

# BROILER

## YIELD PLUS x ROSS 408

Performance Objectives

2019



## Introduction

This booklet contains the performance objectives for the Yield Plus® (YP) x Ross® 408 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 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 measurements and

**Section 2 lb** contains imperial measurements.

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

Yields will vary between processing plants depending on type of equipment used (e.g. carcass chilling technology, automated versus manual deboning) and the exact portion being produced.

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 this information for the management of chickens.

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

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## Key Management Points

Cost effective production of chicken meat depends on achieving good bird performance and the following points are important for optimizing performance of the Yield Plus x Ross 408 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 to a minimum.

## As-Hatched Performance

Day	Body weight (g) <sup>1</sup>	Daily gain (g)	Av. daily gain/week (g)	Daily intake (g)	Cum. intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	43					
1	59	17			13	0.216
2	77	17		17	30	0.386
3	97	20		21	50	0.521
4	119	22		24	75	0.629
5	143	25		28	103	0.716
6	171	28		32	135	0.786
7	202	31	22.71	36	170	0.844
8	236	34		40	210	0.892
9	272	37		44	254	0.933
10	313	40		48	303	0.969
11	356	43		53	356	1.000
12	403	47		58	414	1.027
13	453	50		63	476	1.052
14	506	53	43.42	68	544	1.076
15	562	56		73	617	1.098
16	622	60		78	695	1.119
17	684	63		84	779	1.139
18	750	66		89	868	1.158
19	818	68		95	963	1.177
20	889	71		101	1064	1.196
21	963	74	65.38	106	1171	1.215
22	1040	76		112	1283	1.234
23	1119	79		118	1401	1.252
24	1200	81		124	1525	1.271
25	1283	83		130	1654	1.289
26	1368	85		135	1790	1.308
27	1455	87		141	1931	1.327
28	1544	89	82.94	147	2077	1.345
29	1634	90		152	2229	1.364
30	1726	92		157	2386	1.383
31	1818	93		163	2549	1.402
32	1912	94		168	2717	1.421
33	2007	95		172	2889	1.440
34	2102	95		177	3066	1.459
35	2198	96	93.42	182	3248	1.478
36	2294	96		186	3434	1.497
37	2391	97		190	3625	1.516
38	2488	97		195	3819	1.535
39	2585	97		198	4018	1.554
40	2682	97		202	4220	1.574
41	2778	97		206	4425	1.593
42	2875	96	96.68	209	4634	1.612
43	2971	96		212	4846	1.631
44	3066	95		215	5061	1.651
45	3161	95		217	5278	1.670
46	3255	94		220	5498	1.689
47	3349	93		222	5720	1.708
48	3441	93		224	5944	1.727
49	3533	92	94.07	226	6170	1.746
50	3624	91		228	6398	1.766
51	3714	90		229	6628	1.785
52	3802	89		231	6858	1.804
53	3890	88		232	7090	1.823
54	3976	86		233	7323	1.842
55	4062	85		234	7557	1.861
56	4145	84	87.47	234	7791	1.879
57	4228	83		235	8026	1.898
58	4310	81		235	8261	1.917
59	4390	80		236	8497	1.936
60	4468	79		236	8733	1.954
61	4546	77		236	8968	1.973
62	4621	76		236	9204	1.992
63	4696	75	78.65	235	9439	2.010
64	4769	73		235	9674	2.028
65	4841	72		234	9908	2.047
66	4911	70		234	10142	2.065
67	4980	69		233	10375	2.083
68	5048	68		232	10607	2.101
69	5114	66		231	10839	2.120
70	5179	65	68.95	230	11069	2.138

