

BROILER

YIELD PLUS X ROSS 708

Performance Objectives

2022



Introduction

This booklet contains the performance objectives for the Yield Plus® (YP) x Ross® 708 broiler and is to be used with the *Ross Broiler Management Handbook*.

Performance

These objectives indicate the performance achievable under good management and environmental conditions and when feeding recommended nutrient levels.

Producers may find that local factors prevent such performance from being achieved. For example:

- The availability of raw materials may limit nutrient content and intake.
- Extreme climatic conditions will reduce performance.
- Economic considerations may limit choice of production systems.

Therefore, average performance may be lower than the figures presented here.

The objectives are presented in two sections to reflect the global nature of the publication.

Section 1 g contains the performance data in metric measurement, and

Section 2 lb contains imperial measurements.

In the tables, values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Carcass and carcass component yields will vary among processing plants depending on the type of equipment being used (e.g. carcass chilling technology, automated versus manual deboning, sampling procedures or cutting variation) and the exact carcass component being produced. The carcass and carcass component yield values provided herein are based on extensive data analysis from trials conducted by Aviagen®. These values will differ from prior publications due to new and more extensive data analysis and genetic changes over time. When comparing these values to observations within an operation, keep in mind that how the carcass or carcass component is defined can significantly impact the quantitative value. For example, as % of live weight, carcass yield can differ >2% due to the presence/absence of abdominal fat pad, water retention differences resulting from the method of carcass chilling, and cutting techniques used in the processing plant and feed withdrawal practices. Further, dietary amino acid and energy density can significantly affect carcass and carcass component yield values. Aviagen will continue to evaluate these values.

Every attempt has been made to ensure the accuracy and relevance of the information presented. However, Aviagen accepts no liability for the consequences of using the information for the management of chickens.

For further information on the management of Ross stock, please contact your local Ross representative.

Contents

02		Key Management Points
03	Section 1 <i>g</i>	As-Hatched Performance
04	Section 1 <i>g</i>	Male Performance
05	Section 1 <i>g</i>	Female Performance
07	Section 2 <i>lb</i>	As-Hatched Performance
08	Section 2 <i>lb</i>	Male Performance
09	Section 2 <i>lb</i>	Female Performance
11		Carcass Yield - Male
12		Carcass Yield - Female

Key Management Points

Cost effective production of chicken meat depends on achieving good bird performance; the following points are important for optimizing performance of the Yield Plus x Ross 708 broiler:

- Maximize chick quality by good management of hatching, storage and transport conditions.
- Design the brooding set-up to ensure easy access to water and feed at placement and to ease the transition between supplementary systems and the automated feeders and drinkers at 4-5 days.
- Feed a highly digestible, and nutritionally balanced Starter diet.
- Keep chicks in their thermal comfort zone by monitoring chick behavior, but beware of low relative humidities (less than 50% RH). Establish a minimum ventilation program from day one.
- Monitor crop fill, feeding and drinking behavior and 7-day live weight to allow continuous improvement of the brooding set-up.
- Keep birds in their thermal comfort zone throughout the growing period. Fast growing broilers produce large amounts of heat, particularly in the second half of the grow-out period. Keeping ambient temperatures less than 21°C (69.8°F) from 21 days onwards may improve growth rates.
- Maintain high standards of biosecurity and cleanliness to keep disease challenge to a minimum.

