



MEZINÁRODNÍ TESTOVÁNÍ DRŮBEŽE ÚSTRAŠICE

státní podnik

390 02 Tábor 2

Česká republika

BROILER FEEDING TEST No. 1246

XXXXX

26 August – 14 October 2025

Study Investigator:
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November 2025

Basic tests information

The basic dates

Beginning of the test: 4 August 2025 (setting in the incubator)
26 August 2025 (transfer to the chicken house)

End of the test: 14 October 2025

Material and methods

Material

In total there were 5175 one-day old chicks. There were 4250 chicks of xxxxx and 925 chicks of xxxxx.

Experimental treatments

Treatment No.	Treatment	Genotype	No. of pen	Birds per pen	No. of chick
1	T1	xxxxx	5	80	400
2	T2	xxxxx	5	80	400
3	T3	xxxxx	5	80	400
4	T4	xxxxx	5	80	400
5	T5	xxxxx	5	80	400
6	T6	xxxxx	5	85	425
7	T7	xxxxx	5	90	450
8	T8	xxxxx	5	90	450
9	T9	xxxxx	5	90	450
10	T10	xxxxx	5	90	450
11	T11	xxxxx	5	90	450
12	T12	xxxxx	5	100	500

Origin of hatching eggs:

xxxxx

Housing system

Chickens were kept in the windowless chicken house with full climatic control, on deep litter. Drinking water was supplied ad libitum by nipple drinkers. Each pen was equipped with manually filled tube feeders. Bedding material was wood shaving.

Lighting programme

Day 1 – 7 23 hours of light + 1 hour of darkness
Day 8 – 46 18 hours of light + 6 hours of darkness
Day 47 – 49 23 hours of light + 1 hour of darkness

Veterinary precautions

The chicken house was disinfected by xxxxx before the chick placement. On day 1 and 13 chickens were vaccinated with IB Primer. On the first days old chickens was applied the water solution of permanganate.

Feed

Feed was produced in xxxxx

Day 1 – 10 Starter (BR1)
Day 11 – 21 Grower A (BR2 A)
Day 22 – 35 Grower B (BR2 B)
Day 36 – 49 Finisher (BR3)

Treatment No.	Treatment	Genotype	Starter	Grower A	Grower B	Finisher
1 + 7	T1 + T7	xxxxxx	crumb	pellet	pellet	pellet
2 + 8	T2 + T8	xxxxxx	crumb	crumb	crumb	crumb
3 + 9	T3 + T9	xxxxxx	coarse mash	coarse mash	coarse mash	coarse mash
4 + 10	T4 + T10	xxxxxx	crumb	pellet	pellet	pellet
5 + 11	T5 + T11	xxxxxx	crumb	pellet	pellet	pellet
6 + 12	T6 + T12	xxxxxx	crumb	pellet	pellet	pellet

Diet formulas:

	T1, T2, T5				T3			
Ingredients (%)	BR1	BR2 A	BR2 B	BR3	BR1	BR2 A	BR2 B	BR3
Wheat	40.045	45.381	50.848	55.454	39.869	45.266	51.171	55.727
Soybean extr. meal	32.35	32.70	28.55	24.40	32.25	32.55	28.00	23.90
Corn	17.00	16.00	15.00	15.00	17.00	16.00	15.00	15.00
Soybeans	3.00	-	-	-	3.00	-	-	-
Soybean oil	1.76	1.44	1.20	1.00	1.97	1.65	1.20	1.00
Fish meal	1.50	-	-	-	1.50	-	-	-
MCP	1.18	0.41	0.30	0.28	1.16	0.39	0.28	0.26
Limestone	1.02	1.07	0.99	1.00	1.06	1.11	1.02	1.03
Methionine	0.37	0.34	0.29	0.25	0.37	0.34	0.30	0.25
L-lysine	0.30	0.31	0.29	0.27	0.31	0.32	0.31	0.29
NaCl	0.21	0.25	0.25	0.23	0.21	0.25	0.25	0.23
Sodium sulfate	0.15	0.15	0.15	0.17	0.16	0.16	0.16	0.19
L-threonine	0.10	0.09	0.07	0.05	0.10	0.08	0.07	0.05
Choline chloride	0.040	0.034	0.027	0.041	0.041	0.034	0.029	0.043
Animal Fat	-	1.00	1.21	1.33	-	1.00	1.36	1.48
Premix	0.675	0.525	0.525	0.325	0.700	0.550	0.550	0.350
AMV BR1 0.3 %	0.30	-	-	-	0.30	-	-	-
AMV BR2 0.3 %	-	0.30	0.30	-	-	0.30	0.30	-
AMV BR3 0.2 %	-	-	-	0.20	-	-	-	0.20
Nutritional composition								
Crude protein (g/kg)	223.667	208.493	194.426	180.416	223.108	207.703	192.502	178.617
ME (MJ/kg)	11.821	11.997	12.169	12.351	11.969	12.148	12.318	12.497
Lysine (g/kg)	13.384	12.209	11.109	10.009	13.401	12.215	11.068	9.981
Methionine (g/kg)	3.406	3.058	2.869	2.685	3.397	3.046	2.840	2.658
Met.+Cys. (g/kg)	10.128	9.390	8.608	7.915	10.109	9.366	8.633	7.862
Ca (g/kg)	7.652	6.153	5.589	5.382	8.112	6.611	6.001	5.796
P dig. (g/kg)	5.798	3.992	3.709	3.607	5.803	3.996	3.707	3.606
Na (g/kg)	1.825	1.802	1.798	1.781	1.807	1.783	1.780	1.795

	T4				T6			
Ingredients (%)	BR1	BR2 A	BR2 B	BR3	BR1	BR2 A	BR2 B	BR3
Wheat	39.628	45.963	50.349	55.345	38.828	44.141	49.309	52.391
Soybean extr. meal	33.25	32.85	29.00	24.55	33.45	33.00	29.35	27.00
Corn	17.00	16.00	15.00	15.00	17.00	16.00	15.00	15.00
Soybeans	3.00	-	-	-	3.00	-	-	-
Soybean oil	1.30	1.30	1.20	1.00	2.09	2.48	1.20	1.00
Fish meal	1.50	-	-	-	1.50	-	-	-
MCP	1.17	0.41	0.29	0.28	0.78	0.52	0.39	0.26
Limestone	1.05	1.07	0.99	1.00	1.20	0.89	0.83	0.80
Methionine	0.36	0.34	0.29	0.24	0.38	0.35	0.32	0.31
L-lysine	0.30	0.34	0.31	0.30	0.30	0.31	0.30	0.32
NaCl	0.21	0.25	0.25	0.25	0.21	0.25	0.26	0.24
Sodium sulfate	0.11	0.12	0.11	0.10	0.15	0.11	0.14	0.17
L-threonine	0.11	0.10	0.07	0.05	0.10	0.09	0.07	0.07
Choline chloride	0.037	0.032	0.026	0.040	0.037	0.034	0.026	0.034
Animal Fat	-	0.40	1.29	1.32	-	1.00	1.98	1.88
Premix	0.675	0.525	0.525	0.325	0.675	0.525	0.525	0.325
AMV BR1 0.3 %	0.30	-	-	-	0.30	-	-	-
AMV BR2 0.3 %	-	0.30	0.30	-	-	0.30	0.30	-
AMV BR3 0.2 %	-	-	-	0.20	-	-	-	0.20
Nutritional composition								
Crude protein (g/kg)	227.230	210.003	196.019	181.103	227.310	208.593	196.572	189.454
ME (MJ/kg)	11.675	11.826	12.175	12.349	11.887	12.255	12.320	12.399
Lysine (g/kg)	13.617	12.417	11.317	10.197	13.649	12.255	11.333	10.880
Methionine (g/kg)	3.455	3.076	2.889	2.693	3.455	3.056	2.894	2.797
Met.+Cys. (g/kg)	10.143	9.431	8.646	7.846	10.307	9.465	8.904	8.636
Ca (g/kg)	7.769	6.160	5.582	5.386	7.674	5.680	5.168	4.677
P dig. (g/kg)	5.798	4.002	3.696	3.610	5.005	4.209	3.896	3.603
Na (g/kg)	1.697	1.703	1.670	1.633	1.826	1.672	1.808	1.824