<sup>1</sup>On-farm body weight (i.e., feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>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	Body weight (g) <sup>1</sup>	Daily gain (g)	Av. daily gain/week (g)	Daily intake (g)	Cum. intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	43					
1	59	17			12	0.196
2	77	17		16	27	0.355
3	96	20		19	47	0.485
4	118	22		23	70	0.592
5	143	25		27	97	0.679
6	171	28		31	129	0.752
7	202	31	22.76	36	164	0.813
8	236	34		40	204	0.864
9	274	38		44	249	0.909
10	315	41		49	298	0.947
11	359	44		54	352	0.980
12	407	48		59	411	1.010
13	458	51		64	475	1.037
14	513	55	44.46	70	545	1.062
15	572	58		75	620	1.085
16	634	62		81	701	1.107
17	699	65		87	788	1.128
18	767	69		93	881	1.148
19	839	72		99	980	1.167
20	914	75		105	1085	1.186
21	992	78	68.43	111	1196	1.205
22	1073	81		117	1313	1.223
23	1157	84		124	1436	1.242
24	1243	86		130	1566	1.260
25	1332	89		136	1702	1.278
26	1423	91		142	1844	1.296
27	1517	93		148	1993	1.314
28	1612	95	88.51	154	2147	1.332
29	1709	97		160	2307	1.350
30	1808	99		166	2473	1.368
31	1908	100		172	2645	1.386
32	2010	102		178	2823	1.404
33	2113	103		183	3006	1.423
34	2217	104		188	3194	1.441
35	2321	105	101.37	193	3387	1.459
36	2427	105		198	3586	1.477
37	2533	106		203	3789	1.496
38	2639	106		208	3996	1.514
39	2746	107		212	4208	1.533
40	2853	107		216	4425	1.551
41	2960	107		220	4645	1.569
42	3066	107	106.41	224	4868	1.588
43	3173	106		227	5096	1.606
44	3279	106		231	5326	1.624
45	3384	106		234	5560	1.643
46	3489	105		237	5796	1.661
47	3594	104		239	6036	1.680
48	3697	104		242	6277	1.698
49	3800	103	104.80	244	6521	1.716
50	3902	102		246	6767	1.734
51	4002	101		248	7015	1.753
52	4102	100		249	7264	1.771
53	4201	99		251	7515	1.789
54	4298	97		252	7767	1.807
55	4394	96		253	8020	1.825
56	4489	95	98.45	254	8275	1.843
57	4583	94		255	8529	1.861
58	4675	92		255	8785	1.879
59	4766	91		256	9041	1.897
60	4855	89		256	9297	1.915
61	4943	88		256	9553	1.933
62	5029	86		256	9809	1.950
63	5114	85	89.29	256	10065	1.968
64	5198	83		256	10320	1.986
65	5279	82		255	10576	2.003
66	5360	80		255	10830	2.021
67	5439	79		254	11084	2.038
68	5516	77		253	11338	2.055
69	5592	76		252	11590	2.073
70	5666	74	78.86	251	11841	2.090

<sup>1</sup>On-farm body weight (i.e., feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>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	Body weight (g) <sup>1</sup>	Daily gain (g)	Av. daily gain/week (g)	Daily intake (g)	Cum. intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	43					
1	60	17			14	0.235
2	77	18		18	32	0.417
3	97	20		22	54	0.557
4	119	22		25	79	0.666
5	144	25		29	108	0.752
6	171	28		32	140	0.820
7	202	30	22.66	36	176	0.875
8	235	33		40	216	0.920
9	271	36		44	260	0.958
10	311	39		48	308	0.990
11	353	42		52	360	1.019
12	398	45		56	416	1.044
13	447	48		61	477	1.068
14	498	51	42.37	66	543	1.089
15	552	54		71	613	1.110
16	610	57		76	689	1.130
17	669	60		81	770	1.150
18	732	63		86	856	1.169
19	797	65		91	947	1.188
20	865	68		96	1043	1.207
21	934	70	62.33	102	1145	1.225
22	1006	72		107	1252	1.244
23	1081	74		113	1365	1.263
24	1156	76		118	1483	1.282
25	1234	78		123	1606	1.301
26	1313	79		128	1734	1.320
27	1394	81		133	1867	1.339
28	1476	82	77.37	138	2006	1.359
29	1559	83		143	2149	1.378
30	1643	84		148	2297	1.398
31	1728	85		153	2450	1.417
32	1814	86		157	2607	1.437
33	1901	86		162	2769	1.457
34	1987	87		166	2934	1.477
35	2074	87	85.47	170	3104	1.496
36	2162	87		174	3278	1.516
37	2249	87		177	3455	1.536
38	2336	87		181	3636	1.556
39	2423	87		184	3820	1.576
40	2510	87		187	4007	1.596
41	2597	87		190	4198	1.616
42	2683	86	86.94	193	4391	1.636
43	2769	86		196	4586	1.657
44	2853	85		198	4784	1.677
45	2938	84		200	4984	1.697
46	3021	83		202	5186	1.717
47	3104	83		204	5391	1.737
48	3186	82		206	5596	1.757
49	3266	81	83.34	207	5803	1.777
50	3346	80		209	6012	1.797
51	3425	79		210	6222	1.817
52	3503	78		211	6433	1.836
53	3579	77		212	6644	1.856
54	3655	75		212	6857	1.876
55	3729	74		213	7069	1.896
56	3802	73	76.50	213	7283	1.916
57	3874	72		214	7496	1.935
58	3944	71		214	7710	1.955
59	4013	69		214	7924	1.974
60	4082	68		214	8138	1.994
61	4148	67		214	8352	2.013
62	4214	65		213	8565	2.033
63	4278	64	68.00	213	8778	2.052
64	4341	63		213	8991	2.071
65	4402	62		212	9203	2.090
66	4463	60		211	9414	2.110
67	4522	59		211	9625	2.129
68	4579	58		210	9834	2.147
69	4636	56		209	10043	2.166
70	4691	55	59.04	208	10251	2.185