As-Hatched Performance

Day	Weight (g) ¹	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	44					
1	58	14			11	0.191
2	76	17		15	26	0.343
3	96	20		18	44	0.465
4	118	22		22	66	0.563
5	142	25		25	91	0.642
6	170	28		29	120	0.707
7	200	30	22	32	153	0.761
8	234	34	24	36	189	0.806
9	271	37	25	40	229	0.845
10	310	40	27	44	273	0.878
11	353	43	28	48	321	0.908
12	399	46	30	52	373	0.934
13	449	49	31	57	430	0.958
14	501	52	33	61	491	0.981
15	557	56	34	66	558	1.002
16	615	59	36	71	629	1.022
17	677	62	37	76	705	1.041
18	741	64	39	81	786	1.060
19	809	67	40	86	872	1.078
20	879	70	42	91	963	1.097
21	951	73	43	97	1060	1.115
22	1026	75	45	102	1162	1.132
23	1103	77	46	107	1269	1.150
24	1183	79	47	112	1381	1.168
25	1264	81	49	118	1499	1.186
26	1348	83	50	123	1622	1.204
27	1433	85	51	128	1750	1.222
28	1519	87	53	133	1883	1.239
29	1607	88	54	138	2021	1.257
30	1697	89	55	143	2164	1.275
31	1787	91	56	148	2311	1.293
32	1879	92	57	152	2464	1.312
33	1971	92	58	157	2620	1.330
34	2064	93	59	161	2782	1.348
35	2158	94	60	165	2947	1.366
36	2252	94	61	169	3116	1.385
37	2346	94	62	173	3290	1.403
38	2441	94	63	177	3467	1.421
39	2535	95	64	181	3648	1.440
40	2630	94	65	184	3832	1.458
41	2724	94	65	187	4019	1.476
42	2818	94	66	190	4209	1.495
43	2912	94	67	193	4403	1.513
44	3005	93	67	196	4598	1.532
45	3097	93	68	198	4797	1.550
46	3189	92	68	201	4998	1.568
47	3280	91	69	203	5201	1.587
48	3371	90	69	205	5405	1.605
49	3460	90	70	207	5612	1.624
50	3549	89	70	208	5821	1.642
51	3637	88	70	210	6031	1.660
52	3723	87	71	211	6242	1.678
53	3809	86	71	212	6454	1.697
54	3893	84	71	213	6668	1.715
55	3976	83	71	214	6882	1.733
56	4058	82	72	215	7097	1.751
57	4139	81	72	216	7313	1.769
58	4219	80	72	216	7529	1.787
59	4297	78	72	216	7745	1.805
60	4374	77	72	217	7962	1.823
61	4450	76	72	217	8178	1.841
62	4524	74	72	217	8395	1.858
63	4597	73	72	217	8612	1.876

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Male Performance

Day	Weight (g) ¹	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	44					
1	58	14			10	0.176
2	75	17		14	24	0.321
3	95	19		17	42	0.439
4	117	22		21	63	0.536
5	141	25		25	87	0.617
6	169	28		28	116	0.685
7	200	31	22	32	148	0.741
8	234	34	24	36	185	0.789
9	271	37	25	41	225	0.831
10	312	41	27	45	270	0.867
11	356	44	28	50	320	0.899
12	403	48	30	54	374	0.927
13	454	51	32	59	433	0.953
14	509	54	33	64	497	0.977
15	567	58	35	69	566	0.999
16	628	61	37	74	641	1.020
17	693	65	38	80	720	1.040
18	761	68	40	85	805	1.059
19	832	71	41	91	896	1.078
20	906	74	43	96	993	1.096
21	983	77	45	102	1095	1.114
22	1063	80	46	108	1203	1.131
23	1146	83	48	114	1316	1.149
24	1231	85	49	119	1436	1.166
25	1319	88	51	125	1561	1.184
26	1409	90	52	131	1692	1.201
27	1501	92	54	137	1829	1.218
28	1595	94	55	142	1971	1.236
29	1691	96	57	148	2119	1.253
30	1788	97	58	153	2272	1.270
31	1887	99	59	159	2430	1.288
32	1987	100	61	164	2594	1.305
33	2089	101	62	169	2763	1.323
34	2191	102	63	174	2937	1.340
35	2294	103	64	179	3115	1.358
36	2398	104	65	183	3298	1.375
37	2503	104	66	188	3486	1.393
38	2608	105	67	192	3678	1.410
39	2713	105	68	196	3874	1.428
40	2818	105	69	200	4074	1.446
41	2923	105	70	204	4277	1.463
42	3028	105	71	207	4485	1.481
43	3133	105	72	210	4695	1.498
44	3238	104	73	214	4909	1.516
45	3342	104	73	217	5125	1.534
46	3445	103	74	219	5344	1.551
47	3548	103	75	222	5566	1.569
48	3650	102	75	224	5791	1.586
49	3751	101	76	226	6017	1.604
50	3852	100	76	228	6245	1.622
51	3951	99	77	230	6475	1.639
52	4049	98	77	232	6707	1.656
53	4146	97	77	233	6940	1.674
54	4242	96	78	234	7175	1.691
55	4337	95	78	236	7410	1.709
56	4431	94	78	237	7647	1.726
57	4523	92	79	237	7884	1.743
58	4614	91	79	238	8122	1.760
59	4703	90	79	238	8360	1.778
60	4792	88	79	239	8599	1.795
61	4878	87	79	239	8838	1.812
62	4964	85	79	239	9077	1.829
63	5048	84	79	239	9316	1.846