Parameters recorded

Live weight

Live weight was measured on day 1 and 10 (all the birds in each pen were weighed altogether), on day 21, 28 and 42 (all the birds were weighed individually, without fasting) and on day 35 and 49 birds (all the birds were weighed individually, after 12 hours of fasting).

Weight gain

Weight gain per phase and average daily weight gains were calculated for the periods 1 – 10 days, 11 – 21 days, 22 – 28 days, 29 – 35 days, 36 – 42 days, 42 – 49 days and for the overall experiment (1 – 49 days).

Feed conversion ratio

Feed consumption and feed conversion ratio to gain ratio were calculated for the periods 1 – 10 days, 11 – 21 days, 22 – 28 days, 29 – 35 days, 36 – 42 days, 42 – 49 days and for the overall experiment (1 – 49 days). The calculation was included weight of deaths.

Feed consumption

Feed consumption was measured per pen for the feed – starter, grower and finisher.

Mortality

All pens were checked three times a day to see if there were any dead or ill birds. Dead chickens were registered by date and reason of mortality on the day of death. Mortality was recorded for the periods 1 – 10 days, 11 – 21 days, 22 – 28 days, 29 – 35 days, 36 – 42 days, 42 – 49 days and 1 – 49 days.

Carcass analysis

The carcass analysis was done in 5 birds per each pen on day 35 and on day 49.

Results

Tab. No.	1 Hatchability
	2 Performance results:
	2a Body weight
	2b Weight gain
	2c Feed conversion ratio per 1 kg of live weight
	2d Feed consumption
	3 Mortality
	4a Carcass analysis at the age of 35 days
	4b Carcass analysis at the age of 49 days
	5 Statistical analysis of body weight at the age of 49 days
	6 Performance results per pen:
	6a Body weight
	6b Weight gain
	6c Feed conversion ratio per 1 kg of live weight
	6d Feed consumption

Results of incubation and hatching

Tab. No. 1

Treatment	Tr. No.	Fertility	Hatchability		Birds housed	Average weight	
			Set eggs	Fertile eggs		Hatching eggs	Day old chicks
		%	%	%		g	g
T1	1	91.67	71.67	78.18	400	66.56	43.55
T2	2	91.67	71.67	78.18	400	66.56	43.88
T3	3	91.67	71.67	78.18	400	66.56	43.73
T4	4	91.67	71.67	78.18	400	66.56	44.08
T5	5	87.78	71.67	81.65	400	64.33	43.08
T6	6	95.56	84.44	88.37	425	63.25	42.59
T7	7	91.67	71.67	78.18	450	66.56	44.24
T8	8	91.67	71.67	78.18	450	66.56	44.27
T9	9	91.67	71.67	78.18	450	66.56	44.31
T10	10	91.67	71.67	78.18	450	66.56	44.04
T11	11	87.78	71.67	81.65	450	64.33	42.84
T12	12	95.56	84.44	88.37	500	63.25	42.70

Body weight (BW) per phases

Tab. No. 2a

Treat.	Tr. No.	Day 1		Day 10		Day 21		Day 28		Day 35		Day 42		Day 49	
		Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW
			g		g		g		g		g		g		g
T1	1	400	43.55	399	310.12	396	1142.93	393	2011.76	383	2891.44	345	3805.07	331	4494.11
T2	2	400	43.88	394	307.82	393	1125.80	392	1966.58	383	2777.68	352	3648.98	347	4347.90
T3	3	400	43.73	399	220.30	397	897.81	396	1654.95	392	2547.76	363	3489.17	359	4283.40
T4	4	400	44.08	400	309.48	400	1126.23	397	1981.34	392	2837.76	359	3779.47	345	4516.93
T5	5	400	43.08	397	304.74	395	1139.49	392	2000.89	376	2782.66	346	3675.78	332	4356.36
T6	6	425	42.59	423	306.00	420	1182.19	419	2006.09	410	2825.24	380	3766.34	370	4487.57
T7	7	450	44.24	445	297.67	444	1063.38	439	1794.99	437	2479.54	407	3240.84	405	3779.09
T8	8	450	44.27	448	296.17	445	1039.91	444	1754.08	440	2467.23	414	3179.49	414	3731.01
T9	9	450	44.31	447	201.03	442	851.99	441	1502.29	437	2181.58	408	2933.53	406	3533.13
T10	10	450	44.04	449	291.91	448	1022.70	448	1739.71	447	2453.51	421	3184.51	415	3733.04
T11	11	450	42.84	437	278.49	433	994.04	432	1711.94	432	2368.59	405	3090.79	401	3662.49
T12	12	500	42.70	500	293.88	499	1047.84	499	1752.69	499	2451.46	471	3188.85	470	3755.79