<sup>1</sup>On-farm body weight (i.e., feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>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	Body weight (lb) <sup>1</sup>	Daily gain (lb)	Av. daily gain/week (lb)	Daily intake (lb)	Cum. intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.094					
1	0.131	0.037			0.028	0.216
2	0.170	0.038		0.037	0.065	0.386
3	0.213	0.043		0.045	0.111	0.521
4	0.262	0.049		0.054	0.164	0.629
5	0.316	0.055		0.062	0.226	0.716
6	0.377	0.061		0.070	0.297	0.786
7	0.445	0.068	0.050	0.079	0.375	0.844
8	0.519	0.074		0.088	0.463	0.892
9	0.601	0.081		0.097	0.561	0.933
10	0.689	0.088		0.107	0.667	0.969
11	0.785	0.096		0.117	0.784	1.000
12	0.888	0.103		0.127	0.912	1.027
13	0.998	0.110		0.138	1.050	1.052
14	1.115	0.117	0.096	0.149	1.199	1.076
15	1.239	0.124		0.161	1.360	1.098
16	1.370	0.131		0.173	1.533	1.119
17	1.508	0.138		0.185	1.718	1.139
18	1.653	0.145		0.197	1.915	1.158
19	1.804	0.151		0.209	2.124	1.177
20	1.961	0.157		0.222	2.346	1.196
21	2.124	0.163	0.144	0.235	2.581	1.215
22	2.292	0.169		0.248	2.828	1.234
23	2.466	0.174		0.260	3.089	1.252
24	2.645	0.179		0.273	3.362	1.271
25	2.829	0.184		0.286	3.647	1.289
26	3.017	0.188		0.298	3.946	1.308
27	3.208	0.192		0.311	4.256	1.327
28	3.404	0.195	0.183	0.323	4.579	1.345
29	3.603	0.199		0.335	4.914	1.364
30	3.804	0.202		0.347	5.261	1.383
31	4.009	0.204		0.358	5.620	1.402
32	4.215	0.207		0.369	5.989	1.421
33	4.424	0.209		0.380	6.369	1.440
34	4.634	0.210		0.391	6.760	1.459
35	4.846	0.211	0.206	0.401	7.161	1.478
36	5.058	0.212		0.411	7.572	1.497
37	5.271	0.213		0.420	7.991	1.516
38	5.485	0.214		0.429	8.420	1.535
39	5.698	0.214		0.437	8.858	1.554
40	5.912	0.214		0.445	9.303	1.574
41	6.125	0.213		0.453	9.756	1.593
42	6.338	0.212	0.213	0.460	10.217	1.612
43	6.549	0.212		0.467	10.684	1.631
44	6.760	0.211		0.473	11.157	1.651
45	6.969	0.209		0.479	11.636	1.670
46	7.177	0.208		0.485	12.121	1.689
47	7.383	0.206		0.490	12.611	1.708
48	7.587	0.204		0.494	13.105	1.727
49	7.789	0.202	0.207	0.498	13.603	1.746
50	7.989	0.200		0.502	14.106	1.766
51	8.187	0.198		0.506	14.611	1.785
52	8.383	0.196		0.509	15.120	1.804
53	8.576	0.193		0.511	15.631	1.823
54	8.766	0.190		0.513	16.144	1.842
55	8.954	0.188		0.515	16.659	1.861
56	9.139	0.185	0.193	0.517	17.176	1.879
57	9.321	0.182		0.518	17.694	1.898
58	9.501	0.179		0.519	18.213	1.917
59	9.677	0.176		0.519	18.732	1.936
60	9.851	0.173		0.520	19.252	1.954
61	10.021	0.170		0.520	19.771	1.973
62	10.188	0.167		0.519	20.291	1.992
63	10.353	0.164	0.173	0.519	20.809	2.010
64	10.514	0.161		0.518	21.327	2.028
65	10.672	0.158		0.517	21.844	2.047
66	10.827	0.155		0.515	22.359	2.065
67	10.979	0.152		0.514	22.873	2.083
68	11.128	0.149		0.512	23.385	2.101
69	11.274	0.146		0.510	23.895	2.120
70	11.417	0.143	0.152	0.508	24.404	2.138