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Female Performance

Day	Weight (g) ¹	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	44					
1	59	15			12	0.206
2	77	18		16	28	0.366
3	96	20		19	47	0.491
4	119	22		23	70	0.590
5	143	25		26	96	0.668
6	171	27		29	125	0.730
7	201	30	22	32	157	0.781
8	234	33	24	36	193	0.823
9	270	36	25	39	232	0.859
10	309	39	26	43	275	0.890
11	351	42	28	47	321	0.917
12	395	45	29	51	372	0.941
13	443	48	31	55	427	0.964
14	493	50	32	59	486	0.985
15	547	53	34	63	549	1.005
16	602	56	35	68	617	1.024
17	661	59	36	72	689	1.043
18	722	61	38	77	766	1.061
19	785	63	39	82	848	1.079
20	851	66	40	86	934	1.097
21	919	68	42	91	1025	1.115
22	989	70	43	96	1121	1.133
23	1061	72	44	101	1222	1.152
24	1134	74	45	105	1327	1.170
25	1210	75	47	110	1437	1.188
26	1286	77	48	115	1552	1.206
27	1365	78	49	119	1671	1.225
28	1444	79	50	124	1795	1.243
29	1524	80	51	128	1923	1.262
30	1605	81	52	133	2056	1.280
31	1688	82	53	137	2192	1.299
32	1770	83	54	141	2333	1.318
33	1854	83	55	145	2478	1.337
34	1937	84	56	149	2626	1.356
35	2021	84	56	152	2779	1.375
36	2105	84	57	156	2934	1.394
37	2189	84	58	159	3094	1.413
38	2274	84	59	162	3256	1.432
39	2357	84	59	165	3421	1.451
40	2441	84	60	168	3589	1.470
41	2525	83	61	171	3760	1.490
42	2607	83	61	174	3934	1.509
43	2690	82	62	176	4110	1.528
44	2772	82	62	178	4288	1.547
45	2853	81	62	180	4469	1.566
46	2933	80	63	182	4651	1.586
47	3013	80	63	184	4835	1.605
48	3092	79	63	186	5020	1.624
49	3170	78	64	187	5208	1.643
50	3246	77	64	188	5396	1.662
51	3322	76	64	190	5586	1.681
52	3397	75	64	191	5776	1.700
53	3471	74	65	192	5968	1.719
54	3544	73	65	192	6160	1.738
55	3616	72	65	193	6353	1.757
56	3686	71	65	194	6547	1.776
57	3756	69	65	194	6741	1.795
58	3824	68	65	194	6935	1.814
59	3891	67	65	194	7130	1.832
60	3957	66	65	195	7324	1.851
61	4021	65	65	194	7519	1.870
62	4085	63	65	194	7713	1.888
63	4147	62	65	194	7907	1.907