Weight gain (WG) and daily weight gain (DWG) per phases

Tab. No. 2b

Treat.	Tr. No.	Day 1 - 10		Day 11 - 21		Day 22 - 28		Day 29 - 35		Day 36 - 42		Day 43 - 49		Day 1 - 49	
		WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG
		g	g	g	g	g	g	g	g	g	g	g	g	g	g
T1	1	266.57	26.66	832.80	75.71	868.83	124.12	879.68	125.67	913.64	130.52	689.04	98.43	4450.56	90.83
T2	2	263.95	26.39	817.98	74.36	840.78	120.11	811.09	115.87	871.30	124.47	698.92	99.85	4304.02	87.84
T3	3	176.58	17.66	677.51	61.59	757.14	108.16	892.81	127.54	941.42	134.49	794.22	113.46	4239.67	86.52
T4	4	265.40	26.54	816.75	74.25	855.11	122.16	856.42	122.35	941.72	134.53	737.46	105.35	4472.85	91.28
T5	5	261.66	26.17	834.75	75.89	861.40	123.06	781.77	111.68	893.12	127.59	680.58	97.23	4313.28	88.03
T6	6	263.41	26.34	876.19	79.65	823.90	117.70	819.16	117.02	941.10	134.44	721.23	103.03	4444.98	90.71
T7	7	253.42	25.34	765.71	69.61	731.61	104.52	684.55	97.79	761.29	108.76	538.25	76.89	3734.84	76.22
T8	8	251.90	25.19	743.74	67.61	714.17	102.02	713.15	101.88	712.27	101.75	551.52	78.79	3686.75	75.24
T9	9	156.72	15.67	650.96	59.18	650.30	92.90	679.29	97.04	751.95	107.42	599.60	85.66	3488.82	71.20
T10	10	247.87	24.79	730.79	66.44	717.01	102.43	713.80	101.97	731.00	104.43	548.52	78.36	3688.99	75.29
T11	11	235.65	23.56	715.55	65.05	717.90	102.56	656.64	93.81	722.20	103.17	571.70	81.67	3619.65	73.87
T12	12	251.18	25.12	753.96	68.54	704.85	100.69	698.78	99.83	737.39	105.34	566.93	80.99	3713.09	75.78

Feed conversion ratio (Feed consumption per 1 kg of live weight)**Tab. No. 2c**

Treatment	Tr. No.	Feed conversion ratio					
		Day 10	Day 21	Day 28	Day 35	Day 42	Day 49
		g/kg LW	g/kg LW	g/kg LW	g/kg LW	g/kg LW	g/kg LW
T1	1	1101.10	1338.16	1349.51	1481.92	1633.35	1809.67
T2	2	1082.87	1331.33	1363.42	1513.04	1677.86	1873.35
T3	3	1512.52	1434.37	1488.32	1583.93	1729.79	1880.31
T4	4	1092.17	1337.21	1363.35	1509.14	1649.99	1812.09
T5	5	1119.95	1313.90	1318.24	1481.18	1629.74	1820.16
T6	6	1015.69	1247.16	1305.54	1473.20	1605.31	1801.76
T7	7	1030.34	1281.31	1343.76	1499.73	1650.33	1883.05
T8	8	1024.32	1306.72	1381.79	1521.15	1700.37	1926.63
T9	9	1392.62	1391.14	1469.16	1596.69	1714.16	1913.79
T10	10	1033.34	1369.16	1406.46	1547.55	1710.66	1932.53
T11	11	1095.83	1346.66	1364.46	1530.82	1676.67	1886.26
T12	12	967.06	1251.45	1303.36	1476.24	1620.73	1835.66

Feed consumption per phases

Tab. No. 2d

Treat.	Tr. No.	Feed consumption						
		Starter (1-10 days)	Grower (11-21 days)	Grower (22-28 days)	Grower (29-35 days)	Grower (36-42 days)	Finisher (43-49 days)	Total
		kg	kg	kg	kg	kg	kg	kg
T1	1	136.50	471.60	468.50	603.40	570.20	664.10	2914.30
T2	2	132.80	458.30	463.00	588.40	578.80	711.90	2933.20
T3	3	133.10	379.10	465.20	619.30	629.30	735.80	2961.80
T4	4	135.20	467.20	476.50	622.60	602.80	681.80	2986.10
T5	5	136.00	457.40	448.60	568.20	553.10	669.20	2832.50
T6	6	131.80	490.20	480.30	639.30	616.10	774.10	3131.80
T7	7	137.20	468.90	462.60	572.80	577.50	726.50	2945.50
T8	8	136.40	469.80	472.40	585.40	592.00	740.10	2996.10
T9	9	125.70	399.60	450.60	560.70	546.00	705.00	2787.60
T10	10	135.70	492.70	468.90	604.30	601.30	743.80	3046.70
T11	11	134.20	448.80	432.00	558.00	539.60	697.30	2809.90
T12	12	142.10	513.30	485.60	666.10	641.00	815.70	3263.80

Mortality

Tab. No. 3

Treatment	Tr. No.	Mortality in the period															Mortality according causes														
		Day 1-10		Day 11-21		Day 22-28		Day 29-35		Day 36-42		Day 43-49		Day 1-49			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		birds	g	birds	g	birds	g	birds	g	birds	g	birds	g	birds	g	%															
T1	1	1	227	3	1603	3	5322	10	19094	13	38662	14	57944	44	122852	11.00										6	37			1	
T2	2	6	1356	1	195	1	680	9	19483	6	17734	5	17587	28	57035	7.00										6	20			2	
T3	3	1	99	2	562	1	691	4	7993	4	10950	4	17128	16	37423	4.00										5	10			1	
T4	4	0	0	0	0	3	4771	5	10290	8	24663	14	49816	30	89540	7.50										6	23			1	
T5	5	3	453	2	1079	3	4565	16	34729	5	14740	14	54304	43	109870	10.75										9	31		1	2	
T6	6	2	326	3	1889	1	1560	9	20065	5	13641	10	40306	30	77787	7.06										6	22		1	1	
T7	7	5	698	1	194	5	6414	2	3667	5	14590	2	8124	20	33687	4.44										8	10		2		
T8	8	2	477	3	674	1	621	4	6560	1	2130	0	0	11	10462	2.44										3	6			2	
T9	9	3	402	5	621	1	724	4	7269	4	9044	2	4075	19	22135	4.22										5	6			8	
T10	10	1	253	1	543	0	0	1	2030	1	2700	6	21800	10	27326	2.22										3	6			1	
T11	11	13	763	4	1741	1	1821	0	0	2	3900	4	12786	24	21011	5.33											9		10	5	
T12	12	0	0	1	841	0	0	0	0	3	7703	1	4230	5	12774	1.00											5				

Causes: 1 – Viral diseases
2 – Bacterial diseases
3 – Moulds diseases
4 – Parasitary diseases
5 – Tumors

6 – Wounds
7 – Digestive track diseases
8 – Respiratory tract diseases
9 – Reproduction tract diseases
10 – Locomotion apparatus diseases

11 – Sudden death syndrome
12 – Cannibalism
13 – Yolk sac. infam.
14 – Culling and other causes
15 – Sampling (excluded of calculation)