<sup>1</sup>On-farm body weight (i.e., feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>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	Body weight (lb) <sup>1</sup>	Daily gain (lb)	Av. daily gain/week (lb)	Daily intake (lb)	Cum. intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.094					
1	0.131	0.037			0.026	0.196
2	0.169	0.038		0.034	0.060	0.355
3	0.212	0.043		0.043	0.103	0.485
4	0.261	0.049		0.051	0.154	0.592
5	0.316	0.055		0.060	0.214	0.679
6	0.377	0.061		0.069	0.284	0.752
7	0.445	0.068	0.050	0.078	0.362	0.813
8	0.521	0.075		0.088	0.450	0.864
9	0.603	0.083		0.098	0.548	0.909
10	0.694	0.090		0.108	0.657	0.947
11	0.792	0.098		0.119	0.776	0.980
12	0.897	0.106		0.130	0.906	1.010
13	1.010	0.113		0.142	1.048	1.037
14	1.132	0.121	0.098	0.154	1.202	1.062
15	1.260	0.129		0.166	1.368	1.085
16	1.397	0.136		0.178	1.546	1.107
17	1.541	0.144		0.191	1.738	1.128
18	1.692	0.151		0.204	1.942	1.148
19	1.850	0.158		0.218	2.160	1.167
20	2.016	0.165		0.231	2.391	1.186
21	2.188	0.172	0.151	0.245	2.636	1.205
22	2.366	0.178		0.259	2.894	1.223
23	2.551	0.185		0.272	3.167	1.242
24	2.741	0.190		0.286	3.453	1.260
25	2.937	0.196		0.300	3.752	1.278
26	3.138	0.201		0.313	4.066	1.296
27	3.343	0.206		0.327	4.393	1.314
28	3.553	0.210	0.195	0.340	4.733	1.332
29	3.768	0.214		0.353	5.086	1.350
30	3.986	0.218		0.366	5.453	1.368
31	4.207	0.221		0.379	5.832	1.386
32	4.431	0.224		0.391	6.223	1.404
33	4.658	0.227		0.403	6.627	1.423
34	4.887	0.229		0.415	7.042	1.441
35	5.118	0.231	0.223	0.426	7.468	1.459
36	5.350	0.233		0.437	7.905	1.477
37	5.584	0.234		0.448	8.353	1.496
38	5.819	0.235		0.458	8.811	1.514
39	6.054	0.235		0.467	9.278	1.533
40	6.289	0.235		0.476	9.754	1.551
41	6.525	0.235		0.485	10.239	1.569
42	6.760	0.235	0.235	0.493	10.733	1.588
43	6.995	0.235		0.501	11.234	1.606
44	7.228	0.234		0.508	11.742	1.624
45	7.461	0.233		0.515	12.257	1.643
46	7.693	0.231		0.521	12.779	1.661
47	7.923	0.230		0.527	13.306	1.680
48	8.151	0.228		0.533	13.839	1.698
49	8.377	0.226	0.231	0.538	14.377	1.716
50	8.602	0.224		0.542	14.919	1.734
51	8.824	0.222		0.546	15.465	1.753
52	9.044	0.220		0.550	16.015	1.771
53	9.261	0.217		0.553	16.568	1.789
54	9.476	0.215		0.556	17.124	1.807
55	9.688	0.212		0.558	17.682	1.825
56	9.897	0.209	0.217	0.560	18.242	1.843
57	10.103	0.206		0.562	18.804	1.861
58	10.306	0.203		0.563	19.367	1.879
59	10.506	0.200		0.564	19.931	1.897
60	10.703	0.197		0.564	20.495	1.915
61	10.897	0.194		0.565	21.060	1.933
62	11.087	0.191		0.565	21.625	1.950
63	11.275	0.187	0.197	0.564	22.189	1.968
64	11.459	0.184		0.564	22.752	1.986
65	11.639	0.181		0.563	23.315	2.003
66	11.816	0.177		0.561	23.876	2.021
67	11.990	0.174		0.560	24.436	2.038
68	12.161	0.170		0.558	24.995	2.055
69	12.328	0.167		0.556	25.551	2.073
70	12.492	0.164	0.174	0.554	26.105	2.090