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

As-Hatched Performance

Day	Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.097					
1	0.129	0.032			0.025	0.191
2	0.167	0.039		0.033	0.058	0.343
3	0.211	0.043		0.040	0.098	0.465
4	0.259	0.049		0.048	0.146	0.563
5	0.314	0.055		0.056	0.202	0.642
6	0.375	0.061		0.063	0.265	0.707
7	0.442	0.067	0.049	0.071	0.336	0.761
8	0.516	0.074	0.052	0.080	0.416	0.806
9	0.596	0.081	0.055	0.088	0.504	0.845
10	0.684	0.088	0.059	0.097	0.601	0.878
11	0.779	0.095	0.062	0.106	0.707	0.908
12	0.880	0.102	0.065	0.116	0.823	0.934
13	0.989	0.109	0.069	0.125	0.948	0.958
14	1.105	0.116	0.072	0.136	1.083	0.981
15	1.227	0.122	0.075	0.146	1.229	1.002
16	1.356	0.129	0.079	0.157	1.386	1.022
17	1.492	0.136	0.082	0.168	1.554	1.041
18	1.634	0.142	0.085	0.179	1.732	1.060
19	1.783	0.148	0.089	0.190	1.922	1.078
20	1.937	0.154	0.092	0.201	2.124	1.097
21	2.097	0.160	0.095	0.213	2.337	1.115
22	2.262	0.165	0.098	0.225	2.561	1.132
23	2.432	0.170	0.102	0.236	2.798	1.150
24	2.607	0.175	0.105	0.248	3.045	1.168
25	2.787	0.180	0.108	0.259	3.305	1.186
26	2.971	0.184	0.111	0.271	3.576	1.204
27	3.158	0.188	0.113	0.282	3.858	1.222
28	3.350	0.191	0.116	0.293	4.151	1.239
29	3.544	0.194	0.119	0.304	4.455	1.257
30	3.741	0.197	0.121	0.315	4.770	1.275
31	3.940	0.200	0.124	0.325	5.096	1.293
32	4.142	0.202	0.126	0.336	5.431	1.312
33	4.346	0.204	0.129	0.346	5.777	1.330
34	4.551	0.205	0.131	0.355	6.132	1.348
35	4.757	0.206	0.133	0.365	6.497	1.366
36	4.964	0.207	0.135	0.374	6.870	1.385
37	5.172	0.208	0.137	0.382	7.253	1.403
38	5.381	0.208	0.139	0.390	7.643	1.421
39	5.589	0.208	0.141	0.398	8.041	1.440
40	5.797	0.208	0.143	0.406	8.447	1.458
41	6.005	0.208	0.144	0.413	8.860	1.476
42	6.212	0.207	0.146	0.420	9.280	1.495
43	6.419	0.206	0.147	0.426	9.706	1.513
44	6.624	0.205	0.148	0.432	10.138	1.532
45	6.828	0.204	0.150	0.437	10.575	1.550
46	7.031	0.203	0.151	0.443	11.018	1.568
47	7.232	0.201	0.152	0.447	11.465	1.587
48	7.431	0.199	0.153	0.452	11.917	1.605
49	7.629	0.197	0.154	0.456	12.373	1.624
50	7.824	0.195	0.155	0.459	12.832	1.642
51	8.017	0.193	0.155	0.463	13.295	1.660
52	8.208	0.191	0.156	0.466	13.761	1.678
53	8.397	0.189	0.157	0.468	14.229	1.697
54	8.583	0.186	0.157	0.471	14.700	1.715
55	8.767	0.184	0.158	0.472	15.172	1.733
56	8.947	0.181	0.158	0.474	15.646	1.751
57	9.126	0.178	0.158	0.475	16.121	1.769
58	9.301	0.175	0.159	0.476	16.598	1.787
59	9.474	0.173	0.159	0.477	17.075	1.805
60	9.643	0.170	0.159	0.478	17.552	1.823
61	9.810	0.167	0.159	0.478	18.030	1.841
62	9.974	0.164	0.159	0.478	18.508	1.858
63	10.135	0.161	0.159	0.477	18.985	1.876