Results of carcass analysis at the age of 35 days

Tab. No. 4a

Treatment	Tr. No.	Sex	Weight				Ratio of abd. fat to live weight	Breast muscles without skin			Thigh muscles with skin			Total muscles			Carcass	
			Total	Body	Gibl.	Abd. fat		Weight	Percentage		Weight	Percentage		Weight	Percentage		Value	Yield
									Total weight	Body carcass		Total weight	Body carcass		Total weight	Body carcass		
g	g	g	g	%	g	%	%	g	%	%	g	%	%	%	%			
T1	1	♂	2910	2100	166	36	1.24	739	25.40	35.21	614	21.08	29.22	1353	46.49	64.43	72.15	77.86
T2	2	♂	2796	1999	161	33	1.19	708	25.32	35.42	579	20.71	28.98	1287	46.03	64.40	71.48	77.23
T3	3	♂	2555	1782	165	33	1.30	588	22.99	32.97	544	21.31	30.55	1132	44.30	63.52	69.74	76.22
T4	4	♂	2865	2047	165	34	1.19	716	24.98	34.96	604	21.07	29.49	1319	46.05	64.45	71.45	77.22
T5	5	♂	2848	2039	160	35	1.23	718	25.22	35.22	586	20.60	28.76	1305	45.81	63.98	71.61	77.23
T6	6	♂	2862	2040	157	35	1.23	707	24.71	34.67	609	21.27	29.85	1316	45.98	64.52	71.27	76.76
T7	7	♀	2500	1796	140	41	1.62	644	25.75	35.83	504	20.17	28.06	1148	45.91	63.89	71.87	77.46
T8	8	♀	2479	1787	142	39	1.56	647	26.10	36.21	509	20.52	28.46	1156	46.62	64.67	72.09	77.83
T9	9	♀	2188	1566	136	40	1.85	530	24.22	33.86	472	21.56	30.13	1002	45.79	63.99	71.55	77.76
T10	10	♀	2434	1770	142	41	1.67	637	26.19	36.00	515	21.17	29.11	1153	47.36	65.11	72.74	78.59
T11	11	♀	2400	1731	137	39	1.64	619	25.79	35.75	497	20.73	28.73	1116	46.52	64.48	72.15	77.88
T12	12	♀	2485	1805	141	40	1.61	639	25.71	35.40	540	21.72	29.91	1179	47.43	65.31	72.62	78.29

Results of carcass analysis at the age of 49 days

Tab. No. 4b

Treatment	Tr. No.	Sex	Weight				Ratio of abd. fat to live weight	Breast muscles without skin			Thigh muscles with skin			Total muscles			Carcass	
			Total	Body	Gibl.	Abd. fat		Weight	Percentage		Weight	Percentage		Weight	Percentage		Value	Yield
									Total weight	Body carcass		Total weight	Body carcass		Total weight	Body carcass		
g	g	g	g	%	g	%	%	g	%	%	g	%	%	%	%			
T1	1	♂	4552	3431	232	67	1.47	1276	28.02	37.18	986	21.65	28.73	2261	49.67	65.91	75.37	80.46
T2	2	♂	4366	3312	222	52	1.19	1211	27.74	36.56	986	22.58	29.76	2197	50.31	66.33	75.85	80.94
T3	3	♂	4287	3204	239	61	1.42	1126	26.26	35.13	966	22.52	30.14	2091	48.78	65.26	74.75	80.32
T4	4	♂	4468	3393	231	59	1.32	1233	27.59	36.33	1000	22.39	29.48	2233	49.98	65.81	75.94	81.11
T5	5	♂	4432	3340	225	73	1.65	1207	27.24	36.14	990	22.33	29.63	2197	49.57	65.77	75.36	80.45
T6	6	♂	4516	3378	230	66	1.46	1175	26.03	34.79	1038	22.99	30.74	2213	49.01	65.53	74.80	79.89
T7	7	♀	3808	2875	195	82	2.15	1058	27.78	36.80	811	21.29	28.21	1869	49.07	65.00	75.50	80.61
T8	8	♀	3718	2802	189	69	1.87	1054	28.35	37.62	788	21.19	28.12	1842	49.54	65.74	75.36	80.45
T9	9	♀	3555	2651	201	79	2.21	963	27.09	36.32	772	21.72	29.12	1735	48.81	65.44	74.59	80.25
T10	10	♀	3724	2818	192	66	1.79	1057	28.39	37.52	790	21.22	28.05	1848	49.61	65.57	75.67	80.83
T11	11	♀	3671	2766	184	84	2.29	1016	27.66	36.72	784	21.35	28.33	1799	49.01	65.05	75.35	80.36
T12	12	♀	3706	2780	186	73	1.98	1013	27.35	36.45	805	21.74	28.97	1819	49.08	65.42	75.03	80.05

Statistical analysis - Body weight at 49 days of age

Tab. No. 5

Treatment	Tr. No.	Sex	Number of birds	Average body weight	Standard deviation	Coefficient of variation
				g/birds	g/birds	%
T1	1	♂	331	4494.11	585.56	13.03
T2	2	♂	347	4347.90	549.87	12.65
T3	3	♂	359	4283.40	466.45	10.89
T4	4	♂	345	4516.93	467.98	10.36
T5	5	♂	332	4356.36	517.82	11.89
T6	6	♂	370	4487.57	459.79	10.25
T7	7	♀	405	3779.09	404.43	10.70
T8	8	♀	414	3731.01	326.33	8.75
T9	9	♀	406	3533.13	358.81	10.16
T10	10	♀	415	3733.04	384.53	10.30
T11	11	♀	401	3662.49	331.06	9.04
T12	12	♀	470	3755.79	348.18	9.27

Body weight (BW) per pen

Tab. No. 2a (page 1)

Treat.	Tr. No.	Box No.	Day 1		Day 10		Day 21		Day 28		Day 35		Day 42		Day 49	
			Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW
				g		g		g		g		g		g		g
T1	1	1	80	44.25	80	313.75	80	1088.00	78	1882.69	75	2807.73	68	3801.32	65	4409.69
		13	80	42.88	80	312.50	78	1163.46	78	2044.23	75	2885.33	66	3722.88	61	4343.93
		25	80	43.63	79	309.87	79	1137.97	79	2011.65	78	2916.92	69	3855.65	67	4722.84
		42	80	44.00	80	308.25	80	1152.38	79	2087.22	78	2882.69	73	3748.22	71	4478.73
		54	80	43.00	80	306.25	79	1173.67	79	2031.77	77	2961.95	69	3896.96	67	4500.30
T2	2	2	80	44.13	79	316.46	79	1130.25	78	1948.85	73	2827.95	68	3644.26	67	4401.19
		14	80	43.13	76	301.40	76	1129.74	76	1962.89	76	2722.50	68	3599.41	67	4320.45
		26	80	44.13	80	304.38	79	1111.14	79	1933.04	77	2747.66	70	3578.29	70	4273.86
		41	80	44.75	79	310.38	79	1140.38	79	2085.19	78	2821.03	73	3738.90	71	4413.52
		53	80	43.25	80	306.50	80	1117.75	80	1903.38	79	2770.76	73	3677.40	72	4331.11
T3	3	3	80	43.88	80	208.75	80	928.25	80	1626.63	80	2532.25	75	3448.40	73	4449.04
		15	80	43.13	80	223.75	80	818.25	80	1589.00	80	2435.13	74	3412.97	73	4186.16
		27	80	43.63	79	230.13	78	893.46	78	1694.62	76	2624.34	70	3440.57	69	4303.91
		40	80	44.13	80	210.00	80	910.75	80	1696.25	79	2567.09	73	3526.85	73	4247.26
		52	80	43.88	80	228.88	79	938.73	78	1669.62	77	2585.45	71	3620.85	71	4230.28
T4	4	4	80	44.38	80	309.38	80	1074.75	80	1896.00	79	2783.42	74	3711.22	73	4564.66
		16	80	43.13	80	312.50	80	1128.88	80	2010.00	79	2818.61	70	3752.43	64	4513.44
		28	80	44.63	80	307.50	80	1147.75	79	1986.58	77	2896.23	70	3745.71	67	4426.42
		39	80	44.25	80	308.63	80	1147.88	79	2064.18	78	2845.38	72	3853.47	68	4576.91
		51	80	44.00	80	309.38	80	1131.88	79	1950.63	79	2846.71	73	3833.97	73	4499.45