<sup>1</sup>On-farm body weight (i.e., feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>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	Body weight (lb) <sup>1</sup>	Daily gain (lb)	Av. daily gain/week (lb)	Daily intake (lb)	Cum. intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.095					
1	0.131	0.036			0.031	0.235
2	0.170	0.039		0.040	0.071	0.417
3	0.213	0.043		0.048	0.119	0.557
4	0.262	0.049		0.056	0.175	0.666
5	0.317	0.055		0.063	0.238	0.752
6	0.377	0.061		0.071	0.310	0.820
7	0.444	0.067	0.050	0.079	0.389	0.875
8	0.518	0.073		0.088	0.477	0.920
9	0.598	0.080		0.096	0.573	0.958
10	0.685	0.087		0.105	0.678	0.990
11	0.778	0.093		0.115	0.793	1.019
12	0.878	0.100		0.124	0.917	1.044
13	0.985	0.107		0.134	1.052	1.068
14	1.098	0.113	0.093	0.145	1.196	1.089
15	1.218	0.120		0.156	1.352	1.110
16	1.344	0.126		0.167	1.519	1.130
17	1.476	0.132		0.178	1.697	1.150
18	1.614	0.138		0.189	1.886	1.169
19	1.757	0.144		0.201	2.087	1.188
20	1.906	0.149		0.213	2.300	1.207
21	2.060	0.154	0.137	0.225	2.524	1.225
22	2.219	0.159		0.236	2.761	1.244
23	2.382	0.163		0.248	3.009	1.263
24	2.550	0.167		0.260	3.269	1.282
25	2.721	0.171		0.271	3.540	1.301
26	2.895	0.175		0.283	3.823	1.320
27	3.073	0.178		0.294	4.117	1.339
28	3.254	0.181	0.171	0.305	4.422	1.359
29	3.438	0.183		0.316	4.738	1.378
30	3.623	0.186		0.326	5.064	1.398
31	3.811	0.187		0.337	5.401	1.417
32	4.000	0.189		0.347	5.748	1.437
33	4.190	0.190		0.356	6.104	1.457
34	4.381	0.191		0.365	6.469	1.477
35	4.573	0.192	0.188	0.374	6.844	1.496
36	4.766	0.192		0.383	7.227	1.516
37	4.958	0.193		0.391	7.617	1.536
38	5.151	0.192		0.399	8.016	1.556
39	5.343	0.192		0.406	8.422	1.576
40	5.534	0.192		0.413	8.835	1.596
41	5.725	0.191		0.419	9.254	1.616
42	5.915	0.190	0.192	0.425	9.680	1.636
43	6.104	0.189		0.431	10.111	1.657
44	6.291	0.187		0.436	10.547	1.677
45	6.476	0.186		0.441	10.988	1.697
46	6.661	0.184		0.446	11.434	1.717
47	6.843	0.182		0.450	11.884	1.737
48	7.023	0.180		0.454	12.337	1.757
49	7.201	0.178	0.184	0.457	12.794	1.777
50	7.377	0.176		0.460	13.254	1.797
51	7.551	0.174		0.462	13.717	1.817
52	7.722	0.171		0.465	14.181	1.836
53	7.891	0.169		0.467	14.648	1.856
54	8.057	0.166		0.468	15.116	1.876
55	8.221	0.164		0.469	15.585	1.896
56	8.382	0.161	0.169	0.470	16.056	1.916
57	8.540	0.158		0.471	16.527	1.935
58	8.695	0.156		0.471	16.998	1.955
59	8.848	0.153		0.472	17.470	1.974
60	8.998	0.150		0.471	17.941	1.994
61	9.145	0.147		0.471	18.412	2.013
62	9.290	0.144		0.470	18.883	2.033
63	9.431	0.141	0.150	0.470	19.352	2.052
64	9.570	0.139		0.469	19.821	2.071
65	9.705	0.136		0.467	20.288	2.090
66	9.838	0.133		0.466	20.754	2.110
67	9.968	0.130		0.464	21.218	2.129
68	10.096	0.127		0.462	21.681	2.147
69	10.220	0.125		0.460	22.141	2.166
70	10.342	0.122	0.130	0.458	22.599	2.185