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Male Performance

Day	Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.097					
1	0.128	0.031			0.023	0.176
2	0.166	0.038		0.031	0.053	0.321
3	0.209	0.043		0.038	0.092	0.439
4	0.257	0.048		0.046	0.138	0.536
5	0.312	0.055		0.054	0.192	0.617
6	0.373	0.061		0.063	0.255	0.685
7	0.441	0.068	0.049	0.071	0.327	0.741
8	0.516	0.075	0.052	0.080	0.407	0.789
9	0.598	0.082	0.056	0.090	0.497	0.831
10	0.687	0.090	0.059	0.099	0.596	0.867
11	0.785	0.097	0.063	0.109	0.705	0.899
12	0.889	0.105	0.066	0.119	0.825	0.927
13	1.002	0.112	0.070	0.130	0.955	0.953
14	1.122	0.120	0.073	0.141	1.096	0.977
15	1.249	0.128	0.077	0.152	1.248	0.999
16	1.385	0.135	0.080	0.164	1.412	1.020
17	1.527	0.143	0.084	0.176	1.588	1.040
18	1.677	0.150	0.088	0.188	1.776	1.059
19	1.833	0.157	0.091	0.200	1.976	1.078
20	1.997	0.164	0.095	0.213	2.189	1.096
21	2.167	0.170	0.099	0.225	2.414	1.114
22	2.343	0.176	0.102	0.238	2.652	1.131
23	2.526	0.182	0.106	0.251	2.902	1.149
24	2.714	0.188	0.109	0.263	3.165	1.166
25	2.907	0.193	0.112	0.276	3.441	1.184
26	3.105	0.198	0.116	0.289	3.730	1.201
27	3.309	0.203	0.119	0.301	4.031	1.218
28	3.516	0.207	0.122	0.314	4.345	1.236
29	3.727	0.211	0.125	0.326	4.671	1.253
30	3.942	0.215	0.128	0.338	5.008	1.270
31	4.160	0.218	0.131	0.350	5.358	1.288
32	4.381	0.221	0.134	0.361	5.719	1.305
33	4.605	0.224	0.137	0.372	6.091	1.323
34	4.831	0.226	0.139	0.383	6.474	1.340
35	5.058	0.228	0.142	0.394	6.868	1.358
36	5.288	0.229	0.144	0.404	7.272	1.375
37	5.518	0.230	0.147	0.414	7.685	1.393
38	5.749	0.231	0.149	0.423	8.108	1.410
39	5.981	0.232	0.151	0.432	8.540	1.428
40	6.213	0.232	0.153	0.441	8.981	1.446
41	6.445	0.232	0.155	0.449	9.430	1.463
42	6.676	0.232	0.157	0.457	9.887	1.481
43	6.908	0.231	0.158	0.464	10.351	1.498
44	7.138	0.230	0.160	0.471	10.822	1.516
45	7.367	0.229	0.162	0.477	11.299	1.534
46	7.595	0.228	0.163	0.483	11.783	1.551
47	7.822	0.227	0.164	0.489	12.272	1.569
48	8.047	0.225	0.166	0.494	12.766	1.586
49	8.270	0.223	0.167	0.499	13.265	1.604
50	8.491	0.221	0.168	0.503	13.768	1.622
51	8.710	0.219	0.169	0.507	14.276	1.639
52	8.927	0.217	0.170	0.511	14.787	1.656
53	9.141	0.214	0.171	0.514	15.301	1.674
54	9.353	0.212	0.171	0.517	15.818	1.691
55	9.562	0.209	0.172	0.519	16.337	1.709
56	9.768	0.206	0.173	0.521	16.858	1.726
57	9.971	0.203	0.173	0.523	17.382	1.743
58	10.172	0.200	0.174	0.524	17.906	1.760
59	10.369	0.197	0.174	0.526	18.432	1.778
60	10.564	0.194	0.174	0.526	18.958	1.795
61	10.755	0.191	0.175	0.527	19.484	1.812
62	10.943	0.188	0.175	0.527	20.011	1.829
63	11.128	0.185	0.175	0.527	20.538	1.846