Body weight (BW) per pen

Tab. No. 2a (page 2)

Treat.	Tr. No.	Box No.	Day 1		Day 10		Day 21		Day 28		Day 35		Day 42		Day 49	
			Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW
				g		g		g		g		g		g		g
T5	5	5	80	42.63	80	302.50	80	1182.63	80	1926.13	77	2828.83	72	3602.36	70	4385.86
		17	80	43.25	78	308.33	78	1144.49	78	2043.59	75	2800.53	67	3794.18	65	4436.15
		29	80	43.13	80	305.25	80	1128.88	78	1947.82	74	2729.59	68	3611.03	64	4189.69
		38	80	43.13	80	298.75	79	1106.84	78	1969.36	75	2740.53	69	3661.01	65	4369.23
		50	80	43.25	79	308.86	78	1134.23	78	2119.49	75	2811.87	70	3715.43	68	4394.26
T6	6	6	85	41.76	84	305.95	84	1138.33	84	1933.81	83	2798.80	77	3680.13	72	4352.36
		18	85	43.06	85	303.53	84	1184.88	84	2042.14	81	2837.78	73	3809.73	70	4567.00
		30	85	42.24	84	314.05	84	1193.45	83	1841.93	82	2820.24	77	3713.51	75	4440.80
		37	85	42.94	85	297.65	83	1210.00	83	2096.63	81	2787.04	76	3809.47	76	4548.68
		49	85	42.94	85	308.82	85	1184.59	85	2113.76	83	2881.69	77	3821.69	77	4527.01
T7	7	7	90	44.33	89	303.37	89	1173.60	88	1830.00	87	2552.64	81	3192.47	81	3867.90
		19	90	43.89	89	296.11	89	1033.93	87	1801.49	86	2478.60	79	3346.96	79	3892.28
		36	90	44.56	90	300.00	90	1033.22	89	1787.19	89	2474.16	84	3229.52	83	3766.39
		48	90	44.67	90	296.67	89	1003.82	89	1785.28	89	2481.57	84	3175.24	84	3798.45
		60	90	43.78	87	292.18	87	1072.87	86	1770.70	86	2410.00	79	3266.08	78	3564.87
T8	8	8	90	44.33	89	304.49	88	1050.91	88	1782.73	85	2490.82	80	3268.75	80	3848.63
		20	90	43.78	90	294.44	90	1034.78	90	1768.33	90	2420.56	85	3189.76	85	3737.29
		35	90	44.44	90	293.22	90	1005.56	89	1707.64	88	2504.32	83	3295.06	83	3764.82
		47	90	44.67	90	296.56	88	1026.02	88	1736.82	88	2469.09	82	2909.39	82	3782.80
		59	90	44.11	89	292.13	89	1082.70	89	1774.83	89	2453.37	84	3233.57	84	3528.69

Body weight (BW) per pen

Tab. No. 2a (page 3)

Treat.	Tr. No.	Box No.	Day 1		Day 10		Day 21		Day 28		Day 35		Day 42		Day 49	
			Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW	Birds	BW
				g		g		g		g		g		g		g
T9	9	9	90	44.11	89	201.12	89	937.75	89	1490.79	89	2271.35	84	2959.05	84	3517.14
		21	90	44.00	90	213.33	90	790.78	90	1437.56	90	2111.44	85	2813.88	85	3516.35
		34	90	44.67	90	177.22	87	821.38	87	1482.30	87	2233.91	81	2998.15	80	3602.75
		46	90	44.67	90	197.78	89	849.10	89	1662.92	86	2202.44	81	2938.15	80	3654.13
		58	90	44.11	88	215.68	87	861.15	86	1435.93	85	2087.18	77	2964.94	77	3371.04
T10	10	10	90	44.11	90	293.89	90	1122.44	90	1743.56	90	2484.00	85	3170.47	83	3904.22
		22	90	43.89	89	291.01	88	1003.30	88	1714.43	88	2429.77	83	3112.29	82	3897.32
		33	90	44.44	90	294.44	90	986.78	90	1738.00	89	2525.73	84	3340.60	84	3789.64
		45	90	44.00	90	282.44	90	945.22	90	1768.44	90	2338.33	85	3076.47	84	3546.19
		57	90	43.78	90	297.78	90	1055.33	90	1733.56	90	2490.00	84	3223.33	82	3528.90
T11	11	11	90	42.78	84	282.62	84	980.95	84	1681.67	84	2364.52	78	3092.31	78	3758.08
		23	90	43.56	88	212.84	86	994.07	86	1674.30	86	2406.05	81	3041.11	81	3715.56
		32	90	42.89	88	300.00	88	959.32	87	1676.78	87	2329.20	82	3132.68	81	3688.64
		44	90	42.67	88	303.75	87	989.89	87	1814.14	87	2337.59	82	3030.00	82	3615.73
		56	90	42.33	89	293.26	88	1045.34	88	1711.36	88	2405.45	82	3157.32	79	3535.44
T12	12	12	100	42.10	100	297.00	100	1051.90	100	1828.80	100	2498.70	95	3290.21	94	3855.96
		24	100	42.70	100	290.00	100	1030.90	100	1714.10	100	2407.00	94	3099.68	94	3733.40
		31	100	43.20	100	297.00	99	1026.57	99	1717.27	99	2456.16	94	3070.85	94	3694.15
		43	100	42.70	100	294.00	100	1050.10	100	1753.90	100	2455.10	94	3170.96	94	3751.49
		55	100	42.80	100	291.40	100	1079.50	100	1749.00	100	2440.40	94	3311.49	94	3743.94

Weight gain (WG) and daily weight gain (DWG) per pen

Tab. No. 2b (page 1)