<sup>1</sup>On-farm body weight (i.e., feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>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.



*Notes*

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# YP x ROSS 408 BROILER: Performance Objectives

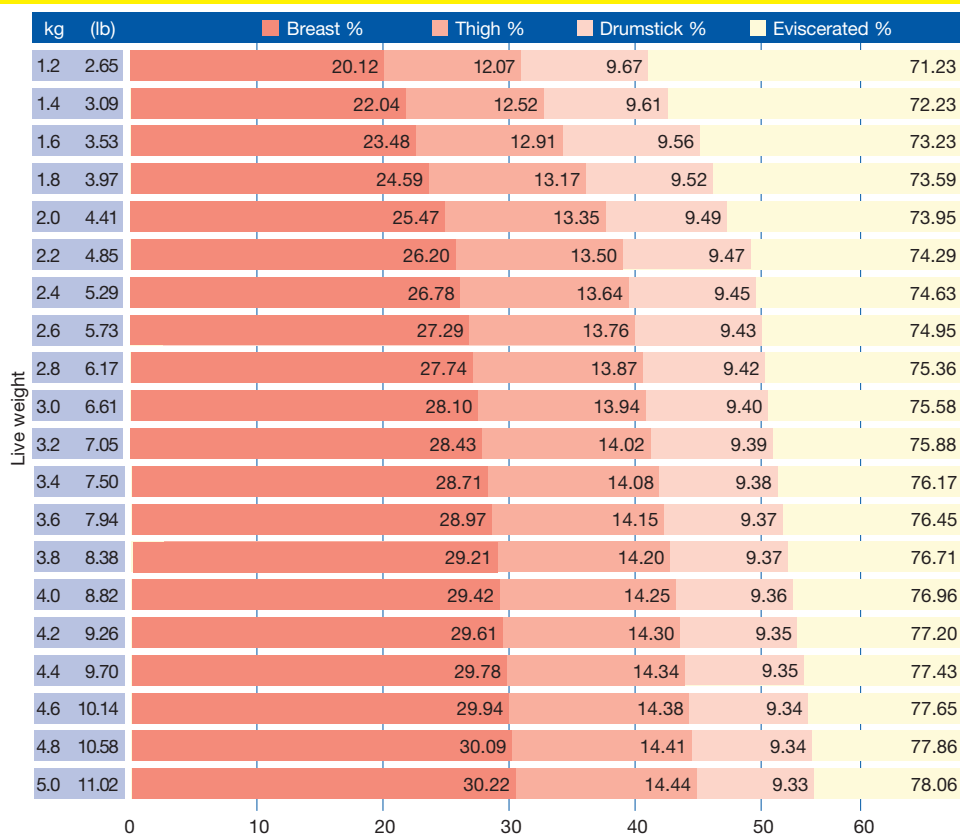
## Carcass Yield

The following diagrams indicate 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.