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Female Performance

Day	Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.097					
1	0.130	0.033			0.027	0.206
2	0.169	0.039		0.035	0.062	0.366
3	0.212	0.044		0.043	0.104	0.491
4	0.261	0.049		0.050	0.154	0.590
5	0.316	0.054		0.057	0.211	0.668
6	0.376	0.060		0.064	0.275	0.730
7	0.443	0.067	0.049	0.071	0.346	0.781
8	0.516	0.073	0.052	0.079	0.425	0.823
9	0.595	0.079	0.055	0.087	0.511	0.859
10	0.681	0.086	0.058	0.095	0.606	0.890
11	0.773	0.092	0.061	0.103	0.709	0.917
12	0.871	0.099	0.065	0.112	0.820	0.941
13	0.976	0.105	0.068	0.121	0.941	0.964
14	1.088	0.111	0.071	0.130	1.071	0.985
15	1.205	0.117	0.074	0.140	1.211	1.005
16	1.328	0.123	0.077	0.149	1.360	1.024
17	1.457	0.129	0.080	0.159	1.519	1.043
18	1.592	0.135	0.083	0.170	1.689	1.061
19	1.732	0.140	0.086	0.180	1.869	1.079
20	1.877	0.145	0.089	0.190	2.059	1.097
21	2.026	0.150	0.092	0.201	2.260	1.115
22	2.180	0.154	0.095	0.211	2.471	1.133
23	2.339	0.158	0.097	0.222	2.693	1.152
24	2.501	0.162	0.100	0.232	2.926	1.170
25	2.667	0.166	0.103	0.243	3.168	1.188
26	2.836	0.169	0.105	0.253	3.421	1.206
27	3.008	0.172	0.108	0.263	3.684	1.225
28	3.183	0.175	0.110	0.273	3.957	1.243
29	3.360	0.177	0.113	0.283	4.240	1.262
30	3.539	0.179	0.115	0.292	4.532	1.280
31	3.720	0.181	0.117	0.301	4.833	1.299
32	3.903	0.182	0.119	0.310	5.144	1.318
33	4.086	0.184	0.121	0.319	5.463	1.337
34	4.271	0.184	0.123	0.327	5.790	1.356
35	4.456	0.185	0.125	0.336	6.126	1.375
36	4.641	0.185	0.126	0.343	6.469	1.394
37	4.827	0.186	0.128	0.351	6.820	1.413
38	5.012	0.185	0.129	0.358	7.178	1.432
39	5.197	0.185	0.131	0.365	7.542	1.451
40	5.382	0.185	0.132	0.371	7.913	1.470
41	5.566	0.184	0.133	0.377	8.290	1.490
42	5.748	0.183	0.135	0.383	8.673	1.509
43	5.930	0.182	0.136	0.388	9.061	1.528
44	6.110	0.180	0.137	0.393	9.454	1.547
45	6.289	0.179	0.138	0.398	9.851	1.566
46	6.467	0.177	0.138	0.402	10.253	1.586
47	6.642	0.176	0.139	0.406	10.659	1.605
48	6.816	0.174	0.140	0.409	11.068	1.624
49	6.988	0.172	0.141	0.413	11.481	1.643
50	7.157	0.170	0.141	0.416	11.896	1.662
51	7.325	0.167	0.142	0.418	12.314	1.681
52	7.490	0.165	0.142	0.420	12.735	1.700
53	7.653	0.163	0.143	0.422	13.157	1.719
54	7.813	0.160	0.143	0.424	13.581	1.738
55	7.971	0.158	0.143	0.426	14.007	1.757
56	8.127	0.156	0.143	0.427	14.434	1.776
57	8.280	0.153	0.144	0.428	14.861	1.795
58	8.430	0.150	0.144	0.428	15.290	1.814
59	8.578	0.148	0.144	0.429	15.718	1.832
60	8.723	0.145	0.144	0.429	16.147	1.851
61	8.866	0.142	0.144	0.429	16.576	1.870
62	9.005	0.140	0.144	0.428	17.004	1.888
63	9.143	0.137	0.144	0.428	17.432	1.907

¹ On-farm body weight (i.e. feed present in intestinal tract).

² Feed consumption per living bird.

³ FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table the values are rounded. This may result in small inaccuracies when using the objectives to calculate other performance statistics.

Carcass Yield - Male

The following table indicates how yields of the major portions change with increasing live weight in each sex. Two types of processing are described: eviscerated yield is broken down into breast meat, thigh and drumstick to represent a portioning operation and into breast meat and leg meat to represent a deboning operation.

		Portion					Debone		
Live Weight kg	Live Weight lb	Eviscerated %	Breast %	Thigh %	Drumstick %	Wing %	Leg Meat %	Breast %	Total Meat %
1.6	3.53	70.93	23.80	12.48	9.65	7.65	15.10	23.80	38.90
1.8	3.97	71.81	24.93	12.73	9.62	7.61	15.59	24.93	40.52
2.0	4.41	72.52	25.84	12.93	9.59	7.57	15.98	25.84	41.82
2.2	4.85	73.09	26.58	13.10	9.56	7.54	16.30	26.58	42.88
2.4	5.29	73.57	27.20	13.24	9.54	7.52	16.56	27.20	43.77
2.6	5.73	73.98	27.73	13.35	9.52	7.50	16.79	27.73	44.51
2.8	6.17	74.33	28.18	13.45	9.51	7.49	16.98	28.18	45.15
3.0	6.61	74.63	28.57	13.54	9.50	7.47	17.14	28.57	45.71
3.2	7.05	74.89	28.91	13.61	9.48	7.46	17.29	28.91	46.20
3.4	7.50	75.12	29.21	13.68	9.47	7.45	17.42	29.21	46.63
3.6	7.94	75.33	29.47	13.74	9.47	7.44	17.53	29.47	47.01
3.8	8.38	75.52	29.71	13.79	9.46	7.43	17.64	29.71	47.35
4.0	8.82	75.68	29.93	13.84	9.45	7.42	17.73	29.93	47.65
4.2	9.26	75.83	30.12	13.88	9.44	7.41	17.81	30.12	47.93
4.4	9.70	75.97	30.30	13.92	9.44	7.41	17.89	30.30	48.19
4.6	10.14	76.10	30.46	13.96	9.43	7.40	17.96	30.46	48.42
4.8	10.58	76.21	30.61	13.99	9.43	7.39	18.02	30.61	48.63



Eviscerated %: Eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.