Treat.	Tr. No.	Box No.	Day 1 - 10		Day 11 - 21		Day 22 - 28		Day 29 - 35		Day 36 - 42		Day 43 - 49		Day 1 - 49	
			WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG
			g	g	g	g	g	g	g	g	g	g	g	g	g	g
T1	1	1	269.50	26.95	774.25	70.39	794.69	113.53	925.04	132.15	993.59	141.94	608.37	86.91	4365.44	89.09
		13	269.63	26.96	850.96	77.36	880.77	125.82	841.10	120.16	837.55	119.65	621.06	88.72	4301.06	87.78
		25	266.25	26.62	828.10	75.28	873.67	124.81	905.28	129.33	938.73	134.10	867.18	123.88	4679.21	95.49
		42	264.25	26.43	844.13	76.74	934.84	133.55	795.48	113.64	865.53	123.65	730.51	104.36	4434.73	90.50
		54	263.25	26.33	867.42	78.86	858.10	122.59	930.18	132.88	935.01	133.57	603.34	86.19	4457.30	90.97
T2	2	2	272.33	27.23	813.80	73.98	818.59	116.94	879.10	125.59	816.32	116.62	756.93	108.13	4357.07	88.92
		14	258.27	25.83	828.34	75.30	833.16	119.02	759.61	108.52	876.91	125.27	721.04	103.01	4277.32	87.29
		26	260.25	26.03	806.76	73.34	821.90	117.41	814.62	116.37	830.62	118.66	695.57	99.37	4229.73	86.32
		41	265.63	26.56	830.00	75.45	944.81	134.97	735.84	105.12	917.88	131.13	674.62	96.37	4368.77	89.16
		53	263.25	26.33	811.25	73.75	785.63	112.23	867.38	123.91	906.64	129.52	653.71	93.39	4287.86	87.51
T3	3	3	164.88	16.49	719.50	65.41	698.38	99.77	905.63	129.38	916.15	130.88	1000.64	142.95	4405.17	89.90
		15	180.63	18.06	594.50	54.05	770.75	110.11	846.13	120.88	977.85	139.69	773.19	110.46	4143.04	84.55
		27	186.50	18.65	663.33	60.30	801.15	114.45	929.73	132.82	816.23	116.60	863.34	123.33	4260.29	86.94
		40	165.88	16.59	700.75	63.70	785.50	112.21	870.84	124.41	959.76	137.11	720.41	102.92	4203.14	85.78
		52	185.00	18.50	709.86	64.53	730.88	104.41	915.84	130.83	1035.39	147.91	609.44	87.06	4186.41	85.44
T4	4	4	265.00	26.50	765.38	69.58	821.25	117.32	887.42	126.77	927.80	132.54	853.44	121.92	4520.28	92.25
		16	269.38	26.94	816.38	74.22	881.13	125.88	808.61	115.52	933.82	133.40	761.01	108.72	4470.31	91.23
		28	262.88	26.29	840.25	76.39	838.83	119.83	909.65	129.95	849.48	121.35	680.70	97.24	4381.79	89.42
		39	264.38	26.44	839.25	76.30	916.30	130.90	781.21	111.60	1008.09	144.01	723.44	103.35	4532.66	92.50
		51	265.38	26.54	822.50	74.77	818.76	116.97	896.08	128.01	987.26	141.04	665.48	95.07	4455.45	90.93

Weight gain (WG) and daily weight gain (DWG) per pen

Tab. No. 2b (page 2)

Treat.	Tr. No.	Box No.	Day 1 - 10		Day 11 - 21		Day 22 - 28		Day 29 - 35		Day 36 - 42		Day 43 - 49		Day 1 - 49	
			WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG
			g	g	g	g	g	g	g	g	g	g	g	g	g	g
T5	5	5	259.88	25.99	880.13	80.01	743.50	106.21	902.71	128.96	773.53	110.50	783.50	111.93	4343.23	88.64
		17	265.08	26.51	836.15	76.01	899.10	128.44	756.94	108.13	993.65	141.95	641.97	91.71	4392.90	89.65
		29	262.13	26.21	823.63	74.88	818.95	116.99	781.77	111.68	881.43	125.92	578.66	82.67	4146.56	84.62
		38	255.63	25.56	808.09	73.46	862.52	123.22	771.17	110.17	920.48	131.50	708.22	101.17	4326.11	88.29
		50	265.61	26.56	825.37	75.03	985.26	140.75	692.38	98.91	903.56	129.08	678.84	96.98	4351.01	88.80
T6	6	6	264.19	26.42	832.38	75.67	795.48	113.64	864.99	123.57	881.33	125.90	672.23	96.03	4310.60	87.97
		18	260.47	26.05	881.35	80.12	857.26	122.47	795.63	113.66	971.95	138.85	757.27	108.18	4523.94	92.33
		30	271.81	27.18	879.40	79.95	648.48	92.64	978.32	139.76	893.26	127.61	727.29	103.90	4398.56	89.77
		37	254.71	25.47	912.35	82.94	886.63	126.66	690.41	98.63	1022.44	146.06	739.21	105.60	4505.74	91.95
		49	265.88	26.59	875.76	79.61	929.18	132.74	767.92	109.70	940.00	134.29	705.32	100.76	4484.07	91.51
T7	7	7	259.04	25.90	870.22	79.11	656.40	93.77	722.64	103.23	639.83	91.40	675.43	96.49	3823.57	78.03
		19	252.22	25.22	737.82	67.07	767.56	109.65	677.11	96.73	868.36	124.05	545.32	77.90	3848.39	78.54
		36	255.44	25.54	733.22	66.66	753.97	107.71	686.97	98.14	755.37	107.91	536.86	76.69	3721.83	75.96
		48	252.00	25.20	707.15	64.29	781.46	111.64	696.29	99.47	693.67	99.10	623.21	89.03	3753.79	76.61
		60	248.41	24.84	780.69	70.97	697.82	99.69	639.30	91.33	856.08	122.30	298.80	42.69	3521.09	71.86
T8	8	8	260.16	26.02	746.41	67.86	731.82	104.55	708.10	101.16	777.93	111.13	579.88	82.84	3804.29	77.64
		20	250.67	25.07	740.33	67.30	733.56	104.79	652.22	93.17	769.21	109.89	547.53	78.22	3693.52	75.38
		35	248.78	24.88	712.33	64.76	702.08	100.30	796.68	113.81	790.74	112.96	469.76	67.11	3720.37	75.93
		47	251.89	25.19	729.47	66.32	710.80	101.54	732.27	104.61	440.30	62.90	873.41	124.77	3738.14	76.29
		59	248.02	24.80	790.56	71.87	692.13	98.88	678.54	96.93	780.20	111.46	295.12	42.16	3484.58	71.11

Weight gain (WG) and daily weight gain (DWG) per pen

Tab. No. 2b (page 3)

