30	84
13	8.22	90.3	2.17	2.40	91
14	9.09	92.8	2.26	2.51	98
15	9.94	94.6	2.35	2.62	105
16	10.74	95.9	2.45	2.73	112
17	11.50	96.7	2.55	2.85	119
18	12.22	97.0	2.65	2.97	126
19	12.88	96.8	2.75	3.10	133
20	13.49	96.3	2.87	3.23	140

*see nutritional recommendations for typical ME values for feed A & B.

Table 5. B.U.T. 6 Commercial Stock – Weight and Percentage Composition after Killing and Processing

Age (days)	Live-weight (kg)	Eviscerated Weight (kg)	Percent of Liveweight						Total Wing %
			Breast Meat %	Breast Skin %	Total Breast %	Total Thigh %	Total Drum %	Total Wing %	
Commercial Males									
84	9.9	7.3	23.0	2.3	25.3	14.2	11.0	10.1	
91	11.2	8.3	23.9	2.6	26.5	14.1	11.0	9.9	
98	12.6	9.4	24.4	2.9	27.3	14.0	10.9	9.7	
105	14.0	10.4	24.9	3.3	28.2	13.9	10.8	9.4	
112	15.3	11.5	25.4	3.6	29.0	13.9	10.7	9.1	
119	16.6	12.6	25.8	3.9	29.8	13.9	10.6	9.0	
126	17.9	13.7	26.4	4.2	30.6	13.8	10.5	8.8	
133	19.2	14.7	26.8	4.6	31.3	13.8	10.4	8.6	
140	20.4	15.7	27.2	4.9	32.1	13.7	10.3	8.4	
147	21.6	16.7	27.6	5.3	32.9	13.6	10.2	8.0	
154	22.8	17.6	27.9	5.6	33.6	13.6	10.1	7.8	
161	24.0	18.6	28.2	6.0	34.2	13.5	10.0	7.5	
168	25.2	19.5	28.4	6.4	34.8	13.5	9.9	7.4	
Commercial Females									
84	7.3	5.4	24.8	3.0	27.8	14.3	9.7	9.5	
91	8.2	6.1	25.2	3.4	28.6	14.2	9.7	9.1	
98	9.1	6.8	25.5	3.8	29.3	14.2	9.6	8.8	
105	9.9	7.4	25.9	4.2	30.1	14.1	9.6	8.4	
112	10.7	8.0	26.2	4.6	30.8	14.0	9.4	8.2	
119	11.5	8.6	26.6	5.0	31.6	14.0	9.4	8.0	
126	12.2	9.2	26.9	5.4	32.3	13.9	9.3	7.8	
133	12.9	9.8	27.2	5.8	33.0	13.8	9.3	7.6	
140	13.5	10.3	27.4	6.3	33.7	13.8	9.2	7.5	

1. Thigh is the femur of the leg with meat and skin cut at the pelvic and tibial articulations.
 2. Drum is the tibia bone with attendant meat and skin cut at the femoral and metatarsal articulations.
 3. No account has been taken of carcass meat trimmings as these will vary greatly according to the skill of the operator and the equipment available.
 4. Variation in the yield of different parts will occur due to different cutting techniques.
- N.B. These data do not include any processing water uptake.



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