### Definitions of Terms

<b>Eviscerated %</b>	eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.
<b>Breast %</b>	breast meat (without skin and bone) as a percentage of live weight.
<b>Thigh/Drumstick %</b>	whole thigh/drumstick (with skin and bone) as a percentage of live weight.

### Male - Portion



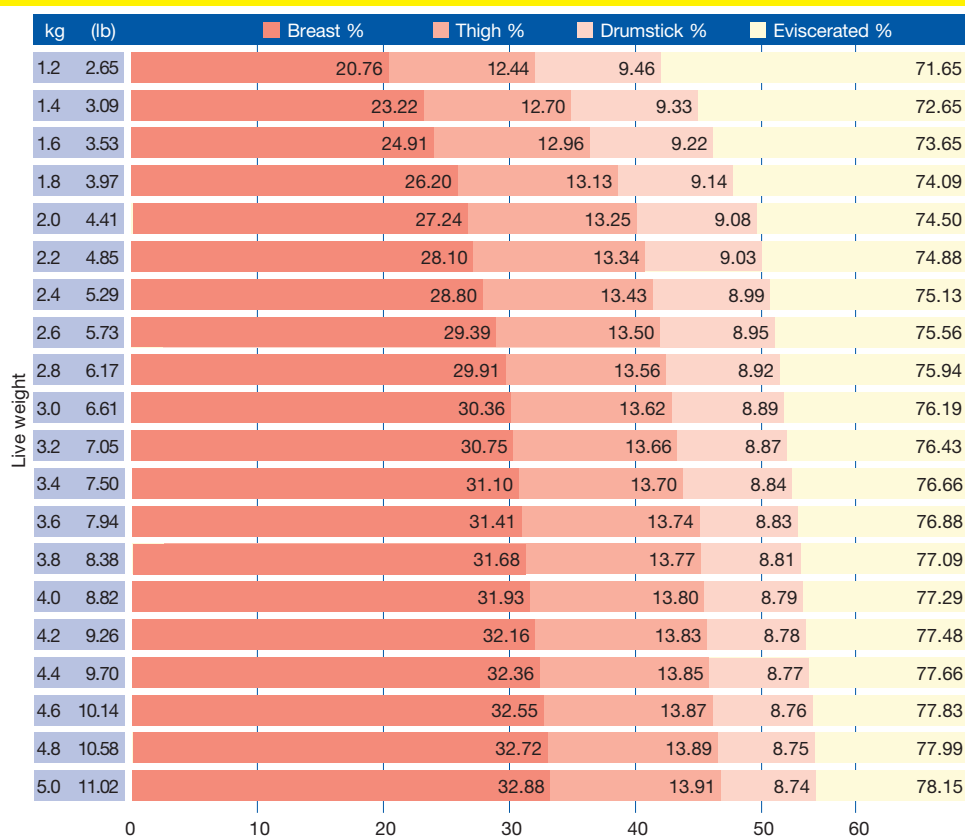
*NOTE: These figures represent dry yield. They do not include any moisture retained during chilling or processing. Carcass component yields will vary among processing plants depending on, for example, type of equipment used and the exact portion(s) being produced.*

# YP x ROSS 408 BROILER: Performance Objectives

## Definitions of Terms

<b>Eviscerated %</b>	eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.
<b>Breast %</b>	breast meat (without skin and bone) as a percentage of live weight.
<b>Thigh/Drumstick %</b>	whole thigh/drumstick (with skin and bone) as a percentage of live weight.