Treat.	Tr. No.	Box No.	Day 1 - 10		Day 11 - 21		Day 22 - 28		Day 29 - 35		Day 36 - 42		Day 43 - 49		Day 1 - 49	
			WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG	WG	DWG
			g	g	g	g	g	g	g	g	g	g	g	g	g	g
T9	9	9	157.01	15.70	736.63	66.97	553.03	79.00	780.56	111.51	687.70	98.24	558.10	79.73	3473.03	70.88
		21	169.33	16.93	577.44	52.49	646.78	92.40	673.89	96.27	702.44	100.35	702.47	100.35	3472.35	70.86
		34	132.56	13.26	644.16	58.56	660.92	94.42	751.61	107.37	764.24	109.18	604.60	86.37	3558.08	72.61
		46	153.11	15.31	651.32	59.21	813.82	116.26	539.52	77.07	735.71	105.10	715.98	102.28	3609.46	73.66
		58	171.57	17.16	645.47	58.68	574.78	82.11	651.25	93.04	877.76	125.39	406.10	58.01	3326.93	67.90
T10	10	10	249.78	24.98	828.56	75.32	621.11	88.73	740.44	105.78	686.47	98.07	733.75	104.82	3860.11	78.78
		22	247.12	24.71	712.28	64.75	711.14	101.59	715.34	102.19	682.52	97.50	785.03	112.15	3853.43	78.64
		33	250.00	25.00	692.33	62.94	751.22	107.32	787.73	112.53	814.86	116.41	449.05	64.15	3745.20	76.43
		45	238.44	23.84	662.78	60.25	823.22	117.60	569.89	81.41	738.14	105.45	469.72	67.10	3502.19	71.47
		57	254.00	25.40	757.56	68.87	678.22	96.89	756.44	108.06	733.33	104.76	305.57	43.65	3485.12	71.12
T11	11	11	239.84	23.98	698.33	63.48	700.71	100.10	682.86	97.55	727.78	103.97	665.77	95.11	3715.30	75.82
		23	169.29	16.93	781.23	71.02	680.23	97.18	731.74	104.53	635.06	90.72	674.44	96.35	3672.00	74.94
		32	257.11	25.71	659.32	59.94	717.46	102.49	652.41	93.20	803.49	114.78	555.96	79.42	3645.75	74.40
		44	261.08	26.11	686.14	62.38	824.25	117.75	523.45	74.78	692.41	98.92	585.73	83.68	3573.07	72.92
		56	250.93	25.09	752.08	68.37	666.02	95.15	694.09	99.16	751.86	107.41	378.13	54.02	3493.11	71.29
T12	12	12	254.90	25.49	754.90	68.63	776.90	110.99	669.90	95.70	791.51	113.07	565.75	80.82	3813.86	77.83
		24	247.30	24.73	740.90	67.35	683.20	97.60	692.90	98.99	692.68	98.95	633.72	90.53	3690.70	75.32
		31	253.80	25.38	729.57	66.32	690.71	98.67	738.89	105.56	614.69	87.81	623.30	89.04	3650.95	74.51
		43	251.30	25.13	756.10	68.74	703.80	100.54	701.20	100.17	715.86	102.27	580.53	82.93	3708.79	75.69
		55	248.60	24.86	788.10	71.65	669.50	95.64	691.40	98.77	871.09	124.44	432.45	61.78	3701.14	75.53

Feed conversion ratio (Feed konsum. per 1 kg of live weight) per pen

Tab. No. 2c (page 1)

Treat.	Tr. No.	Box No.	Feed conversion ratio					
			Day 10	Day 21	Day 28	Day 35	Day 42	Day 49
			g/kg LW	g/kg LW	g/kg LW	g/kg LW	g/kg LW	g/kg LW
T1	1	1	1127.49	1385.57	1375.02	1470.96	1577.88	1800.60
		13	1112.00	1326.37	1341.18	1481.80	1656.41	1836.58
		25	1044.24	1355.86	1347.81	1467.25	1650.61	1780.61
		42	1086.78	1312.51	1317.17	1493.99	1675.09	1821.59
		54	1134.69	1313.76	1369.30	1494.89	1607.16	1811.19
T2	2	2	1022.39	1323.65	1364.07	1492.95	1670.94	1802.99
		14	1209.62	1368.09	1370.57	1548.51	1750.07	2000.28
		26	1088.30	1360.61	1403.49	1541.22	1704.94	1899.32
		41	1127.82	1316.61	1305.26	1505.97	1674.98	1875.86
		53	970.64	1289.42	1378.47	1479.09	1594.30	1794.24
T3	3	3	1598.80	1458.39	1548.45	1618.62	1766.62	1809.90
		15	1597.77	1396.27	1457.68	1604.64	1733.83	1902.37
		27	1345.81	1458.31	1473.93	1569.95	1799.73	1932.99
		40	1535.71	1485.04	1490.79	1583.99	1699.13	1858.41
		52	1496.45	1371.76	1470.38	1543.27	1654.97	1904.38
T4	4	4	1115.15	1403.81	1389.77	1530.61	1673.15	1777.03
		16	1100.00	1307.72	1334.58	1480.38	1606.41	1782.78
		28	1052.85	1324.33	1396.16	1509.57	1718.41	1884.42
		39	1109.76	1343.79	1325.12	1527.24	1636.24	1796.65
		51	1082.83	1309.77	1374.34	1498.17	1618.05	1822.77

Feed conversion ratio (Feed konsum. per 1 kg of live weight) per pen

Tab. No. 2c (page 2)

Treat.	Tr. No.	Box No.	Feed conversion ratio					
			Day 10	Day 21	Day 28	Day 35	Day 42	Day 49
			g/kg LW	g/kg LW	g/kg LW	g/kg LW	g/kg LW	g/kg LW
T5	5	5	1066.12	1185.92	1314.82	1423.12	1626.03	1771.58
		17	1102.06	1378.19	1336.52	1473.38	1580.47	1787.35
		29	1093.37	1291.11	1339.55	1474.81	1649.40	1840.35
		38	1167.36	1391.24	1349.73	1554.33	1653.65	1831.92
		50	1171.45	1331.77	1254.30	1483.56	1640.77	1872.28
T6	6	6	1044.94	1312.94	1352.76	1530.35	1657.78	1842.49
		18	1038.76	1260.89	1309.23	1470.87	1613.42	1787.94
		30	956.38	1212.54	1391.52	1435.52	1587.53	1771.82
		37	1019.76	1193.21	1251.22	1469.34	1561.09	1794.19
		49	1020.95	1260.30	1238.38	1460.60	1607.91	1813.20
T7	7	7	1014.63	1181.06	1314.69	1457.09	1707.96	1858.96
		19	1057.02	1270.90	1306.17	1468.79	1624.02	1845.47
		36	955.56	1327.02	1348.32	1503.38	1622.50	1821.82
		48	1022.47	1345.86	1352.74	1499.63	1664.21	1933.20
		60	1105.31	1296.44	1399.69	1574.42	1634.65	1962.95
T8	8	8	1002.41	1285.38	1361.06	1497.27	1673.67	1895.68
		20	1083.02	1350.80	1412.50	1574.94	1746.76	1964.62
		35	981.43	1300.55	1417.42	1502.73	1626.13	1917.44
		47	1034.10	1307.51	1301.73	1481.54	1815.21	1886.85
		59	1021.22	1289.82	1414.64	1549.45	1653.77	1970.32

Feed conversion ratio (Feed konsum. per 1 kg of live weight) per pen

Tab. No. 2c (page 3)