Drumstick %: Whole drumstick (with skin and bone) as a percentage of live weight.



Breast %: Breast meat (without skin and bone) as a percentage of live weight.



Wing %: Whole wing, clean cut at the joint (with skin and bone) as a percentage of live weight.



Thigh %: Whole thigh (with skin and bone) as a percentage of live weight.

Leg %: Whole leg (without skin and bone) as a percentage of live weight.
 Total meat %: Whole leg and breast (without skin and bone) as a percentage of live weight.

Note: These figures represent dry yield. They do not include any moisture retained during chilling or processing. Carcass component yields will vary among processing plants depending on, for example, type of equipment used and the exact portion(s) being produced.

Carcass Yield - Female

The following table indicates how yields of the major portions change with increasing live weight in each sex. Two types of processing are described: eviscerated yield is broken down into breast meat, thigh and drumstick to represent a portioning operation and into breast meat and leg meat to represent a deboning operation.

Live Weight kg	Live Weight lb	Portion					Debone		
		Eviscerated %	Breast %	Thigh %	Drumstick %	Wing %	Leg Meat %	Breast %	Total Meat %
1.6	3.53	71.21	25.19	12.65	9.22	7.62	15.68	25.19	40.87
1.8	3.97	72.18	26.52	12.80	9.14	7.58	15.83	26.52	42.35
2.0	4.41	72.95	27.58	12.92	9.08	7.54	15.95	27.58	43.53
2.2	4.85	73.58	28.45	13.02	9.03	7.51	16.05	28.45	44.50
2.4	5.29	74.11	29.18	13.10	8.99	7.48	16.13	29.18	45.30
2.6	5.73	74.55	29.79	13.17	8.95	7.46	16.19	29.79	45.98
2.8	6.17	74.93	30.32	13.23	8.92	7.44	16.25	30.32	46.57
3.0	6.61	75.26	30.77	13.28	8.89	7.43	16.30	30.77	47.08
3.2	7.05	75.55	31.17	13.33	8.87	7.41	16.35	31.17	47.52
3.4	7.50	75.81	31.52	13.37	8.84	7.40	16.39	31.52	47.91
3.6	7.94	76.03	31.84	13.40	8.83	7.39	16.42	31.84	48.26
3.8	8.38	76.24	32.12	13.43	8.81	7.38	16.45	32.12	48.57
4.0	8.82	76.42	32.37	13.46	8.79	7.37	16.48	32.37	48.85



Eviscerated %: Eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.



Drumstick %: Whole drumstick (with skin and bone) as a percentage of live weight.



Breast %: Breast meat (without skin and bone) as a percentage of live weight.



Wing %: Whole wing, clean cut at the joint (with skin and bone) as a percentage of live weight.



Thigh %: Whole thigh (with skin and bone) as a percentage of live weight.

Leg %: Whole leg (without skin and bone) as a percentage of live weight.
Total meat %: Whole leg and breast (without skin and bone) as a percentage of live weight.

Note: These figures represent dry yield. They do not include any moisture retained during chilling or processing. Carcass component yields will vary among processing plants depending on, for example, type of equipment used and the exact portion(s) being produced.

Notes

A series of horizontal dotted lines for taking notes.

Notes

A series of horizontal dotted lines for taking notes.



Aviagen and the Aviagen logo, Ross and the Ross logo, and Yield Plus and the Yield Plus logo are registered trademarks of Aviagen in the US and other countries. All other trademarks or brands are registered by their respective owners.

Privacy Statement: Aviagen collects data to effectively communicate and provide information to you about our products and our business. This data may include your email address, name, business address and telephone number. To view our full Privacy Policy visit [Aviagen.com](https://www.aviagen.com)

© 2022 Aviagen.

0822-AVNR-043