### Female - Portion

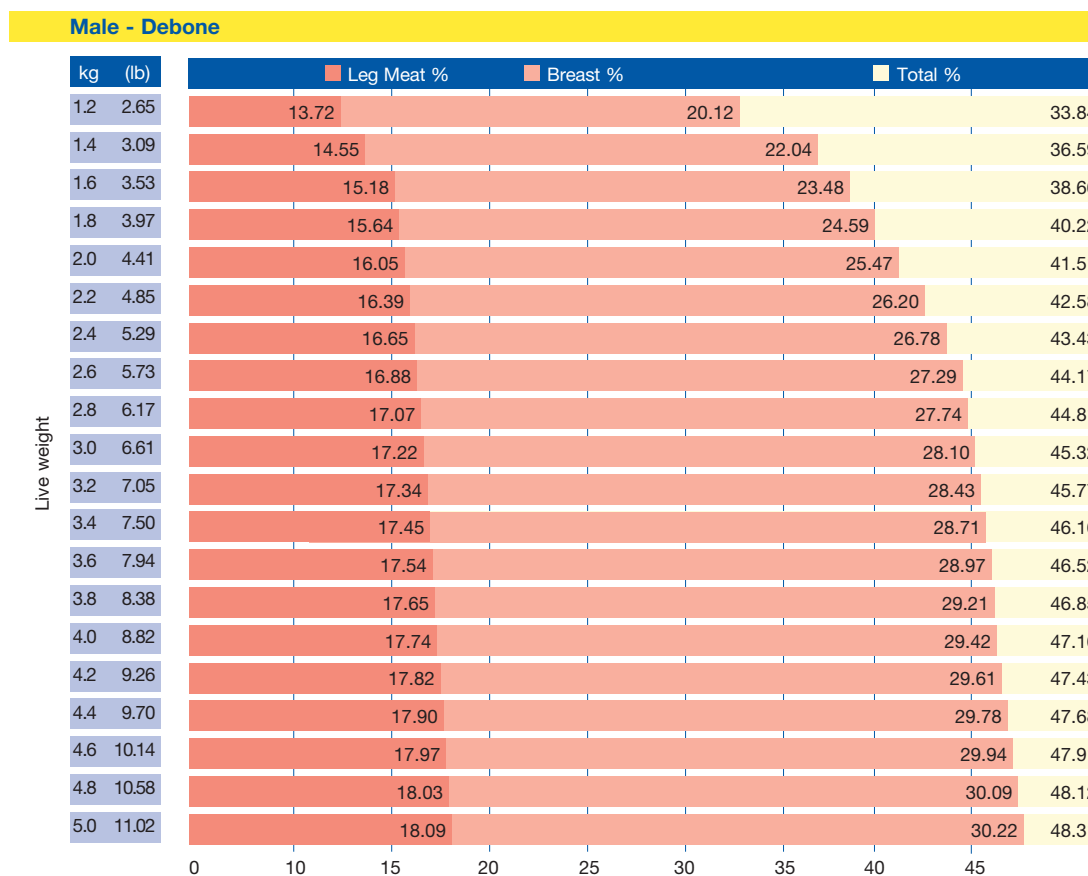


NOTE: These figures represent dry yield. They do not include any moisture retained during chilling or processing. Carcass component yields will vary among processing plants depending on, for example, type of equipment used and the exact portion(s) being produced.

# YP x ROSS 408 BROILER: Performance Objectives

## Definitions of Terms

<b>Breast %</b>	breast meat (without skin and bone) as a percentage of live weight.
<b>Leg Meat %</b>	sum of deboned thigh (without skin) and deboned drumstick (without skin) as a percentage of live weight.
<b>Total %</b>	sum of leg meat and breast meat.



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.

# YP x ROSS 408 BROILER: Performance Objectives

## Definitions of Terms

<b>Breast %</b>	breast meat (without skin and bone) as a percentage of live weight.
<b>Leg Meat %</b>	sum of deboned thigh (without skin) and deboned drumstick (without skin) as a percentage of live weight.
<b>Total %</b>	sum of leg meat and breast meat.

### Female - Debone



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.



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