Treat.	Tr. No.	Box No.	Feed conversion ratio					
			Day 10	Day 21	Day 28	Day 35	Day 42	Day 49
			g/kg LW	g/kg LW	g/kg LW	g/kg LW	g/kg LW	g/kg LW
T9	9	9	1426.99	1224.29	1414.27	1511.39	1731.93	1925.44
		21	1442.71	1464.10	1504.10	1618.69	1761.43	1894.34
		34	1673.98	1492.58	1545.75	1596.20	1713.68	1904.40
		46	1129.21	1397.99	1348.32	1605.00	1716.30	1876.10
		58	1322.78	1403.89	1555.56	1660.53	1646.56	1974.52
T10	10	10	1013.23	1289.84	1437.04	1550.37	1761.85	1887.97
		22	1055.33	1323.44	1409.02	1534.83	1745.55	1821.59
		33	1033.96	1485.19	1429.48	1528.52	1668.55	1981.52
		45	1070.02	1459.97	1377.23	1663.58	1788.15	2061.94
		57	996.27	1306.59	1379.95	1467.20	1596.58	1920.47
T11	11	11	1107.93	1369.04	1402.35	1547.40	1705.28	1896.46
		23	1400.08	1374.18	1411.54	1538.49	1724.49	1887.49
		32	995.66	1315.43	1328.68	1493.33	1578.73	1807.29
		44	983.09	1369.94	1302.82	1553.11	1728.00	1911.75
		56	1082.67	1307.66	1383.47	1522.46	1652.71	1930.88
T12	12	12	966.33	1218.75	1259.30	1449.55	1578.21	1791.98
		24	927.59	1203.80	1285.81	1456.58	1626.35	1810.35
		31	969.70	1271.58	1295.87	1434.83	1632.12	1815.04
		43	979.59	1273.21	1329.04	1509.51	1671.49	1872.42
		55	991.76	1288.56	1348.20	1530.90	1598.75	1889.59

Feed consumption per pen

Tab. No. 2d (page 1)

Treat.	Tr. No.	Box No.	Feed consumption						
			Starter (1-10 days)	Grower (11-21 days)	Grower (22-28 days)	Grower (29-35 days)	Grower (36-42 days)	Finisher (43-49 days)	Total
			kg	kg	kg	kg	kg	kg	kg
T1	1	1	28.30	92.30	85.60	115.50	107.80	134.40	563.90
		13	27.80	94.10	93.50	116.70	106.70	122.70	561.50
		25	25.80	96.40	92.30	121.60	124.50	140.90	601.50
		42	26.80	94.20	99.10	122.30	123.20	136.30	601.90
		54	27.80	94.60	98.00	127.30	108.00	129.80	585.50
T2	2	2	25.80	92.70	90.10	118.30	108.10	127.40	562.40
		14	28.80	89.90	87.00	116.10	123.50	159.30	604.60
		26	26.50	93.20	94.90	118.50	111.80	143.20	588.10
		41	27.90	91.00	96.40	118.80	126.10	144.60	604.80
		53	23.80	91.50	94.60	116.70	109.30	137.40	573.30
T3	3	3	26.70	81.60	93.20	126.40	129.00	147.90	604.80
		15	28.60	62.80	93.90	127.30	129.70	149.80	592.10
		27	24.60	77.60	93.20	124.70	123.50	150.30	593.90
		40	25.80	82.40	94.10	121.50	122.80	139.60	586.20
		52	27.40	74.70	90.80	119.40	124.30	148.20	584.80
T4	4	4	27.60	93.10	90.10	129.70	123.30	140.00	603.80
		16	27.50	90.60	96.50	118.50	111.80	131.70	576.60
		28	25.90	95.70	100.00	122.80	124.20	130.20	598.80
		39	27.40	96.00	94.90	126.30	122.00	133.10	599.70
		51	26.80	91.80	95.00	125.30	121.50	146.80	607.20

Feed consumption per pen

Tab. No. 2d (page 2)

Treat.	Tr. No.	Box No.	Feed consumption						
			Starter (1-10 days)	Grower (11-21 days)	Grower (22-28 days)	Grower (29-35 days)	Grower (36-42 days)	Finisher (43-49 days)	Total
			kg	kg	kg	kg	kg	kg	kg
T5	5	5	25.80	86.40	90.40	116.10	113.00	139.20	570.90
		17	26.80	96.60	90.00	107.20	108.00	132.30	560.90
		29	26.70	89.90	90.90	109.40	113.70	118.90	549.50
		38	27.90	94.80	87.80	119.90	103.40	132.30	566.10
		50	28.80	89.70	89.50	115.60	115.00	146.50	585.10
T6	6	6	26.90	98.70	94.20	138.40	118.70	143.90	620.80
		18	26.80	99.00	99.10	121.90	125.80	148.60	621.20
		30	25.50	96.40	93.40	121.80	122.50	151.20	610.80
		37	25.80	96.00	98.00	122.10	120.90	169.90	632.70
		49	26.80	100.10	95.60	135.10	128.20	160.50	646.30
T7	7	7	27.60	96.00	90.00	114.30	124.50	141.70	594.10
		19	27.90	89.10	92.40	112.10	125.10	140.40	587.00
		36	25.80	97.60	92.10	116.70	109.20	137.90	579.30
		48	27.30	93.20	94.70	116.30	112.70	173.00	617.20
		60	28.60	93.00	93.40	113.40	106.00	133.50	567.90
T8	8	8	27.40	92.30	94.70	111.40	121.70	147.30	594.80
		20	28.70	97.10	99.00	118.30	130.50	150.50	624.10
		35	25.90	91.80	98.60	117.80	113.80	155.00	602.90
		47	27.60	90.80	80.90	123.00	115.10	152.40	589.80
		59	26.80	97.80	99.20	114.90	110.90	134.90	584.50

Feed consumption per pen

Tab. No. 2d (page 3)

Treat.	Tr. No.	Box No.	Feed consumption						
			Starter (1-10 days)	Grower (11-21 days)	Grower (22-28 days)	Grower (29-35 days)	Grower (36-42 days)	Finisher (43-49 days)	Total
			kg	kg	kg	kg	kg	kg	kg
T9	9	9	25.80	76.60	85.50	117.90	125.00	138.40	569.20
		21	27.70	76.50	90.40	113.00	113.70	144.90	566.20
		34	26.70	80.50	92.70	110.90	110.00	137.90	558.70
		46	20.10	85.70	93.90	112.10	105.00	143.80	560.60
		58	25.40	80.30	88.10	106.80	92.30	140.00	532.90
T10	10	10	26.80	103.50	95.20	121.10	128.20	152.80	627.60
		22	27.60	90.30	95.80	115.70	122.90	139.00	591.30
		33	27.40	104.50	91.70	123.10	124.90	163.20	634.80
		45	27.20	97.00	95.00	130.90	117.50	149.70	617.30
		57	26.70	97.40	91.20	113.50	107.80	139.10	575.70
T11	11	11	26.70	86.60	85.30	109.30	108.80	145.20	561.90
		23	26.40	92.20	85.80	115.20	106.60	143.40	569.60
		32	26.40	84.80	85.20	109.10	103.10	139.80	548.40
		44	26.40	92.50	87.60	110.40	113.60	137.60	568.10
		56	28.30	92.70	88.10	114.00	107.50	131.30	561.90
T12	12	12	28.70	99.50	102.10	131.90	131.10	163.80	657.10
		24	26.90	97.20	96.30	130.20	128.10	162.00	640.70
		31	28.80	101.50	91.10	128.70	122.40	159.30	631.80
		43	28.80	104.90	99.40	137.50	131.20	162.50	664.30
		55	28.90	110.20	96.70	137.80	128.20	168.10	669.90